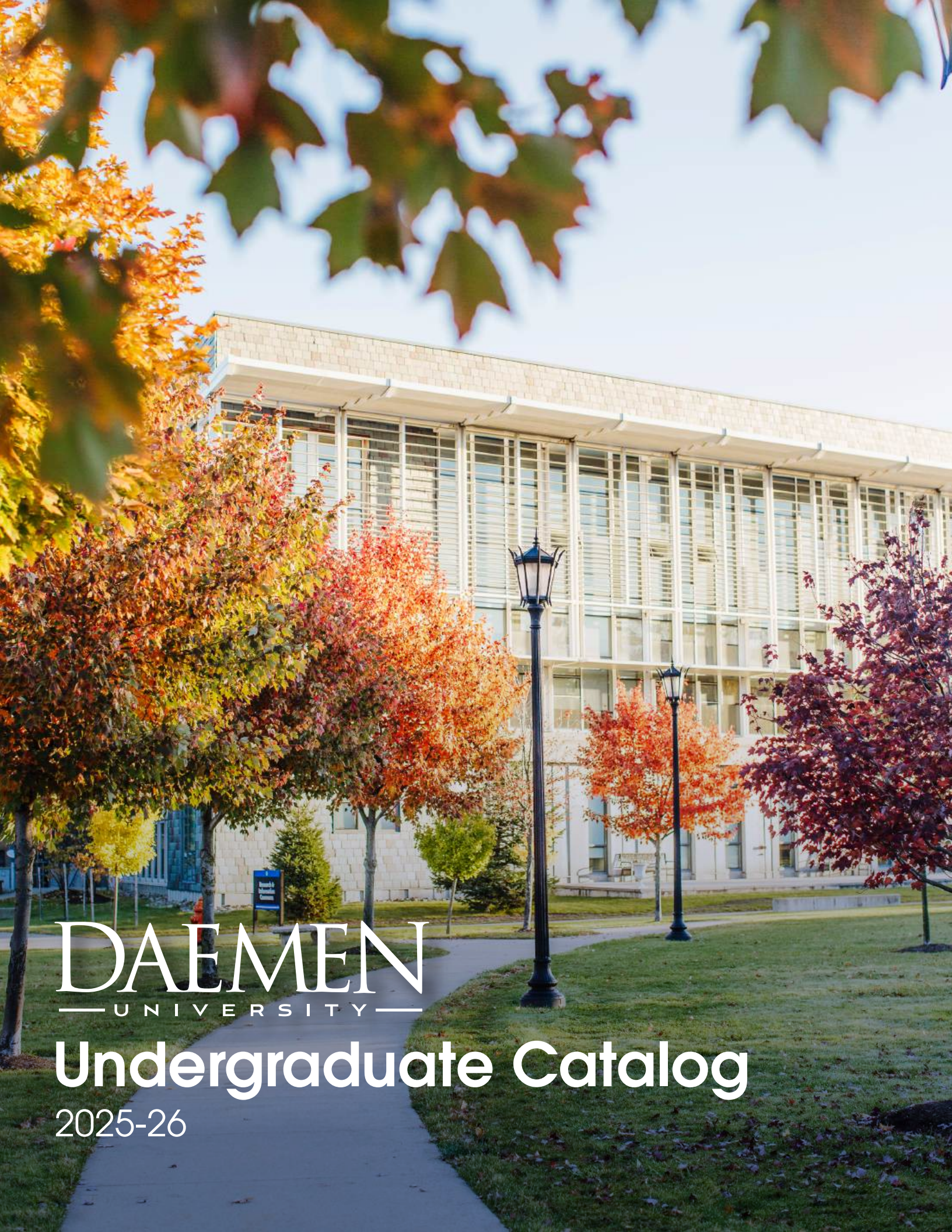

DAEMEN
UNIVERSITY

Undergraduate Catalog

2025-26

Daemen University catalogs are published online at www.daemen.edu/catalog.
For more details, contact the Admissions Office at +1 (716) 839-8225 or admissions@daemen.edu.

DAEMEN UNIVERSITY

UNDERGRADUATE CATALOG 2025-2026

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For Information on Admission

Office of Admissions
(716) 839-8225
Toll-free throughout the United States and Ontario 1-800-462-7652

For Information on Financial Aid

Office of Financial Aid
(716) 839-8254

For Transcript of Records

Office of the Registrar
(716) 839-8214

To request a transcript go to our Registrar's website to the **transcript information webpage**.

Catalog Information

The information compiled in this catalog was prepared for the 2024-2025 academic year, but should not be regarded as a contract between the student and Daemen University. The University separately publishes a Graduate Catalog containing information about the University's graduate programs. Rights are reserved to change any of the rules and regulations of the University at any time, including those relating to admission, instruction, and graduation. The right to withdraw curricula and specific courses, to alter course content, to change the calendar, and to impose or increase fees similarly is reserved. All such changes are effective at such times as the proper authorities determine and may apply not only to prospective students but also to those who already are enrolled in the University.

Policy on Non-Discrimination

Daemen University's non-discrimination policy complies with all current statutes and applies to admission, employment, and access to all programs, services, and other activities offered by the University. The full policy is found in our University Policy Portal.

Inquiries regarding compliance with Title IX of the Education Amendments of 1972, Titles VI and VII of the Civil Rights Act should be directed to the Daemen University Equal Opportunity and Affirmative Action Officer, Tiffany Hamilton, who is also our VP for Institutional Equity & Belonging, Dun Scotus Hall, Room 118; telephone: (716) 566-7880, **thamilto@daemen.edu**.

All inquiries regarding compliance with Section 504 of the Rehabilitation Act of 1973 or the Americans with Disabilities Act should be directed to the ADA/504 Compliance Officer, Associate Vice President of Student Success, Sabrina Fennell, RIC108, 716-839-8228.

Student Right-to-Know

Any individual who is considering enrolling at Daemen University may secure a copy of the University's graduation rate and additional University statistics which are included on the **Consumer Information, Diversity Dashboard**, and our **Institutional Research pages** compiled following the Student Right-to-Know Act by contacting the University's Admissions Office, at 716-839-8225, or by visiting the **Fast Facts page**.

Jeanne Clery Disclosure of Campus Security and Crime Statistics (the Clery Act) (1990)

In compliance with the Department of Education and the Clery Act, Daemen University publishes an **Annual Security and Fire Safety Report** which is available online at or via the United States Department of Education website at: **http://ope.ed.gov/security/GetOneInstitutionData.** Visitors can also request to see a copy of the University's Crime and Fire Logs available in the Office of Campus Safety.

Procedures in case of a major emergency disrupting normal campus operations are detailed in the Annual Security and Fire Safety Report, as well as the **Student Handbook**.

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To request a printed copy of the Daemen University Catalogs, contact

The Office of Admissions
Daemen University
4380 Main Street
Amherst, NY 14226

Telephone 716-839-8225 (toll free 800-462-7652 in NY, NJ & PA)
or email **admissions@daemen.edu**

General Information About Daemen

The Campus

Daemen University is located on a 46.5-acre campus in Amherst, New York. The suburban location enables students of the university to have ready access to the vibrant Buffalo-Niagara region while enjoying the charm of a beautifully landscaped campus. Daemen is easily accessible by major rail, plane, and motor routes servicing Buffalo. The university is less than five minutes from exit 50 of the New York State Thruway. The Buffalo Niagara International Airport, serviced by most major airlines, is a 15-minute drive from the campus.

For directions and a campus map: **daemen.edu/directions.**

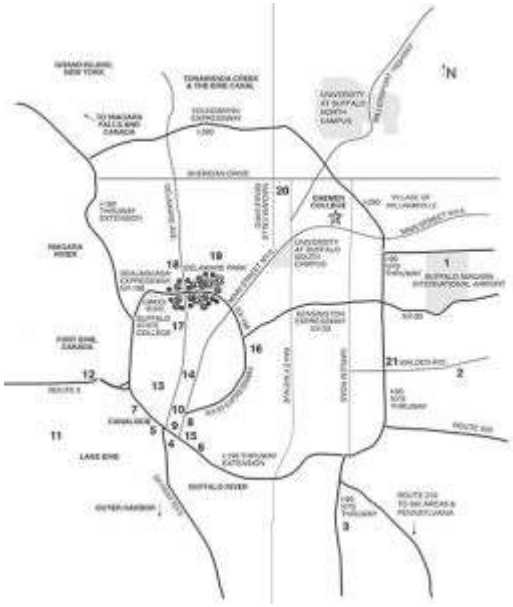
Buildings and Facilities

- **Alumni House** is the home of the Employee Engagement and Institutional Advancement Offices.
- **Athletics Complex** houses the Lumsden Gymnasium as well as the university's intercollegiate athletic offices and athletic training room.
- **Scott Bieler College of Health Professions Building,** located across from Daemen's Main Street campus, houses the fitness center and recreation space, as well as state-of-the-art classrooms and laboratories for physical therapy, and a studio for health promotion, wellness, and public health.
- **Business Building** includes faculty offices, classrooms, a computer lab, and a student lounge, as well as the Office of Information Technology.
- **Campus Apartments**, housing approximately 384 students, is a complex of seven two-story apartment-style buildings, typically providing housing for upperclassmen students. Each apartment has four bedrooms, two bathrooms, a living room, and a kitchen. Laundry facilities are available on each floor.
- **Canavan Hall** is a five-story, suite-style residence hall, housing approximately 260 students, primarily used as first-year and new student housing. Two bedrooms share one bathroom. Lounges and laundry facilities are available on each floor.
- **Patricia E. Curtis Hall** houses physician assistant studies and social work faculty offices.
- **Duns Scotus (DS) Hall** is the home of the student services corridor, known as the SPOT, and houses administrative and faculty offices, classrooms, science laboratories, art studios, lounges, the bookstore, print shop, mailroom, the Nancy Haberman Gacioch Center for Veterans, the Center for Diversity and Inclusion, Global Programs (International Student Services & Study Aboard), the Paul A. Saffrin Center for Community Engagement, and the Student-Athlete Academic Center.
- **Haberman Gacioch Center for Visual & Performing Arts** features the graphic design production area, the International Center for Excellence in Animation (ICEA), computer labs, faculty offices, the Elizabeth C. Tower Gallery, the Sister Jeanne File Resource Room, and studios for illustration, figure drawing, and painting. The building uses geothermal heating to contain energy costs.
- **Daemen Hall** features an event space and a large auditorium.
- **Daemen University Kennedy Institute for Mobility Innovation and Technology (Kennedy Institute),** located at 21 Persia Street, Buffalo, NY 14211. The 6,000 square foot space houses a state-of-the-art physical therapy rehabilitation center and two classrooms.
- **Research and Information Commons (RIC)**, a LEED Gold-certified building, houses a comprehensive library, Student Success Center, Accessibility Services, Graduate Studies Technology Center, Smart Squad, 78 WEST cafe, group study rooms, a seminar and screening room with surround sound and 3D projection capabilities, and many state-of-the-art amenities to enhance the study experience.
    - Includes the **Center for Interprofessional Learning and Simulation (CILS)** on the second floor.

- **Rosary Hall** is the original university administrative and classroom building—recognized for its Italian Renaissance Revival architecture and designed by one of the most prominent Buffalo architects of the early 20th century, was officially honored as a historic landmark in 2014—and currently houses the executive dining room and the Division of Enrollment Management & Admissions.
- **Schenck Hall** houses a state of the art gross anatomy lab, laboratory facilities, classrooms, and a 300-seat lecture hall.
- **The Thomas Reynolds Center for Special Education & After-School Programs** hosts the Behavioral Sciences department and includes a conference room, observation room, and four state-of-the-art classrooms.
    - Includes the **Academic Success and Career Exploration for New Directions (ASCEND)** program on the first floor.
- **John R. Yurtchuk Student Center** houses student life offices including Campus Safety, CHIP Center (Counseling, Health, Insurance, Prevention), Conference Services, the 24/7 Information Desk, the executive boardroom, a dedicated esports center, lounges, the main dining room seating 650, the Wildcat Den (a multimedia dining location), and a social room/auditorium seating 500.

DEPARTMENT/OFFICE	PHONE NUMBER
Daemen University Information	+1 800-462-7652
Academic Information	+1 (716) 839-8214
Admissions	+1 (716) 839-8225
Alumni	+1 (716) 839-8212
Athletics	+1 (716) 839-8346
Bookstore	+1 (716) 839-8245
Business Office	+1 (716) 839-8218
Calendar & Dates	+1 (716) 839-8214
Catalog Requests	+1 (716) 839-8225
Conferences & Special Events	+1 (716) 839-8253
Financial Aid	+1 (716) 839-8254
Fundraising & Gifts	+1 (716) 839-8212
Student Accounts	+1 (716) 839-8213
Housing & Meal Plan	+1 (716) 839-8200
Library	+1 (716) 839-8243
Marketing & Communications	+1 (716) 839-7544
Registration & Schedules	+1 (716) 839-8214
Student Activities & Services	+1 (716) 839-8332
Transcripts & Records	+1 (716) 839-8214

The Buffalo Area: An Ideal Location



Key to Buffalo, New York

1. Buffalo Niagara International Airport

2. Amtrak Terminal
3. Highmark Stadium (Buffalo Bills /NFL)
4. KeyBank Center (Buffalo Sabres/NHL)
5. Canalside and Buffalo Naval & Military Park
6. Buffalo Metropolitan Transportation Center
7. Erie Basin Marina
8. Buffalo and Erie County Library
9. Buffalo Niagara Convention Center
10. Buffalo Theater District
11. Fort Erie
12. Peace Bridge (to Canada)
13. Kleinhans Music Hall
14. Allentown/Delaware Historic Area
15. Sahlen Field (Buffalo Bisons, Toronto Blue Jays/ MLB, 2020-2021)
16. Museum of Science
17. Buffalo AKG Art Museum
18. Buffalo History Museum
19. Buffalo Zoo
20. Whole Foods
21. Walden Galleria

Approximate Mileage From Greater Buffalo To The Following:

Albany, NY	301 miles
Allentown, PA	334 miles
Atlantic City, NJ	443 miles
Baltimore, MD	368 miles
Binghamton, NY	211 miles
Boston, MA	471 miles
Burlington, VT	465 miles
Charleston, WV	446 miles
Chicago, IL	545 miles
Cincinnati, OH	440 miles
Cleveland, OH	191 miles
Detroit, MI	270 miles
Elmira, NY	148 miles
Erie, PA	96 miles
Harrisburg, PA	296 miles
Hartford, CT	407 miles
Indianapolis, IN	525 miles
Lake Placid, NY	395 miles
Long Island, NY	419 miles
Manchester, NH	457 miles
Montreal, Quebec	394 miles
New York City, NY	371 miles
Philadelphia, PA	388 miles
Pittsburgh, PA	219 miles
Portland, ME	548 miles
Poughkeepsie, NY	359 miles
Providence, RI	475 miles
Richmond, VA	511 miles
Rochester, NY	75 miles
Scranton, PA	266 miles
Springfield, MA	384 miles
Syracuse, NY	156 miles
Toronto, Ontario	100 miles
Utica, NY	199 miles
Washington, DC	405 miles
Wilmington, DE	418 miles

History and Identity

Daemen University is a private, non-sectarian, co-educational, comprehensive university in Amherst, N.Y. Its attractive suburban location offers convenient access to the cultural amenities of metropolitan Buffalo and the scenic outdoor recreation areas of Western New York, the Niagara Frontier, and the Great Lakes. In addition, the university is near Canada, with cosmopolitan Toronto within easy driving distance.

The university was established in 1947 as Rosary Hill College by the Sisters of St. Francis of Penance and Christian Charity, which was founded by Magdalene Daemen, a Dutch woman dedicated to working with the poor. Her faith and courage have inspired many to give themselves to the service of others. The institution has been accredited by the Middle States Commission on Higher Education since 1956 and last reaffirmed in 2016. Originally a liberal arts college for women, the

institution became co-educational in 1971, extending its commitment to academic excellence to the education of both men and women. In 1976, the institution became independent and nonsectarian, changing its name to Daemen College. In 1992, New York State approved an amendment change to Daemen's charter, authorizing the institution to award graduate-level degrees as well as baccalaureate degrees. In 2018, Carnegie Classifications of Institutions of Higher Education elevated Daemen to the organization's top tier classification—doctoral university.

In 2022, Daemen received approval from the New York State Education Department (NYSED) to change the institution's name to Daemen University.

Committed to an academic atmosphere that leads to open inquiry and debate, Daemen has achieved a creative balance between programs providing direct career preparation and a liberal arts education. Courses in the university's majors and the general education curriculum encourage students to expand their horizons beyond the classroom through internships, clinical and field experiences, collaborative research with faculty, and study abroad programs. The general education program offers a broad and integrative educational experience that encourages students to explore new ideas and perspectives and prepares them with essential skills for life and careers.

Mission Statement

The mission of Daemen University is to prepare creative, ethically-minded leaders for a diverse and interconnected world by integrating the intellectual strengths acquired through the liberal arts with the preparation necessary for professional excellence to make meaningful contributions to society.

Vision

Daemen University seeks to become an institution of national distinction through recognized excellence in academics, co-curricular experiences, athletics, inclusion, and community service in an educational environment where all students, alumni, faculty, staff, and community partners are able to learn, grow and use their skills to create a better world.

Student Learning Outcomes – Daemen University

Daemen University graduates will demonstrate foundational knowledge of the discipline of the humanities, natural sciences and mathematics, and social sciences by:

Carefully and logically analyzing ideas, assumptions, and arguments from multiple perspectives to develop reasoned solutions to problems (CRITICAL THINKING);

Effectively and ethically communicating ideas orally, visually, and in writing for a range of audiences and purposes (COMMUNICATION);

Demonstrating the ability to locate, evaluate, and interpret information and will incorporate appropriate and reliable sources to accomplish a specific purpose (INFORMATION LITERACY);

Making reasoned ethical arguments that demonstrate an informed and critical engagement with values, opinions, and beliefs, including those that challenge their ideas (ETHICAL REASONING);

Reading a range of texts closely and demonstrating their ability to comprehend, appreciate, analyze, and interpret challenging material (CLOSE READING);

Constructing hypotheses, determining the appropriate methodology for their evaluation, analyzing and interpreting data, proposing solutions based on evidence, and explaining the benefits and limits of this approach (SCIENTIFIC REASONING);

Interpreting quantitative information in the context of disciplinary/interdisciplinary problems and drawing relevant conclusions (QUANTITATIVE LITERACY);

Demonstrating knowledge of natural and human systems around the world as they are shaped by complex, interdependent contexts (GLOBAL KNOWLEDGE);

Demonstrating knowledge of the structures that frame human diversity, shape difference, and enable or

obstruct freedom, justice, and equality (DIVERSITY AND DIFFERENCE); and

Demonstrating knowledge, skills, and efficacy necessary for active, responsible participation in a civic society (CIVIC LITERACY AND ENGAGEMENT).

Admissions

Admissions Policy

We rely on high school GPA, transcripts (including grade performance and rigor of courses selected), extracurricular activities, college essay, and counselor or teacher recommendations in making our admission decisions. We value strong writing skills, a solid secondary school program, and a student's potential for making an important contribution to our campus community. Daemen University does not require applicants to submit standardized test scores (SAT, ACT) as part of the admission application. Our decision to make test scores optional demonstrates our commitment to enrolling students who reflect intellectual curiosity, persistence in reaching a goal, talent, motivation, and determination to make a difference in their lives and the lives of others. We will also give careful consideration to applications from students whose preparation is unusual and who can provide strong recommendations as to their ability to succeed in a college program of study.

Persons who desire application materials or wish to arrange for an interview and tour should contact the Office of Admissions, Daemen University, 4380 Main Street, Amherst, New York 14226. Telephone: (716) 839-8225. Toll-free: 1-800-462-7652 or visit our website: daemen.edu/admissions.

University Requirements

Applicants for admission to an undergraduate degree or certificate programs must possess, or be candidates for, a high school diploma, or must have received satisfactory scores in a high school equivalency examination.

Students who have been homeschooled are requested to provide appropriate evidence of equivalency of high school education. Typically, this will be documentation in the form of possession of a General Equivalency Diploma (GED) or written attestation by the superintendent of schools in the student's public school district of residence that the student has completed an appropriate program of home instruction. Appropriate documentation is also needed to establish eligibility for financial aid. All home-schooled students should discuss their particular situation with financial aid and admissions counselors.

If an applicant is approved admission to Daemen University and is currently a student, it will be understood that such admission has been granted on a provisional basis until all final records have been reviewed and found to be in accordance with Daemen's admission requirements.

Departmental Requirements

Unless a course of study is listed below, a general high school academic program meets entrance requirements.

- *Art* — Portfolio
- *Biology* — Trigonometry* and Chemistry
- *Business Administration* — Trigonometry*
- *Mathematics* — Trigonometry*
- *Natural Science* — Trigonometry* and Chemistry
- *Physical Therapy* — Trigonometry* and Chemistry
- *Physician Assistant* — Trigonometry* and Chemistry
- *Psychology* — Trigonometry*

* Trigonometry is highly recommended: those who have not completed Trigonometry will be required to take an entry-level mathematics course.

Application Procedure for New First-Year Students

Applications are reviewed throughout the year beginning in August of each fall.

1. Complete either the online Daemen Application or the online Common Application. A visit to the Daemen campus is strongly recommended. Please email admission@daemen.edu or call the Office of Admissions at (716) 839-8225 or toll-free, 1-800-462-7652, to arrange an appointment for an interview and campus tour or visit our website: daemen.edu/admissions.
2. Ask your high school guidance counselor to forward transcripts directly to Daemen

University at admissions@deamen.edu or mail to the Office of Admissions, 4380 Main Street, Amherst, NY 14226.

3. Decide whether or not you will be submitting your application as test-optional or would like to submit your SAT or ACT test scores or other documents such as scores from AP, IB, college credit, and writing sample, as part of your application. (See Admissions Policy above)
4. To be complete, all applications must include the following documents:
    - A completed Daemen University application
    - A 250-word personal essay
    - An official secondary school transcript
    - For Physician Assistant Majors: two (2) letters of recommendation are required. For all other majors, no letter of recommendation is required
    - International Baccalaureate (IB) test scores and/or IB courses in progress (if applicable)
    - College credit courses offered on a college campus and taught by college faculty (if applicable)
    - College credit courses offered by the secondary school and taught by college-approved faculty (if applicable)
5. When the application for admission is complete the student's credentials are reviewed. Applicants are then notified of the admission decision.

Admissions Requirements

- Apply online
- Applicants for admission must possess, or be candidates for, a high school diploma, or must have received satisfactory scores in a high school equivalency examination.
- Minimum Cumulative grade point average of 80/3.0.
- If you choose to submit an SAT/ACT score: An SAT score of 980 or above (Math and Evidence-based reading and writing), ACT score of 19 or above (Composite score).
- A personal essay of at least 250 words or an untimed graded paper of at least 250 words on a topic of your choice.
- Average enrolled student GPA is 93.
- Average enrolled student SAT score is 1212.

Transfer Students

Transfer students who have attended two-year or four-year colleges and who have a college average of at least "C" (2.0) are eligible to apply for admission. Transfer applicants must submit an application for admission indicating all previous institutions attended.

Transfer students who are admitted from colleges accredited by the appropriate regional/career/faith-based accrediting body as listed in *Accredited Institutions of Postsecondary Education* will be considered for transfer. In most cases, a minimum grade of "C" is required for a course to be eligible for transfer. For students who have earned an associate or higher degree, courses with a grade of "D" may also be eligible for transfer.

Acceptance of transfer credit is based upon course content and the specific curricular requirements of the program in which a student intends to matriculate. Credit evaluations are completed upon receipt of all transcripts from institutions previously attended, and upon acceptance to Daemen University.

Final official high school and college transcripts indicating honorable dismissal from the last college attended must be sent directly to the office of admissions. Daemen University does not require high school transcripts of those applicants who have earned an associate's or higher degree.

For detailed information on the transfer policy at Daemen University, please visit the registrar's website.

Part-Time Students

Students who carry fewer than twelve semester hours of credit are classified as part-time students. They must fulfill all admission requirements.

Conditional Admit Students

Students admitted conditionally show evidence of academic promise and potential: the University is committed to facilitating their successful transition to college and will work with students to develop essential academic skills through personalized advisement and support from the Student Success Center. Conditionally admitted students may take a maximum of four to five courses per semester, as recommended by their advisor.

Non-Degree Students

Students who wish to enroll in courses to supplement professional backgrounds or to enrich their personal lives, but who do not plan to matriculate for a bachelor's degree, enroll as non-degree students. Non-degree students must meet all academic standards for enrollment in courses. Applicants should contact the Academic Advisement Office to register for courses as non-degree students. Non-degree students whose performance is below acceptable standards will not be permitted to continue to enroll in courses.

Cross-Registered Students

Students from WNY Consortium of Higher Education colleges or universities who wish to attend Daemen University for the purpose of transferring earned credits to their parent institutions must provide a cross-registration form, which is obtained from their parent institution. Link here to the complete **Cross-Registration policy** in the university policy portal located at policies.daemen.edu.

Readmission

Students who have left the University and who desire to return are not automatically readmitted. If they have officially withdrawn, they must file an application for readmission after waiting one year and, if appropriate, submit official transcripts of any subsequent college-level courses taken. Students who have taken an official Leave of Absence may return without submitting an application for readmission. A student returning from a Leave of Absence or accepted for readmission following a withdrawal must meet all requirements in force at the time of the student's return to the University.

Veterans

Veterans and dependents eligible for GI Bill® benefits must have a high school diploma or its equivalent to apply for admission to Daemen. To begin the application process, the veteran or eligible dependent may contact the Office of Admissions to obtain an application or complete an online application for admission by visiting Daemen's Admissions website. Veterans and eligible dependents who wish to study using GI Bill® monies should consult the Veterans Administration's Regional Office or visit **https://www.va.gov/education/** to determine what forms should be filed to apply for or to transfer their benefits to Daemen University. Both the application and transfer forms can be completed on this site. Both the application form and the transfer form can be completed on the **va.gov** website.

Once accepted as a student at Daemen, the veteran/eligible dependent will meet with the Daemen University Veteran School Certifying Official to facilitate tuition, fees, books, and related expense payments. It is during this meeting that GI Bill® entitlements and reporting procedures will be explained, as well as your obligations in maintaining eligibility to receive these funds. In addition, the Veteran School Certifying Official will assist you in managing the eligibility time limit, preventing VA debt, and other concerns regarding your VA payments. DAEMEN UNIVERSITY IS APPROVED BY THE NEW YORK STATE EDUCATION DEPARTMENT FOR THE TRAINING OF VETERANS AND OTHER ELIGIBLE PERSONS.

Veterans Success Center

In partnership with Foundation 214, Daemen University's Veterans Success Center serves active duty, veterans, and military-aligned students and families who have served our country by helping students succeed on their college journey and preparing them for life after graduation. The Veteran Services Team understands that the decision to attend college can be challenging and is a major transition for any student, and even more so for military-aligned students, because of

their overall life experience and divergent path to college. Daemen is proud of our commitment to supporting veteran and military-aligned students on our campuses. We partner with community veteran service organizations to provide highly specialized educational resources, including resume workshops, interviewing skills, career service planning, mental health counseling, and coaching. Daemen is proud to support veteran and military-aligned students by offering specialized resume and interviewing skills workshops, career service planning, mental health counseling, coaching, and more, supporting each veteran and military-aligned student through their academic journey.

ConAp (Concurrent Admissions Program)

Daemen University is a member of the Concurrent Admissions Program in conjunction with the U.S. Army. Admission to Daemen University is concurrent with enlistment in the Army. Actual enrollment is deferred until the active-duty soldier has completed his or her enlistment. Interested students may contact the Admissions Office for more information about this program.

Reserve Officers' Training Corps (ROTC)

Daemen University has a special cross-registration arrangement with Canisius University for students desiring to enroll in military science courses and earn an officer's commission through the **Reserve Officers' Training Corps (Army ROTC) program**. All ROTC program requirements must be fulfilled during the period of enrollment and registration at Daemen University and at Canisius University. Successful completion requires an additional period of obligated active or reserve military service. For more details on this program, contact the Daemen University Admissions Office.

Arthur O. Eve Higher Education Opportunity Program

This State and University sponsored program is specifically tailored to provide support for New York State residents who may not meet the traditional criteria for university admission but possess the potential for academic success. The Arthur O. Eve Higher Education Opportunity Program (HEOP) offers a valuable opportunity for individuals holding a high school diploma or equivalency, along with demonstrated financial need, to pursue higher education. Applicants are required to submit specific income documentation in accordance with state guidelines to determine their eligibility.

HEOP students are warmly welcomed into the TRI Scholars Academy, an extensive five-week residential summer program. This transformative experience serves as an introduction to academic life at Daemen University and offers invaluable opportunities for personal growth. The program centers around building a strong educational foundation, equipping students with essential skills and readiness for university life. Emphasis is placed on enhancing proficiency in math, reading, writing, and study skills.

Throughout the academic year, HEOP students benefit from ongoing individual and group counseling that addresses various aspects of their college experience. This dedicated support system is designed to address the unique needs and challenges that students may encounter throughout their educational journey. By participating in the Arthur O. Eve Higher Education Opportunity Program, students not only gain access to a high-quality higher education but also benefit from a comprehensive support system that fosters their academic, personal, and financial success.

Students with Disabilities

Daemen University is committed to ensuring equal access and full participation in programs and activities for students with disabilities in compliance with section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, and applicable state and local laws. Accessibility Services is the department designated by the University to determine reasonable and appropriate accommodations and services for students with disabilities.

All students must meet the academic standards of their curriculum and abide by the Student Code of Conduct articulated in the Student Handbook. Certain programs

have additional technical standards relative to performance in clinical and similar experiential learning environments. Reasonable accommodations are determined on a case-by-case and course-by-course basis. Accommodations that would fundamentally alter the nature of a course, program, or activity cannot be authorized. If you are a qualified applicant who may need accommodation within the academic setting or the campus environment (student housing, dining, etc.) please contact Accessibility Services via email: **access@daemen.edu** or phone: 716-839-8228 to discuss your needs.

Students or applicants who have any questions concerning the university's **non-discrimination policy** or policy on **accommodation of students with disabilities** should consult the institutional policy portal found at policies.daemen.edu.

International Student Admissions

You can link here to our university's full policy for **international student admissions.** The policy can also be found in our policy portal: **policies.daemen.edu**

Application Procedures and Requirements for International Students

1. **Submit** the Daemen University online application at daemen.edu/admissions/international/apply ($50 application fee is required).
2. **Transcripts**: All international transcripts must be sent through a credit evaluation service that will evaluate your transcripts to the American grading system and course equivalencies. Please request a course-by-course evaluation from The Evaluation Company. Transfer and Graduate students may also choose to use World Education Services. Students may also choose Josef Silny Associates or Educational Credential Evaluators but any NACES-accredited member will also be accepted. For first-year applicants, please ensure the service you choose performs course-by-course evaluation on high school-level coursework.
3. **English Proficiency**: All students whose first language is not English must submit the DUOLINGO (110+), IELTS (6.5+), or TOEFL (77+) exam score. Daemen University Institutional code for the TOEFL exam is 2762.
    1. Students who meet one of the following criteria may be exempt from submitting an English Proficiency score:
        1. High school students who have completed 2+ years of study in the US or Canada (except Quebec).
        2. Students who completed 2+ semesters at the US, Canadian (except Quebec), Australian, Irish, New Zealand, UK, or South African University/College and have completed two English Academic Writing or Literature courses with a grade of a B or higher.
    2. Daemen University does not accept any alternative forms of proof of English Language Proficiency, including letters stating the mode of instruction. The Admissions department in consultation with Academic Affairs may choose not to waive English proficiency at their discretion.
4. **Personal Essay**: First-year (undergraduate) students must submit an essay as part of their application. Transfer students do not need to submit an essay as part of their application.
5. **Proof of Financial Support** must be submitted. You must show the ability to pay for the entire cost of the academic program and living expenses in order to be eligible for the I-20 form necessary for a student visa (F-1) application. Financial support documentation will also be necessary when applying for your student visa at a United States Consular Office.

Undergraduate (First Year) Requirements (International)

- Minimum GPA 2.5
- Minimum TOEFL 77, IELTS 6.5 or DUOLINGO 110

- Minimum ELS level 112

The following undergraduate programs have specific GPA requirements:

- Physical Therapy: Minimum GPA 3.1
- Nursing 1+2+1: Minimum GPA 3.1
- Athletic Training: Minimum GPA 2.7

Minimum TOEFL total test score of 100, DUOLINGO score of 120.

Reading Section, minimum score of 24
Listening Section, minimum score of 26
Speaking Section, minimum score of 26
Writing Section, minimum score of 24

Transfer Requirements (International)

- Earn a minimum 2.0 GPA
- English Language Proficiency (Minimum TOEFL 77, IELTS 6.5 or DUOLINGO 110)
- Minimum ELS level 112

If you are interested in transferring into one of the following undergraduate programs, you must meet the specific GPA and English Language requirements:

- Physical Therapy: Minimum over GPA 2.8/Science GPA 2.8
- Education: Minimum GPA 2.75
- Natural Science/Biology/Chemistry: Minimum GPA 2.5
- Minimum TOEFL total test score of 100, DUOLINGO score of 120

University Program for High School Students

This program is for academically qualified juniors and seniors who are recommended by their school counselors. They may take a maximum of two university courses per term while enrolled in a regular high school program. For further information, contact the Student Success Center, at 716-839-8228.

Advanced Placement

High school students who have completed studies in an **Advanced Placement** program at their high school may be eligible to receive academic credit for these college-level studies. A minimum score of three (3) on the Advanced Placement examinations (administered by the College Entrance Examination Board) must be earned for credit to be granted. Further information is available from the Office of the Registrar.

Credit by Examination

Daemen participates in programs through which applicants can receive college credit for competencies developed outside the formal classroom. Enrolled students who score successfully on select college proficiency examinations offered by the New York State Education Department or the College Board may receive credit applicable to a degree at Daemen. To have examination scores reviewed for the possible granting of credit, students must have official transcripts/grade reports submitted to the Office of the Registrar. Official transcripts must be sent directly from the examination source. Further information on acceptable exams and scores may be obtained from the Office of the Registrar. Further information on exams may be obtained by contacting Excelsior College Examinations, 7 Columbia Circle, Albany, New York 12203-5159, www.regents.edu or the College-Level Examination Program, P.O. Box 6600, Princeton, New Jersey 08541-6600, **www.collegeboard.com**.

Veterans of the armed services may receive credit for satisfactory scores received on tests administered by the United States Armed Forces Institute and for their military educational experiences as recommended by the Commission on Accreditation of Service Experience.

Credit for Educational Programs in Non-Collegiate Organizations

Credit will also be granted for educational programs in non-collegiate organizations as published by the New York State Education Department; the amount of credit granted depends upon course content and the Daemen degree program in which a student wishes to

matriculate. Daemen University also awards academic credit for learning through these extramural experiences as part of its Credit for Learning from Life Experience (CLLE) program, described in the Academic Regulations section of this catalog.

Developmental Courses and Placement

Student records are used to help determine placement in mathematics, science, and English courses. Placement examinations may also be administered in these courses. Daemen offers developmental and prerequisite coursework for students who need support in preparation for college-level work in English and mathematics. If developmental work is required, a student must enroll immediately in the appropriate course sequence and remain enrolled until satisfactory completion. In cases where this requirement would result in a first-semester first-year student's inability to maintain satisfactory academic progress for eligibility for student aid, the student is permitted to modify the scheduling of developmental coursework under the direction of his or her advisor and subject to the approval of the Associate Vice President for Student Success.

Health Records

In compliance with New York State Public Health Laws 2165 and 2157, students are required to submit immunization records as outlined below:

- Students born on or after January 1, 1957, and taking 6 or more credits are required to submit proof of immunization for Measles, Mumps & Rubella (vaccinations or titers).
- Students taking 6 or more credits must submit proof of immunization (or submit a declination) for Meningococcal disease (completed vaccination or vaccination series within the past 5 years or a signed waiver declining the vaccination).

For more information on this requirement, health forms, and more, visit **daemen.edu/healthrequirements**.

Orientation

The purpose of Daemen's orientation program is to provide new students with an all-inclusive introduction to Daemen University to ease their transition into the academic and social community of the institution. New students and families are introduced to campus life through a variety of programs including Transfer Orientation & Registration Days, First-Year Academic Kick Off, New Student Orientation, and Family Orientation. The programs provide students and their families with greater access to the services, information, and assistance needed to best prepare them for their progression into the University. Orientation sessions include social events as well as seminars and discussion groups conducted by upper-class students, administrators, and faculty. These orientation events offer the incoming student an opportunity to meet new friends, meet with the faculty, and become acquainted with University personnel and campus facilities.

Alcohol and Drug Policy

The unlawful possession, use, or distribution of alcohol and illegal drugs by students and employees on University property or while engaged in University activities off the University campus is prohibited. A complete description of the University's **Drug and Alcohol Abuse Policy**, pursuant to the Drug-Free Schools and Communities Act Amendments of 1989, is published in the Daemen University Student Handbook.

Financial Information & Expenses

Tuition & Fees 2025-2026

Per Semester

Undergraduate

Full-Time Students (12 to 18 credit hours)
Tuition: $17,927
Comprehensive (University) Fee: $895.00
Student Activity Fee: $175.00
Special fees for certain courses or programs: (see pricing on Student Accounts Webpage **Course and Program Fees**)

Payment of full-time tuition entitles students to take 12-18 hours of coursework. Students will be charged at the part-time credit-hour rate for each credit hour taken beyond 18 per semester.

Part-Time Students

Tuition (per credit hour): $1,195.00
University Fee (for 6 to 11 credit hours): $100.00
Student Activity Fee (per credit hour): $14.00
Special fees for certain courses or programs: (see pricing on Student Accounts Webpage **Course and Program Fees**)

Summer 2025

Undergraduate Tuition (per credit hour): *$896.00
Undergraduate University Fee (per credit hour): $17.00

*Subject to change – please contact 716.839.8213 for current summer tuition rates

Special Tuition

Audited courses billed at 50% of part time tuition rate. Daemen Alum and students over age 55 are able to audit with no tuition cost. Fees are applicable.

Housing and Food **(see Student Life & Student Services section for more information)**

Room Type	Cost Per Semester
Canavan Hall	$4,550.00
Campus Apartments	$4,925.00
Collegiate Village – 4BR	$5,052.50
Collegiate Village – 2BR	$5,325.00
Collegiate Village – 2BR Shared	$4,925.00
Snyder Park	$4,995.00

*Triple occupancy in Canavan Hall (if required) – $150 credit given at the end of each semester

Meal Plan	Cost Per Semester
19 Weekly Meals / $180.00 Cat Cash	$2,565.00
14 Weekly Meals / $200.00 Cat Cash	$2,325.00
10 Weekly Meals / $220.00 Cat Cash	$2,265.00
100 Meals per Semester	$2,030.00

*First Year students are required to enroll in the 19-meal plan

Regular school holidays are included in the housing period, but the Thanksgiving holiday, inter-semester recess, and spring break are *excluded*. Please consult the **Student Handbook** for additional information. Students who arrive before the opening of the semester or who stay after it ends will be charged an extended residence fee as determined by the Residence Life office.

Health Insurance 2025-2026

Please reach out to the CHIP center for details at 716.839.7380

Special Fees

- Application fee payable with the application: $50.00 for International students

- Challenge Examination Fee: $100.00 plus Tuition fee $30.00 per credit hour
- Credit for Learning from Life Experience (CLLE) Assessment Fee: $100.00 plus Tuition fee $30.00 per credit hour
- Tuition deposit required (non-refundable):
  - Undergraduate Students: $200.00
  - Early Decision Applicants: $200.00
  - Transfer Students: $200.00
  - PA Undergraduate Students: $400.00 (first year only)
  - PA & PT Graduate Students: $500.00
  - Graduate Students: $200.00
- Room reservation deposit: $200.00 (new and returning students)
- Late Payment Fee: $100.00
- Returned check charges (NSF): $20.00
- First-year Student Fee (for all Freshman students): $175.00
- **All Access Book Program** – $25.50/registered credit hour (students will have the opportunity to opt out of this program if desired)

Financial Agreements

The University reserves the right to change its schedule of tuition, housing and food, and special fees when it is deemed advisable. All students must sign a Financial Responsibility Agreement at the start of each semester. This agreement is available when students log in to review or pay their bills.

Payments

Students are expected to make payment arrangements with the Office of Student Accounts (Duns Scotus Hall, Room 112) by the due date stated on their self-service billing statement for the amount of the semester charges less any financial aid and/or bank loans. A $100.00 late payment fee will be assessed if arrangements are made after this date. Future registrations may be blocked for any student who does not make satisfactory payment arrangements.

Students will be notified via Daemen email and/or text message when semester bills are available to view and pay on Self Service @ **https://selfservice.daemen.edu**.

- Fall tuition statements are available July 2, 2025 and due July 23, 2025.
- Spring tuition statements are available November 26, 2025 and due December 17, 2025.

Students and/or parents can pay tuition and fees online by electronic check (ACH) or by credit/debit card. Fees will apply to payments by card. Payment Plans may be available for Fall and Spring semesters. Students can set up others as Athorized Users to have access to their financial statements. All of this can be done through a student's account at Self-Service > Student Finance > Continue to Account Info/Payment Center. **https://selfservice.daemen.edu/Student/Finance/Payments**.

Checks should be made payable to Daemen University and mailed to the Office of Student Accounts, Duns Scotus Hall, Room 112, 4380 Main Street, Amherst, New York 14226. Only cash or checks can be accepted in the office.

All financial obligations should be settled in full before any claim is made for a degree, semester grade reports, or transcripts. Students will be charged for collection agency fees and reasonable attorney's fees incurred in enforcing the collection of any and all outstanding amounts owed to the University.

The tuition refund policy for all students will be as follows:

Traditional Semester Programs:

- Add/Drop Period: 0% liability = 100% Refund
- Week 1: 0% liability = 100% Refund
- Week 2: 20% liablity = 80% Refund
- Week 3: 40% liability = 60% Refund
- Week 4: 60 % liability = 40% Refund
- Week 5: 80% liability = 20% Refund
- Week 6: 100% liability = No Refund

Alternative Programs:

- Add/Drop Period: 0% liability = 100% Refund
- Week 2: 20% liablity = 80% Refund
- Week 3: 40% liability = 60% Refund

- Week 4: 60 % liability = 40% Refund
- Week 5: 100% liability = No Refund

***Please note: Liability dates may vary by program*

Daemen partners with GradGuard Tuition Insurance to offer a tuition insurance plan as added protection for students and families. This plan can reimburse non-refundable tuition and housing costs after an unexpected withdrawal for a covered illness, injury, mental health condition and more. Students will have the opportunity to learn more about this program and purchase when logging in to pay or view their bill.

Room Deposits

All enrolled resident students who intend to return for the fall semester must make a room deposit of $200.00. This amount will be credited to the first semester's bill. A refund of the room deposit will be made if written notice of withdrawal from residence is given according to the Residence Life contract and guidelines. (New students should contact the Admissions Office.) A full refund also will be made to those students not permitted to register for the fall term. Students who are not sure if they are academically qualified to continue should make this deposit; if they are not eligible to continue, a full refund will be made.

Withdrawals and Refunds

The University views registration as the student's official statement of intent to enroll in a subsequent semester. Therefore, once registered, the student is financially obligated for the payment of all applicable tuition and fees unless a *Notice of Intent to Withdraw* form (**https://www.daemen.edu/academics/registrar/forms**) is filed in the Office of Academic Advisement, Room 108 of the Research & Information Commons. The date of withdrawal will in every case be considered to be the date on which a *Notice of Intent to Withdraw* form has been filed. Should a student fail to follow the withdrawal procedure outlined above, no refund will be made.

Students or parents who feel that individual circumstances warrant an exception to the published policy may submit a written request indicating the special circumstances to the Student Success Center of Daemen University.

If a student's enrollment is canceled because of an error on the part of the University, full tuition and fees will be refunded. The refunds will be sent to the student within thirty days of filing a properly completed *Notice of Intent to Withdraw* form.

If a student moves out of the residence halls to off-campus housing during the add/drop period, housing and food charges may be pro-rated at the discretion of the Director of Housing and Residence Life.

Any changes regarding housing must be communicated to Housing and Residence Life for consideration.

Credit for Financial Aid

It is the student's responsibility to complete all arrangements for any financial aid that they may be eligible to receive. Credit toward university bills for financial aid awards will be given when the payment or award notice, approved by the appropriate agency, is received by the Office of Student Accounts, Room 112, Duns Scotus Hall. The student must resolve any financial aid and university bill discrepancies through consultation with the Financial Aid Office and the Office of Student Accounts.

Financial Aid

General Information

Daemen University offers students many types of financial assistance in the form of scholarships, grants, and loans. The University can help any qualified student who needs financial aid. Daemen University participates in the federal Title IV programs and complies with the regulatory requirements as mandated by the Higher Education Opportunity Act – 2008 (HEOA). The following is a breakdown of the types of assistance and the means by which a student may apply. It is important to note that students interested in Daemen University should not hesitate because of financial circumstances. DAEMEN UNIVERSITY IS AFFORDABLE.

Students applying for financial aid must submit the following forms that are used to establish eligibility and financial need.

Free Application for Federal Student Aid (FAFSA)

Students are able to apply online at **studentaid.gov**. After completing the FAFSA online, the student's application information is processed by the U.S. Department of Education and sent electronically to Daemen University as a designated recipient. The Daemen University Title IV institution code number is 002808.

Tuition Assistance Program (TAP) Application

For New York State residents and undergraduate students only. After the student completes the FAFSA, their information is released to New York State. The New York State Higher Education Services Corporation (NYSHESC) receives the FAFSA data and makes the online TAP application available. The student must complete the online application, including both student and parent NYS income information. All students (as well as spouse/parents if applicable) must electronically sign the TAP application prior to submission. Students are also able to apply for TAP directly at **www.tap.hesc.ny.gov/totw/**; TAP applications will not be processed without a valid FAFSA on file. More information about TAP can be found at **www.hesc.ny.gov/home/**. The Daemen University TAP institution code number is 0670.

Verification of FAFSA Information

All students who receive federal, state, or institutional aid and who have been selected for verification must submit to the Financial Aid Office verification of their family income and household size and/or verification of identity.

As part of filing the FAFSA and determining federal student aid eligibility, students and parents are required to consent and approve sharing and importing income and tax information from the IRS to the FAFSA form, even if the attempt to obtain or use such data is ineffective. In most cases, no further documentation is needed to verify income information that was transferred into the student's FAFSA using income and tax information directly from the IRS. If income tax return information for the student and/or parent was not available or could not be used and the student is selected for verification, the student must provide the institution with an IRS Tax Return Transcript(s) or a freshly signed copy of the federal income tax return and applicable schedules.

Students and/or parents who are required to submit tax information can request a Tax Return Transcript directly from the IRS. **Tax return transcripts can be requested online at IRS.gov**, through the U.S. Mail using Form 4506-T or by calling the IRS at 1-800-908-9946. Once students have received or downloaded the tax return transcript, a copy must be submitted to the Financial Aid Office. If the IRS tax return transcript is downloaded as a PDF, it can uploaded at **daemen.edu/finaidupload**. Signed copies of federal tax returns must be either mailed or delivered in person to the Financial Aid Office. Uploaded and scanned copies of signed tax returns can not be accepted.

Students who receive a request for additional information should respond promptly as it is the policy of the Financial Aid Office not to disburse aid until the student's FAFSA has been verified.

When to Apply for Financial Aid

The Free Application For Federal Student Aid (FAFSA) and Express TAP Application should be submitted as soon as possible after **October 1st**.

SUGGESTED FILING DEADLINES FOR:

- Fall Semester **November 15th**

Allow at least six weeks for processing the application.

TO BE CONSIDERED FOR FINANCIAL AID, STUDENTS MUST REAPPLY EACH ACADEMIC YEAR AND CONTINUE TO SHOW FINANCIAL NEED AND SATISFACTORY ACADEMIC PROGRESS.

Notification of Financial Aid Awards

After the student has been accepted for admission, and the Free Application for Federal Student Aid (FAFSA) is reviewed, notifications of aid packages will be sent to students who qualify. They are asked to accept or decline the aid notification.

Eligibility for Financial Aid

Financial aid exists because most qualified students need help to pay for a college education. In general, financial aid eligibility is based on academic qualifications, specific program requirements, financial need, and academic progress or standing. All applicants must meet entrance requirements for admission to the University. Some competitive or merit scholarships are awarded for examination scores, grade averages, or class standing. Specific eligibility requirements for many financial aid programs are described in the text that follows. The most important criterion by far, however, is financial need. Once awarded, the continuation of financial aid depends upon maintaining satisfactory academic progress.

Otherwise, once the basic eligibility requirements are met, financial aid is awarded on a “first-come, first-served” basis. Except for certain designated equal opportunity and affirmative action programs, financial aid awards are not affected by race, color, creed, sex, or sexual orientation.

Financial Aid for Combined Undergraduate/Graduate Degree Programs

A student’s eligibility for financial aid and type of aid is determined in accordance with the student’s classification as an undergraduate or graduate student. Students in combined degree programs (e.g., Physical Therapy, Physician Assistant Studies, Professional Accountancy, Athletic Training) will be classified as follows. Students who do not possess a previous baccalaureate degree are classified as undergraduates for their first four years of study, and graduate students in subsequent years. Students possessing a baccalaureate degree and pursing a graduate level credential will be classified as graduate students regardless of enrollment in any undergraduate-level coursework in pursuit of their Daemen graduate degree.

FINANCIAL NEED ASSESSMENT

The vast majority of all financial aid programs from all sources are based on financial need. The amount of aid a student receives is determined by the student’s budget for anticipated expenses minus the expected contribution from the student or his/her family.

Student’s Cost of Attendance Budget
(determined by the Financial Aid Office)
— Student Aid Index (SAI)
(determined by FAFSA data)

= Financial Need

EXPENSES USED IN DETERMINING THE STUDENT’S BUDGET

For a full-time undergraduate student at Daemen University, the costs of attendance are estimated as follows:

	Commuter	Resident
Tuition	$35,854	$35,854
Fees	$880 – students enrolled prior to Summer 2025 $2,140 – students enrolled starting Summer 2025 or later	$880 – students enrolled prior to Summer 2025 $2,140 – students enrolled starting Summer 2025 or later
Books & Supplies	*$1,000	*$1000
Housing & Food	*$2,000	*$14,230
Personal Expenses	*$800	*$800
Transportation	*$700	*$700

* These figures represent estimated costs and will vary from person to person depending upon individual needs. All costs are subject to change.

Student/Family Contributions

The Financial Aid Office uses information from your processed FAFSA application to estimate how much students or families can afford to pay toward a college education. The financial contribution that is to be made by a student or his/her family is determined by applying conventional estimating formulas that take into account their financial situation according to their FAFSA data and whether a student is independent or dependent. Definitions of these terms used for federal financial aid programs follow directly below. New York State financial aid programs use their own somewhat different and more detailed definitions. Daemen University's Financial Aid Office can clarify these definitions and eligibility requirements.

Independent Students

An independent student is an individual who meets one of the following criteria:

1. An individual is at least 24 years old by December 31 of the award year.
2. Both parents are deceased, or the individual is a ward/dependent of the court.
3. An individual who is currently serving on active duty in the U.S. Armed Forces for purposes other than training.
4. A veteran of the Armed Forces of the United States.
5. An individual with legal dependents other than a spouse.
6. A graduate or professional student.
7. A married person.
8. You have children who will receive more than half of their support from you.
9. Your high school or school district homeless liaison determined that you were an unaccompanied youth who was homeless.

Dependent Students

A dependent student is an individual who does not meet the definition of an independent student.

Satisfactory Academic Progress

For continuation or renewal beyond the initial term of eligibility, most financial aid programs demand satisfactory academic progress. Academic progress is defined by credit hours earned toward a degree, as well as GPA. University establishes standards for measuring academic progress. The tables and information that follow illustrate Daemen University's standards of satisfactory academic progress for determining eligibility for student aid. The Financial Aid Office and the Registrar monitor student academic progress for financial aid purposes. Refer to the Financial Aid Office for a more detailed explanation and interpretation of the following charts. Please note that minimum standards of satisfactory academic progress for continuing financial

aid eligibility are not necessarily identical to minimum requirements for good academic standing – which typically require a minimum cumulative GPA of 2.0. (See Academic Regulations and Standards section for further information on academic probation, suspension, and dismissal.)

Right To Appeal

In the event a student is denied financial aid due to failure to maintain satisfactory academic progress, the student has the right to appeal by providing a personal statement together with any relevant documentation supporting the student's appeal. The Financial Aid Office will provide full information and counseling to students wishing to appeal to request reinstatement of aid.

SATISFACTORY ACADEMIC PROGRESS (SAP)

STANDARDS OF SATISFACTORY ACADEMIC PROGRESS FOR

1) DETERMINING ELIGIBILITY FOR New York State Tuition Assistance Program (TAP) STUDENT AID

A. Chart applies to non-remedial students first receiving aid in 2010-11 and thereafter.

Calendar: Semester					Degree Program: Baccalaureate				
Before being certified for this payment:									
1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
A student must have accrued this many credits:									
0	6	15	27	39	51	66	81	96	111
With at least this grade point average:									
0	1.5	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0
Completing at least this many credits for this semester:									
6	6	9	9	12	12	12	12	12	12

B. Chart applies to students first receiving aid in 2007-08 through and including 2009-10 and remedial students first receiving aid in 2007-08 and thereafter.

Calendar: Semester					Degree Program: Baccalaur				
Before being certified for this payment:									
1st	2nd	3rd	4th	5th	6th	7th	8th	9th	
A student must have accrued this many credits:									
0	3	9	21	33	45	60	75	90	
With at least this grade point average:									
0	1.1	1.2	1.3	2.0	2.0	2.0	2.0	2.0	
Completing at least this many credits for this semester:									
6	6	9	9	12	12	12	12	12	

"Remedial student" is defined as a student: (a) whose scores on a recognized college placement exam or nationally recognized standardized exam indicated the need for remediation for at least two semesters, as certified by the university and approved by the New York State Education Department (SED); or (b) who was enrolled in at least six semester hours of non-credit remedial courses, as approved by SED, in the first term they received a TAP award; or (c) who is or was enrolled in an opportunity program.

STANDARDS OF SATISFACTORY ACADEMIC PROGRESS FOR

2) DETERMINING ELIGIBILITY FOR Undergraduate & Graduate Federal Student Aid

A student must make satisfactory academic progress at the end of each term to be eligible for federal financial aid. Undergraduate students must have a cumulative 2.0 grade point average by the end of their second academic year. Graduate students must have a cumulative grade point average of 3.0 after three terms of study. Students must also successfully complete at least two-thirds of the credits attempted at Daemen University each semester (known as completion rate). The following

designations are considered to be attempted but are not considered to be successfully completed: I, W, UW, UC, F.

Students must also complete their degrees within 150 percent of the published program length as measured in credit hours or they forfeit federal aid eligibility. For example, if the published length of a program is 120 credit hours, the maximum period must not exceed 180 (120 x 1.5) attempted credit hours. There is no waiver of the maximum time frame allowed for any reason.

Description of Financial Aid Programs

A. INSTITUTIONAL AID (FINANCIAL AID AWARDED BY THE DAEMEN UNIVERSITY FINANCIAL AID OFFICE)

FEDERAL PROGRAMS

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

Application Procedures:

The applicant must complete the Free Application for Federal Student Aid (FAFSA).

Selection of Recipients and Allocation of Awards:

The recipient must:

1. be a matriculated student and a U.S. citizen or permanent resident;
2. show exceptional financial need;
3. be making satisfactory academic progress. Awards are made on a first-come, first-served basis;
4. not be in default on a previous loan or owe a refund on a previous grant.

Award Schedule:

The award ranges from $100 – $4000 per year.

Rights and Responsibilities of Recipients:

The student must continue to make satisfactory academic progress.

Method and Frequency of Disbursements:

Federal SEOG Grants (FSEOG) are credited directly to a student's bill after enrollment and financial aid data have been verified by the Financial Aid Office each semester.

FEDERAL WORK-STUDY PROGRAM (FWS)

Application Procedures:

The applicant must complete the Free Application For Federal Student Aid (FAFSA).

Selection of Recipients and Allocation of Awards:

The applicant must:

1. be a matriculated student and a U.S. citizen or permanent resident;
2. show financial need;
3. be making satisfactory academic progress. Students are awarded FWS on a first-come, first-served basis.
4. not be in default on a previous loan or owe a refund on a previous grant.

Award Schedule:

Daemen University provides job opportunities on campus where students may work up to 10 hours per week. Students who are eligible for FWS will have an opportunity to apply for jobs posted on the Daemen University Employee Engagement Student Employment website. Students are paid the minimum hourly wage. An award from FWS does not guarantee job placement.

Rights and Responsibilities of Recipients:

Satisfactory academic progress must be maintained. For further information, please see the university work-study list of regulations and procedures available from the Daemen University Financial Aid Office.

Method and Frequency of Disbursements:

Federal Work-Study Program (FWS) wages are paid to students with bi-weekly payroll checks issued in the Employee Engagement Office. An FWS award is not directly applied to your student bill.

TEACH GRANT PROGRAM

Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program which provides grants of up to $4,000 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families.

Additional information regarding the TEACH grant can be found at **studentaid.gov**.

Undergraduate study: maximum of $4,000 per year for the first baccalaureate to a maximum of $16,000.

Graduate study: maximum of $4,000 per year for a master's degree to a maximum of $8,000.

Conditions

In exchange for receiving a TEACH Grant, you must agree to serve as a full-time teacher in a high-need field in a public or private elementary or secondary school that serves low-income students (see below for more information on high-need fields and schools serving low-income students). As a recipient of a TEACH Grant, you must teach for at least four academic years within eight calendar years of completing the program of study for which you received a TEACH Grant. IMPORTANT: If you fail to complete this service obligation, all amounts of TEACH Grants that you received will be converted to a Federal Direct Unsubsidized Stafford Loan. You must then repay this loan to the U.S. Department of Education. You will be charged interest from the date the grant(s) was disbursed. Note: TEACH Grant recipients will be given a 6-month grace period prior to entering repayment if a TEACH Grant is converted to a Direct Unsubsidized Loan.

Student Eligibility Requirements

To receive a TEACH Grant you must meet the following criteria:

- Complete the Free Application for Federal Student Aid (FAFSA), although you do not have to demonstrate financial need.
- Be a U.S. citizen or eligible non-citizen.
- Be enrolled as an undergraduate, post-baccalaureate, or graduate student in a post-secondary educational institution that has chosen to participate in the TEACH Grant Program.
- Be enrolled in coursework that is necessary to begin a career in teaching or plan to complete such coursework. Such coursework may include subject area courses (e.g., math courses for a student who intends to be a math teacher).
- Meet certain academic achievement requirements (generally, scoring above the 75th percentile on a college admissions test or maintaining a cumulative GPA of at least 3.25).
- Sign a TEACH Grant Agreement to Serve (ATS) and complete TEACH Grant Initial and Subsequent counseling at the following link: **studentaid.gov/teach-grant-program**

High-Need Field

High-need fields are the specific areas identified below:

- Bilingual Education and English Language Acquisition
- Foreign Language
- Mathematics
- Reading Specialist
- Science
- Special Education

Other identified teacher shortage areas as of the time you begin teaching in that field. These are teacher subject shortage areas (not geographic areas) that are listed in the Department of Education's Annual Teacher Shortage Area Nationwide Listing. To access the listing, please go to **tsa.ed.gov**.

As of July 1, 2010, a recipient of an initial TEACH Grant who has received an academic degree, or expertise, in a field that was, at the time the recipient signed the TEACH Grant Agreement to Serve, designated as high-need, but no longer has that designation, can fulfill the service obligation associated with the TEACH Grant by teaching in that high-need field.

Schools Serving Low-Income Students

Schools serving low-income students include any elementary or secondary school that is listed in the Department of Education's Annual Directory of Designated Low-Income Schools for Teacher Cancellation Benefits. To access the Directory, please go to **studentaid.gov/tcli/**.

TEACH Grant Agreement to Serve

Each year you receive a TEACH Grant, you must sign a TEACH Grant Agreement to Serve that is available electronically at **studentaid.gov/teach-grant-program**. The TEACH Grant Agreement to Serve specifies the conditions under which the grant will be awarded, the teaching service requirements, and includes an acknowledgment by you that you understand that if you do not meet the teaching service requirements you must repay the grant as a Federal Direct Unsubsidized Loan, with interest accrued from the date the grant funds were disbursed. Specifically, the TEACH Grant Agreement to Serve will require the following:

- For each TEACH Grant-eligible program for which you received TEACH Grant funds, you must serve as a full-time teacher for a total of at least four academic years within eight calendar years after you completed or withdrew from the academic program for which you received the TEACH Grant.
- You must perform the teaching service as a highly qualified teacher at a low-income school. The term highly qualified teacher is defined in section 9101(23) of the Elementary and Secondary Education Act of 1965 or in section 602(10) of the Individuals With Disabilities Education Act.
- Your teaching service must be in a high-need field.
- You must comply with any other requirements that the Department of Education determines to be necessary.
- If you do not complete the required teaching service obligation, the TEACH Grant funds you received will be converted to a Federal Direct Unsubsidized Stafford Loan that you must repay, with interest charged from the date of each TEACH Grant disbursement.

DIRECT FEDERAL STAFFORD LOAN – SUBSIDIZED

Application Procedures:

All loans signed after October 17, 1986, are based on need after the family contribution is established; therefore, students must complete the Free Application for Federal Student Aid (FAFSA) at **studentaid.gov** and receive a financial aid award letter in order to be eligible for Stafford Loans. To apply for a Subsidized Stafford loan students must also complete Loan Entrance Counseling and a Direct Loan Master Promissory Note (MPN) at **studentaid.gov.** The Financial Aid office will originate the Stafford Loan for the amount indicated on the award notice unless the student declines or modifies the loan amount.

A Master Promissory Note is completed once by the student and is used to borrow additional loans for subsequent periods of enrollment.

The MPN is good for up to ten years from the date of the student's signature. Each academic year the student will be notified of his/her loan eligibility on the financial aid award notice. The student's loan will be originated for the amount listed on the aid notice unless

the student indicates otherwise by signing and returning the award letter.

Annual Student Loan Acknowledgement (ASLA)

All Loan Borrowers including New & Returning Students and Parents (taking PLUS Loans) are encouraged to Complete the "Annual Student Loan Acknowledgement (ASLA)" **every year** before the semester begins. Visit **studentaid.gov** under "Loans and Grants" to complete this requirement on or after May 1st of each year. The Annual Student Loan Acknowledgement will be used to inform borrowers what they owe – or could owe – in federal student loans and will be individually tailored toward first-time and current loan borrowers to help provide details surrounding loan status and forecasts of estimated monthly payments.

Selection of Recipients and Allocation of Awards:

To be eligible for a Subsidized Federal Stafford Loan a student must:

1. be a U.S. citizen or permanent resident alien;
2. be enrolled in or accepted for enrollment in a degree or certificate program; and
3. have demonstrated need according to a Need Analysis System.
4. Study at least half-time.

Loan Schedule:

A student who is enrolled on at least a half-time basis at a participating school is eligible for the following loan amounts:

1. $3,500 – students who have not completed their first year of an undergraduate program.
2. $4,500 – students who have completed their first year of an undergraduate program.
3. $5,500 – students who have completed their first and second years of an undergraduate program.
4. $23,000 – aggregate maximum amount for undergraduate study.

Effective for loans disbursed on or after July 1, 2025, and prior to July 1, 2026, the interest rate is fixed at 6.39%. Loans disbursed on or after October 1, 2025, and before October 1, 2026, will be charged a 1.057% origination fee. This fee will be deducted from the student loan upon disbursement.

Rights and Responsibilities of Recipients:

Repayment of the principal begins six months after the borrower ceases to be at least a half-time student. Repayment in whole or in part may be made at any time without penalty. All borrowers must complete loan exit counseling at **studentaid.gov** upon graduation or withdrawal from the university. Contact the Financial Aid office about this requirement.

Methods and Frequency of Disbursements:

First-time borrowers must complete loan entrance counseling before loan funds can be disbursed.

Direct Stafford Loan proceeds are credited to a student's bill after the disbursement has been received by the Office of Student Accounts.

DIRECT FEDERAL STAFFORD LOAN – UNSUBSIDIZED

Application Procedures:

This loan program is available to eligible students, regardless of family income, for periods of enrollment beginning on or after October 10, 1992. The term unsubsidized means that interest is not paid for the student during periods of enrollment. To apply, students must complete the FAFSA, receive a financial aid award notice, and have a Master Promissory Note and Loan Entrance Counseling on file. See the application procedure for Federal Stafford loan – Subsidized.

Annual Student Loan Acknowledgement (ASLA)

All Loan Borrowers including New & Returning Students and Parents (taking PLUS Loans) are encouraged to Complete the "Annual Student Loan Acknowledgement (ASLA)" **every year** before the

semester begins. Visit **studentaid.gov**. under "Loans and Grants" to complete this requirement on or after May 1st of each year. The Annual Student Loan Acknowledgement will be used to inform borrowers what they owe – or could owe – in federal student loans and will be individually tailored toward first-time and current loan borrowers to help provide details surrounding loan status and forecasts of estimated monthly payments.

Selection of Recipients and Allocation of Awards:

To be eligible for an Unsubsidized Federal Stafford Loan a student must:

1. be a U.S. citizen or permanent resident alien;
2. be enrolled in or accepted for enrollment in a degree or certificate program; and
3. study at least half-time.

Loan Schedule:

1. $5,500 – students who have not completed their first year of an undergraduate program.
2. $6,500 – students who have completed their first year of an undergraduate program.
3. $7,500 – students who have completed their first and second years of an undergraduate program.
4. $31,000 – aggregate maximum amount for undergraduate study for dependent students.
5. $57,500 – aggregate maximum amount for undergraduate study for independent students.
6. $20,500 – graduate study yearly maximum eligibility.
7. $138,500 – aggregate combined subsidized/unsubsidized amount for graduate study.

The combination of subsidized and unsubsidized Federal Stafford Loans for a borrower may not exceed the annual and aggregate limits.

Effective for loans disbursed on or after July 1, 2025, and prior to July 1, 2026, the interest rate is fixed at 6.39% for undergraduate students and 7.94% for graduate students. Loans disbursed on or after October 1, 2025, and before October 1, 2026, will be charged a 1.057% origination fee. This fee will be deducted from the student loan upon disbursement.

Rights and Responsibilities of Recipients:

Principal payments are automatically deferred while the student is enrolled at least half-time. Interest accrues and must be paid quarterly. If a student does not wish to make these interest payments while enrolled, he/she may request to add the interest to the principal amount. Repayment of both interest and principal begins six months after the borrower ceases to be enrolled on at least a half-time basis. All borrowers must complete loan exit counseling upon graduation or withdrawal from the university. Contact the Financial Aid office about this requirement.

Method and Frequency of Disbursements:

First-time borrowers must complete loan entrance counseling before loan funds can be disbursed. Direct Stafford Loan proceeds are credited to a student's bill after the disbursement has been received by the Office of Student Accounts.

DIRECT UNSUBSIDIZED FEDERAL STAFFORD LOAN FOR INDEPENDENT STUDENTS

Application Procedures:

Students must file a FAFSA, receive a financial aid award notice, and have a Master Promissory Note and Loan Entrance Counseling on file. **See the application procedure for Federal Stafford Loan – Subsidized.**

Annual Student Loan Acknowledgement (ASLA)

All Loan Borrowers including New & Returning Students and Parents (taking PLUS Loans) are encouraged to Complete the "Annual Student Loan Acknowledgement (ASLA)" **every year** before the semester begins. Visit **studentaid.gov**. under "Loans and Grants" to complete this requirement on or after

May 1st of each year. The Annual Student Loan Acknowledgement will be used to inform borrowers what they owe – or could owe – in federal student loans and will be individually tailored toward first-time and current loan borrowers to help provide details surrounding loan status and forecasts of estimated monthly payments.

Selection of Recipients and Allocation of Awards:

To be eligible a student must:

1. be a graduate or independent undergraduate;
2. be a U.S. citizen or permanent resident alien;
3. be accepted or enrolled in a degree or certificate program; and
4. study at least half-time.

Loan Schedule:

1. $4,000 – during the first or second year of study.
2. $5,000 – after completion of the second year of the undergraduate program.
3. $20,500 – for graduate and professional students.
4. $57,500 – aggregate amount for undergraduate study.
5. $138,500 – aggregate combined subsidized/unsubsidized amount for graduate study.

Effective for loans disbursed on or after July 1, 2025, and prior to July 1, 2026, the interest rate is fixed at 6.39% for undergraduate students and 7.94% for graduate students. Loans disbursed on or after October 1, 2025, and before October 1, 2026, will be charged a 1.057% origination fee. This fee will be deducted from the student loan upon disbursement.

Rights and Responsibilities of Borrowers:

Repayment begins on the day of the last disbursement unless the student requests an in-school deferment on the loan application. Interest payments can be made quarterly, or they may be capitalized (added to the principal). All borrowers must complete direct loan exit counseling upon graduation or withdrawal from the university. Contact the Financial Aid Office about this requirement.

Method and Frequency of Disbursements:

First-time borrowers must complete direct loan entrance counseling before loan funds can be disbursed. Direct Stafford Loan proceeds are credited to a student's bill after the loan disbursement has been received by the Office of Student Accounts.

DIRECT PARENT LOANS FOR UNDERGRADUATE STUDENTS (PLUS)

Application Procedures:

Parents are able to apply for PLUS loans at **studentaid.gov**. Upon credit approval of the PLUS loan application, the Daemen Financial Aid Office will originate the loan. Borrowers must complete a Master Promissory Note at **studentaid.gov**.

Annual Student Loan Acknowledgement (ASLA)

All Loan Borrowers including New & Returning Students and Parents (taking PLUS Loans) are encouraged to Complete the "Annual Student Loan Acknowledgement (ASLA)" **every year** before the semester begins. Visit **studentaid.gov**. under "Loans and Grants" to complete this requirement on or after May 1st of each year. The Annual Student Loan Acknowledgement will be used to inform borrowers what they owe – or could owe – in federal student loans and will be individually tailored toward first-time and current loan borrowers to help provide details surrounding loan status and forecasts of estimated monthly payments.

Loan Schedule:

Parents, stepparents, or legal guardians who do not have an adverse credit history may borrow up to the cost of attendance minus any estimated financial assistance the student has been or will be awarded during the period of enrollment. Effective for loans disbursed on or after July

1, 2025, and prior to July 1, 2026, the interest rate for the Direct PLUS loan is currently fixed at 8.94%. Loans disbursed on or after October 1, 2025, and before October 1, 2026, will be charged a 4.228% origination fee. This fee will be deducted from the PLUS loan upon disbursement.

Rights and Responsibilities of Recipients:

The repayment period begins on the day the loan is disbursed and interest starts to accrue on that date. The first payment is due within 60 days from the date of disbursement. The maximum repayment period will be 10 years from the date of the promissory note. The minimum repayment period is normally five years, but shorter repayment periods can be arranged.

Method and Frequency of Disbursements:

Parent Loans for Undergraduate Students (PLUS) are credited to a student's bill after the loan disbursement has been received by the Office of Student Accounts.

DIRECT GRADUATE PLUS LOAN

Application Procedures:

Graduate students are able to apply for Graduate PLUS loans at **studentaid.gov.** Upon credit approval of the Graduate PLUS loan application, the Daemen Financial Aid Office originates the loan. Borrowers must complete their Master Promissory Note and Loan Entrance Counseling at **studentaid.gov**.

Annual Student Loan Acknowledgement (ASLA)

All Loan Borrowers including New & Returning Students and Parents (taking PLUS Loans) are encouraged to Complete the "Annual Student Loan Acknowledgement (ASLA)" **every year** before the semester begins. Visit **studentaid.gov**. under "Loans and Grants" to complete this requirement on or after May 1st of each year. The Annual Student Loan Acknowledgement will be used to inform borrowers what they owe – or could owe – in federal student loans and will be individually tailored toward first-time and current loan borrowers to help provide details surrounding loan status and forecasts of estimated monthly payments.

Loan Schedule:

Graduate students who do not have an adverse credit history may borrow up to the cost of attendance minus any estimated financial assistance the student has been or will be awarded during the period of enrollment. Effective for loans disbursed on or after July 1, 2025, and prior to July 1, 2026, the interest rate for the Direct Graduate PLUS loan is currently fixed at 8.94%. Loans disbursed on or after October 1, 2025, and before October 1, 2026, will be charged a 4.228% origination fee. This fee will be deducted from the Graduate PLUS loan upon disbursement.

Rights and Responsibilities of Recipients:

The maximum repayment period will be 10 years from the date of the promissory note. The minimum repayment period is normally five years, but shorter repayment periods can be arranged. In addition, applicants are required to complete FAFSA and they must have applied for their annual loan maximum eligibility under the Direct Stafford Loan program before applying for a Direct Graduate PLUS loan. This program takes effect for loans certified on or after July 1, 2006.

STUDY ABROAD

Students may be eligible to receive federal student aid for enrollment in Study Abroad Programs approved for credit by Daemen University. You will need to fill out FAFSA before you can receive federal student aid to study abroad. You should contact the Financial Aid Office to determine which types of aid you will be eligible to use for your study abroad program.

RETURN OF TITLE IV AID (R2T4) DUE TO WITHDRAWAL POLICY

HOW A WITHDRAWAL AFFECTS FINANCIAL AID

Federal regulations require Title IV financial aid funds to be awarded under the assumption that a student will attend the institution for the entire period in which federal assistance was awarded. When a student withdraws from all courses for any reason, they may no longer be eligible for the full amount of Title IV funds they were originally scheduled to receive. The return of funds is based upon the premise that students earn their financial aid in proportion to the amount of time in which they are enrolled. A pro-rated schedule is used to determine the amount of federal student aid funds earned at the time of the withdrawal. Once 60% of the semester is completed, a student is considered to have earned all their federal aid and will not be required to return any funds.

Federal law requires schools to calculate how much federal financial aid a student has earned if that student:

- Completely withdraws, or
- Stops attending before completing the semester, or
- Does not complete all modules (courses that are not scheduled for the entire semester or payment period for which he/she has registered at the time those modules began).

Based on this calculation, Daemen University students who receive federal financial aid and do not complete their classes during a semester could be responsible for repaying a portion of the aid they received.

HOW EARNED FINANCIAL AID IS CALCULATED

Students who receive federal financial aid must "earn" the aid they receive by attending and participating in classes. The amount of federal financial assistance the student earns is pro-rated. Students who withdraw or do not complete the semester may be required to return some of the financial aid they were awarded.

Institutions are required to determine the percentage of Title IV aid "earned" by the student and to return the unearned portion to the appropriate aid programs. Regulations require schools to perform calculations within 30 days from the date the school determines a student's complete withdrawal. The school must return the funds within 45 days of the calculation. For example, if a student completes 30% of the payment period, they earn 30% of the aid they were originally scheduled to receive. This means 70% of the scheduled awards remain "unearned" and must be returned to the federal government. Once 60% of the semester is completed, a student is considered to have earned all of their federal financial aid and will not be required to return any federal funds.

The following formula is used to determine the percentage of unearned aid that must be returned to the federal government:

- The percent earned is equal to the number of calendar days completed up to the withdrawal date, divided by the total calendar days in the payment period (less any scheduled breaks that are at least 5 days long).
- The payment period is the entire semester. However, for students enrolled in modules (courses that are not scheduled for the entire semester), the payment period only includes those days for the module(s) in which the student is registered.
- The percent unearned is equal to 100% minus the percent earned.

For students enrolled in modules: A student is considered withdrawn if the student does not complete all of the days in the payment period that the student was scheduled to complete. Daemen University will track enrollment in each module to determine if a student began enrollment in all scheduled courses. If a student officially drops courses in a later module while still attending a current module, the student is not considered withdrawn based on not attending the later module. However, a recalculation of aid based on a change in enrollment status may still be required.

STEPS IN THE RETURN OF TITLE IV FUNDS POLICY

Daemen University will determine:

1. The total amount of Title IV aid disbursed for the semester in which the student withdrew. A

student's Title IV aid is counted as aid disbursed in the calculation if it has been applied to the student's account on or before the date, the student withdrew.
2. The total amount of Title IV aid disbursed plus the Title IV aid that could have been disbursed for the semester in which the student withdrew.
3. The percentage of Title IV aid earned is as follows: the number of calendar days completed divided by the total number of calendar days in the semester in which the student withdrew. The total number of calendar days in a semester shall exclude any scheduled breaks of more than 5 days. *Days Attended ÷ Days in Enrollment Period = Percentage Completed*
4. If the calculated percentage completed exceeds 60%, then the student has "earned" all the Title IV aid for the enrollment period.
5. Daemen University will calculate the amount of Title IV aid earned as follows: The percentage of Title IV aid earned multiplied by the total amount of Title IV aid disbursed or that could have been disbursed for the term in which the student withdrew.
6. Amount of Title IV aid to be disbursed or returned

1. If the aid already disbursed equals the earned aid, no further action is required.
2. If the aid already disbursed is greater than the earned aid, the difference must be returned to the appropriate Title IV aid program.
    - *Total Disbursed Aid –Earned Aid = Unearned Aid to be Returned*

1. If the aid already disbursed is less than the earned aid, then Daemen University will calculate a post-withdrawal disbursement. If your post-withdrawal disbursement includes loan funds, your school must get your permission before it can disburse them. You may choose to decline some or all the loan funds so that you do not incur additional debt.

TYPES OF WITHDRAWALS

For financial aid purposes, there are two types of withdrawals: Official and Unofficial.

Official – an official withdrawal from Daemen University is initiated by the student via telephone, email, or in person and the completion of a Withdrawal Form.

Unofficial – an unofficial withdrawal occurs when there is no notification or official withdrawal by the student. The grade of UW (unauthorized withdrawal) is given to students who are consistently not attending class but who have not officially withdrawn.

DETERMINATION OF THE WITHDRAWAL DATE

The withdrawal date used in the return calculation of a student's federal financial aid is the actual date indicated on the official Daemen University Withdrawal Form. For students who do not officially withdraw, it is assumed that the student attended 50% of the enrollment period unless otherwise documented by the instructor.

WITHDRAWING PRIOR TO COMPLETING 60% OF A TERM

Unless a student completes 60% of the term in which federal aid was disbursed, the student will be required to return all or part of the federal financial aid disbursed in the term. This applies to students who have officially or unofficially withdrawn.

STUDENTS WHO DO NOT RECEIVE AN EARNED GRADE IN A TERM

Financial aid is awarded under the assumption that the student will attend Daemen University for the entire term for which federal assistance was disbursed. Daemen University is required to have a procedure for determining whether a Title IV recipient who began attendance during a period completed the period or should be treated as a withdrawal. Students who attended class but failed to meet the academic requirements of the course are awarded a grade of F, this is an earned grade. Students who started a course but stopped attending class at some point and were given a grade UW (Unauthorized Withdrawal) are considered an "unofficial" withdrawal. For students who do not

officially withdraw, it is assumed that the student attended 50% of the enrollment period unless otherwise documented by the instructor.

REPAYMENT OF FEDERAL AID PROGRAMS

Federal regulations require that the following aid programs be subject to the repayment calculation if the student did not attend 60% of the term in the following order:

1. Unsubsidized Direct Stafford Loan
2. Subsidized Direct Stafford Loan
3. Direct PLUS (Parent) Loan
4. Federal Pell Grant
5. Federal Supplemental Education Opportunity Grant (FSEOG)
6. TEACH Grant

OVERPAYMENT OF FEDERAL GRANTS FUNDS

Any federal grant money subject to repayment is returned by Daemen University and that amount will be billed to the student's billing account as a debt to Daemen University.

ADDITIONAL LOAN INFORMATION TO CONSIDER WHEN WITHDRAWING

When a student is enrolled less than half-time, the grace period begins. The student's grace period for loan repayments for Federal Direct Unsubsidized and Subsidized Loans will begin on the day of the withdrawal from the school. If the student is not enrolled, at least half the time for more than 6 months, the loans will go into repayment. The student must contact the U.S. Department of Education or their lender(s) to make payment arrangements. Loans must be repaid by the loan borrower as outlined in the terms of the borrower's promissory note. The student should contact their loan servicer if they have questions regarding their grace period or repayment status.

REPAYMENT OF UNEARNED FUNDS AND CONSEQUENCES

Unearned funds are paid to the U.S. Department of Education by Daemen University on the student's behalf. The school will return the funds within 45 days of the calculation. If the student owes any money to Daemen University resulting from the return of unearned federal financial aid, the student will be billed by Daemen University.

SCHOOL AND STUDENT RESPONSIBILITIES REGARDING THE R2T4 POLICY & PROCESS

Daemen University's responsibilities:

- Providing each student with the information given in this policy
- Identifying students affected by this policy and completing the R2T4 calculation
- Informing the student of the result of the R2T4 calculation and any balance owed to Daemen University because of a required return of funds
- Returning any unearned Title IV aid that is due to the Title IV programs and, if applicable, notifying the borrower's holder of federal loan funds of the student's withdrawal date
- Notifying student of eligibility for a Post-Withdraw Disbursement, if applicable

Student's responsibilities:

- Becoming familiar with the R2T4 policy and how withdrawing from all courses affects eligibility for Title IV aid
- Resolving any outstanding balance owed to Daemen University

B. NON-INSTITUTIONAL AID (FINANCIAL AID AWARDED THROUGH OUTSIDE AGENCIES)

FEDERAL PROGRAMS

PELL GRANT

Application Procedures:

Students may apply by filing a Free Application for Federal Student Aid (FAFSA). The applicant must be an

undergraduate student and must need financial assistance to continue his/her education.

Selection of Recipients and Allocation of Awards:

The Pell Grant is an entitlement program. The student eligibility index for financial aid is calculated by a formula developed by the U.S. Department of Education and reviewed annually by Congress. A calculated student aid report will be sent to the applicant. Based on this, the amount of the applicant's award is determined by the Financial Aid Office.

Award Schedule:

Awards range from $740 to $7,395 but not more than one-half the total cost of attendance. The amount of the award will be affected by costs and full or part-time enrollment status. Awards may be used for tuition, fees, books, and living expenses. The Pell Award does not duplicate state awards.

Rights and Responsibilities of Recipients:

The student must continue to make satisfactory academic progress in the program in which he/she is enrolled. The student must not owe any refunds on a Pell Grant or other awards paid, or be in default on repayment of any student loan. Before receiving payment, the student must sign an affidavit of educational purpose and an affidavit of selective service compliance.

Method and Frequency of Disbursements:

Federal Pell Grants are credited directly to a student's bill after enrollment and financial aid data have been verified by the Financial Aid Office each semester.

RESERVE OFFICERS' TRAINING CORPS (ROTC)

ROTC courses may be taken at Canisius University as part of the cross-registration agreement Daemen University has with the Western New York Consortium of Colleges. For further information, see the "Military Science" section of the catalog.

Reserve Officers' Training Corps (ROTC) scholarships pay all tuition, university fees, and a flat rate for books and academic supplies, plus a subsistence allowance. Three and two-year scholarships are available to qualified college students. No previous military or ROTC experience is necessary. An alternative to the scholarship program permits students to earn full pay and allowances for weekend service with the U.S. Army Reserve or the New York National Guard while enrolled as Army ROTC university students. For more information contact Daemen's Financial Aid Office at 839-8254.

VETERANS ADMINISTRATION (VA) EDUCATIONAL BENEFITS

Once applied and accepted at Daemen, veterans and other persons eligible to study using GI Bill® educational benefits will receive a personalized financial aid award letter from Daemen's Financial Aid Office providing estimated program costs, student aid eligibility, and other federal financial aid options. If you have already received notification of your GI Bill® award and have made your decision to attend Daemen, you must present the award letter or Certificate of Eligibility (COE) to the Daemen School Certifying Official. Generally, a brief meeting is required prior to certification.

If you are eligible but have not yet applied to use your benefits, you may do so by visiting **www.va.gov** and completing an application for the chapter of the GI Bill® in which you have eligibility. It is recommended that this application be submitted online to the Veterans Administration (VA) well in advance of registration in the event of VA backlog or processing issues that may arise.

Once enrolled and certified as a Daemen student, should you have to suspend your study due to service requirements, you may withdraw from courses with no financial liability. Depending upon the duration of service required, other options may be available to students who feel they have significant investment in the semester and who do not wish to withdraw from a semester entirely. In each case, you must notify the

School Certifying Official of your impending service requirement, and discuss financial options available to you. Regardless of the financial option chosen as a result of the service requirement, all service members may return to their academic program upon completion of service requirements.

BUREAU OF INDIAN AFFAIRS AID TO NATIVE AMERICANS HIGHER EDUCATION ASSISTANCE PROGRAM

Application Procedures:

Application forms may be obtained from the Bureau of Indian Affairs Office or www.bia.gov. An application and an official needs analysis from the university are required for each year of study. Each first-time applicant must obtain tribal enrollment certification from the Bureau agency or tribal office that records enrollment for the tribe.

Selection of Recipients and Allocation of Awards:

The applicant must:

1. be at least one-fourth American Indian, Eskimo, or Aleut;
2. be an enrolled member of a tribe, band, or group recognized by the Bureau of Indian Affairs;
3. be enrolled in or accepted for enrollment in an approved college or university, pursuing at least a four-year degree; and
4. have financial need. Depending on the availability of funds, grants may also be made to graduate students and summer session students. Eligible married students may also receive living expenses for dependents.

Rights and Responsibilities of Recipients:

For grants to be awarded in successive years, the student must make satisfactory progress toward a degree, and show financial need.

New York State Programs

Note: New York State financial aid programs are subject to change each state budget year. Please refer to **www.hesc.ny.gov** for a full list of grants, scholarships, and awards through the New York State Higher Education Services Corporation.

ARTHUR O. EVE HIGHER EDUCATION OPPORTUNITY PROGRAM (HEOP)

Application Procedure:

Students must complete the Free Application For Federal Student Aid (FAFSA).

Selection of Recipients and Allocation of Awards:

Applicants must be:

1. New York State residents;
2. matriculated undergraduate students at an independent college or university in New York State; and
3. academically and economically disadvantaged according to guidelines approved by the Board of Regents and the Director of the Budget. Selection of eligible applicants for participation in HEOP is made by the HEOP Director at Daemen in conjunction with the Financial Aid Office.

Award Schedule:

The amount of financial assistance and other support provided to HEOP participants is dependent on need as determined by the institution and the program, within the state guidelines. Awards are disbursed each semester and credited to the student's account.

TUITION ASSISTANCE PROGRAM (TAP)

Application Procedures:

New York State residents may apply for TAP by completing the FAFSA, releasing the information to

New York State, and indicating at least one New York State school on the form. The New York State Higher Education Services Corporation (NYSHESC) receives the FAFSA data and makes the online TAP application available. The student must complete the online application, including both student and parent NYS income information. All students (as well as spouse/parents if applicable) must electronically sign the TAP application prior to submission. Students are also able to apply for TAP directly at **www.tap.hesc.ny.gov/totw/**; TAP applications will not be processed without a valid FAFSA on file. More information about TAP can be found at **www.hesc.ny.gov/home/**. The Daemen University TAP institution code number is 0670.

Selection of Recipients and Allocation of Awards:

TAP is an entitlement program, with neither a qualifying examination nor a limited number of awards. The applicant must:

1. be a New York State resident and a U.S. citizen or permanent resident alien;
2. be enrolled full-time and matriculated at an approved New York State postsecondary institution. (To be considered matriculated, students are required to declare a major by the beginning of their junior year if enrolled in a baccalaureate program);
3. have, if dependent, a family net NYS taxable income of $125,000 or less, or if independent and single with no tax dependents, a net NYS taxable income of $30,000 or less, or independent undergraduate students who are married and have no other tax dependents with an NYS taxable income of $60,000 or less. Independent and dependent are defined differently for New York State TAP awards than they are for other forms of financial aid. See the Financial Aid Office for details. The Higher Education Services Corporation determines the applicant's eligibility and mails an award certificate directly to the applicant, indicating the amount of the grant. The applicant presents the institutional copy of the certificate when paying tuition.

Award Schedule:

The amount of the TAP award is scaled according to the level of study, tuition charge, and net taxable income. Maximum award is $5,665 per year. Undergraduate students may generally receive TAP awards for four years of study. Students enrolled in a state-sponsored opportunity program may receive undergraduate awards for five years.

Rights and Responsibilities of Recipients:

Students who receive TAP funding must maintain satisfactory academic progress in order to be certified as TAP-eligible for subsequent semesters (see Standards of Satisfactory Academic Progress chart). Students who have reapplied and been readmitted to Daemen University after attending another institution will have those transferred grades calculated into the GPA for financial aid eligibility purposes only. (Transfer students will be assumed to have a 2.0 GPA for their first semester at Daemen University).

Students may not combine undergraduate and graduate credits for TAP course load or course completion requirements. An undergraduate student eligible to take a graduate course must do so in addition to a minimum of 12 undergraduate credits for TAP purposes.

Repeating a course may affect TAP eligibility. Please note that TAP will not pay for courses for which a passing grade was received unless the student is registered for at least 12 credit hours of TAP-eligible coursework in ADDITION to the repeated course. Students should consult with the Offices of Financial Aid and Registrar for further information.

In determining full-time (12 credit hours) status, credit-bearing courses must be applicable to the student's program of study as a general education requirement, a major requirement, or a specified or free elective. Credit-bearing courses not integral to the student's program of study cannot be included as part of the minimum full-time (12 credit hours) requirement. A student will be deemed to meet the full-time or part-time study requirement in their last semester of eligibility if the student takes at least one course needed to meet their graduation requirements and the student enrolls in and completes at least 12 semester hours.

Full-time Study Waiver

Students may apply for a waiver to allow them to take courses outside of their program of study requirements to meet the full-time status requirement for state financial aid, subject to institutional approval, provided they enroll in at least 12 credits for that term under the following circumstances:

1. The student entered Daemen University with college credits earned while in high school or at another higher education institution that fulfill general education requirements and free electives (if applicable to program).
2. The student's program of study is subject to specific sequencing and the student is unable to proceed due to requirements of the sequencing.
3. The student is otherwise unable to register for a required course for reasons beyond the student's control.

During TAP certification each semester, if it is determined that the inability to meet the full-time status requirement is due to circumstances beyond the student's control, the student may apply for a waiver with the University. The waiver application must include:

1. An explanation why the student is unable to meet the full-time requirement due to academic constraints beyond their control;
2. Supporting documentation to verify the above extenuating circumstances (e.g., having earned advanced placement or other college credits in high school, transcripts showing how transfer credits impacted program of study enrollment, schedules demonstrating courses aren't available during the semester causing sequencing gaps);
3. An individual academic graduation plan, developed with the student's advisor, that prescribes how the student will fulfill degree coursework in their program of study if granted the waiver. This plan must document a detailed path toward degree completion while maintaining the minimum number of credit hours required for full-time study status toward the approved program of study.

If Daemen University grants approval on the waiver application, the institution must certify, and maintain documentation, that such waiver is in the best interest of the student. This full-time study waiver may be sought more than once, as needed.

Students who do not maintain the minimum standards of academic progress may be eligible for a one-time waiver which would allow the student to receive financial aid for the next semester. This waiver is not automatic, will be granted only in exceptional cases, and must not provide for an additional term of eligibility.

Students lacking a C average who have already received a one-time waiver may be eligible for a C average waiver. A C average waiver is separate from the one-time waiver and may be granted more than once if circumstances warrant.

Application for a waiver may be initiated through the Financial Aid Office. The final decision to approve or not approve the waiver rests with the Committee on Academic Standards.

Institutional Procedure:

1. Students will be notified if they have been decertified, and they will be informed of the waiver option and procedures that follow:

a. Waiver application forms are issued from the Financial Aid Office.

b. Applications will be considered only for extraordinary cases such as personal or family medical problems or severe personal problems.

c. It is the student's responsibility to submit the completed waiver application form to the Financial Aid Office by the due date.

A statement from the student explaining the reason for failure to make academic progress and outlining the plan of action to rectify the problem should be attached to the form. Written verification of the reason for the request (e.g., doctor's letter), as well as a letter from a Daemen employee (such as a professor, academic advisor, head of an academic program) who can make a

professional judgment attesting to the student's capacity to complete future coursework, successfully must also be attached to the form. Any other written documentation which would strengthen the student's request should also be submitted by the student. All written documentation must be received no later than the due date cited on the waiver appeals form.

2. The Committee on Academic Standards will review all completed waiver application forms and notify the Financial Aid Office and Bursar's Office of all waivers granted. The Committee's decision on the waiver request is final.

3. Written records of the findings and determination of each case will be maintained by the Office of Academic Affairs.

PART-TIME TAP PROGRAM

Application Procedure:

Complete the FAFSA and TAP applications.

Selection of Recipients and Allocation of Awards:

To be eligible for Part-Time TAP, a student must:

1. be a first-time freshman in the 2006-07 academic year or thereafter;

2. have earned 12 credits or more in each of the two consecutive semesters, for a minimum total of 24 credits earned;

3. maintain a minimum of a "C" average;

4. be a New York State resident and a U.S. citizen or permanent resident alien;

5. be matriculated in an approved program of study;

6. be taking 6 but fewer than 12 credits per semester;

7. not be in default on a student loan guaranteed by HESC;

8. meet income eligibility limitations (same as undergraduate TAP).

Award Schedule:

Students will receive a percentage of their full TAP award based on the number of credits taken and TAP points accrued.

AID FOR PART-TIME STUDY (APTS)

Application Procedure:

Part-time students seeking financial aid must complete the APTS application, which is available at the Financial Aid Office. Applications must be submitted to the Financial Aid Office within 30 days from the first day of class. A copy of the New York State tax return must accompany the application. Completed applications will be processed at the Daemen University Financial Aid Office.

Selection of Recipients and Allocation of Awards:

This form of financial aid is expressly intended for part-time students. Each participating college determines the eligibility and financial needs of its own part-time students. To be eligible for APTS, a student must:

1. be enrolled for 3-11 credit hours;

2. be a New York State resident, and a U.S. citizen or permanent resident;

3. have a net taxable personal income not exceeding $34,250 (if independent), or a net taxable family income not exceeding $50,550 (if dependent); and claimed as a tax dependent by your parents.

Award Schedule:

Awards provide up to $2,000 per year for part-time undergraduate study. APTS awards are based on financial need and the discretion of the university. Cumulative APTS funding may not exceed the student's New York State TAP eligibility.

Rights and Responsibilities of Recipients:

Students must maintain satisfactory academic progress. Recipients must reapply for each academic term they want APTS assistance. Satisfactory academic progress and dependent or independent financial status are defined as they are for New York State TAP grants.

REGENTS AWARD FOR CHILDREN OF DECEASED OR DISABLED VETERANS

Application Procedures:

Applications are completed online at **www.hesc.ny.gov**.

Selection of Recipients and Allocation of Awards:

The applicant must be:

1. The child of a veteran who died, or who acquired a disability of 40 percent or more in U.S. military service during one of the following periods:

Conflict and Applicable Periods of Service:

Afghanistan: 09/18/2001 – end of hostilities

Iraq: 10/16/2002 – end of hostilities

Persian Gulf: 08/02/1990 – end of hostilities

Vietnam/Indochina: 12/22/1961 – 05/07/1975

Korean Conflict: 06/27/1950 – 01/31/1955

World War II: 12/07/1941 – 12/31/1946

World War I: 04/06/1917 -11/11/1918

Students whose parent(s) was the recipient of the Armed Forces Expeditionary Medal, Navy Expeditionary Medal, or Marine Corps Expeditionary Medal for participation in Lebanon, Grenada, or Panama.

Conflict and Applicable Periods of Service:

Panama: 12/20/1989 – 01/31/1990

Grenada: 10/23/1983 – 11/21/1983

Lebanon: 06/01/1983 – 12/01/1987

2. A legal resident of New York State. Legal residence in New York State on the part of the parent at the time of entry into military service or (if the parent died as the result of military service) at the time of death is also required. Regents awards to children of deceased or disabled veterans are independent of family income or tuition charge and are in addition to such other grants or awards to which the applicant may be entitled.

Award Schedule:

The amount of the award is $450 per year, for up to five years of full-time study.

MEMORIAL SCHOLARSHIP FOR FAMILIES OF DECEASED FIREFIGHTERS, VOLUNTEER FIREFIGHTERS, POLICE OFFICERS, PEACE OFFICERS, AND EMERGENCY MEDICAL SERVICE WORKERS

Who is Eligible:

Must be a child or spouse of a deceased firefighter, volunteer firefighter, or emergency medical service worker, police officer, or peace officer, who died as a result of injuries sustained in the line of duty.

Application Procedures:

Applications are completed online at **www.hesc.ny.gov**.

Award Schedule:

The amount of the award will equal the applicant's actual tuition cost or the State University of New York undergraduate tuition, whichever is less.

NEW YORK STATE WORLD TRADE CENTER MEMORIAL SCHOLARSHIPS

Who is Eligible:

Children, spouses, and financial dependents of deceased or severely and permanently disabled victims of Sept. 11, 2001, terrorist attacks on the United States or the subsequent rescue and recovery operations. This includes victims at the World Trade Center, Pentagon, or Flights 11, 77, 93, or 175.

Application Procedures:

Applications are completed online at **www.hesc.ny.gov**.

Award Schedule:

At a private institution an amount equal to SUNY four-year college tuition and average mandatory educational fees including allowances for room and board, books, supplies, and transportation.

STATE AID TO NATIVE AMERICANS

Application Procedures:

Application forms may be obtained from the Native American Education Unit, New York State Education Department, Albany, NY 12234. The completed application form should be forwarded by the applicant to the Native American Education Unit along with the following materials:

1. official transcript of high school record or photostat of general equivalency diploma;

2. letters of recommendation from one or more community leaders attesting to personality and character;

3. a personal letter, setting forth clearly and in detail educational plans and desires;

4. signatures of the parents of minor applicants, approving education plans; and

5. an official tribal certification form.

Selection of Recipients and Allocation of Awards:

The applicant must be:

1. a member of one of the Native American tribes located on reservations within New York State;

2. have graduated from an approved high school, have earned a general equivalency diploma, or be enrolled in a program in an approved postsecondary institution; and

3. planning to attend an approved post-secondary institution in New York State.

State Aid to Native Americans is an entitlement program. There is neither a qualifying examination nor a limited number of awards.

Award Schedule:

The award is granted up to $2000 per year for a maximum of four years of full-time study, at a minimum of 12 credit hours per semester.

Rights and Responsibilities of Recipients:

Students are responsible for notifying the Native American Education Unit in writing of any change in student status or program.

Daemen University Programs

Students must complete the Free Application for Federal Student Aid (FAFSA) for all Daemen University financial aid programs.

PRESIDENTS, FOUNDERS, and TRUSTEE SCHOLARSHIPS

Daemen University offers scholarships to eligible first-year students and transfer students based on academic merit. These scholarships are renewable for each year of

full-time undergraduate enrollment as long as a 3.00 Daemen University grade point average is maintained.

DEANS and DISTINGUISHED FACULTY SCHOLARSHIPS

Daemen University offers scholarships to eligible first-year students and transfer students based on academic merit. These scholarships are renewable for each year of full-time undergraduate enrollment as long as a 2.5 Daemen University grade point average is maintained.

ALUMNI GRANTS

The University offers grants to first-year students and transfer students based upon their academic credentials. These grants are renewable for each year of full-time undergraduate enrollment as long as a 2.0 Daemen University grade point average is maintained.

INTERNATIONAL SCHOLARSHIPS

International students who complete the entire application process will have an opportunity to receive scholarships based on academic merit. These scholarships are renewable for each year of full-time enrollment as long as a 3.0 Daemen University grade point average is maintained.

ATHLETIC SCHOLARSHIPS

A limited number of basketball, volleyball, soccer, cross country, track & field, tennis, bowling, lacrosse, and triathlon scholarships are awarded to students who must be fully matriculated, meet all player-eligibility criteria set forth by Daemen University, the East Coast Conference (ECC), and the National Collegiate Athletic Association (NCAA), and be recommended by Daemen University's coaching staff and Athletic Director.

DAEMEN UNIVERSITY GRANT

This grant is awarded to students based on demonstrated financial need. The dollar amount will vary. A Daemen University grant may be renewed or continued only if a student maintains satisfactory academic progress and demonstrates financial need.

DAEMEN UNIVERSITY WORK PROGRAM

Funded by Daemen University, this award is designed to help students meet their university costs. The hours worked per week will vary. Students are paid minimum wage.

VISUAL ARTS SCHOLAR AWARDS

$5,000 renewable scholarship. Eligibility is based on the high school academic average and evaluation of art portfolio.

REFUND ATTRIBUTION POLICY

When a student withdraws from the University prior to the end of a semester, the University's refund policy will be used to determine the amount a student will be charged for tuition and other semester charges. Once this amount has been calculated, the Refund Attribution Policy determines the order in which refunds or overpayments of financial aid are distributed back to the applicable programs for up to the full amount received. Funds are returned first to the Title IV Programs and then to Non-Title IV programs in the following order:

TITLE IV PROGRAMS	NON-TITLE IV PROGRAMS
Direct Unsubsidized Stafford Loans	NYS TAP
Direct Subsidized Stafford Loans	Daemen University Scholarships/Grants
	Private Scholarships/Grants
PLUS Loan	Private Loans
Federal PELL Grants	

FSEOG	
Other Title IV Student Aid	

CONSOLIDATION LOAN PROGRAM

Student borrowers who are in repayment or in their grace period are eligible for loan consolidation. A consolidation loan is designed to help student borrowers consolidate several types of federal student loans with various repayment schedules into one loan. With a consolidation loan, only one payment a month is made. Any consolidation loan made will be counted against a borrower's limitations for aggregate indebtedness under the Student Loan Program. Additional information regarding loan consolidation can be found at **studentaid.gov**.

C. OTHER FINANCIAL AID SOURCES

Many other governmental agencies, private foundations, professional associations, and commercial firms offer scholarships, loans, and other forms of financial aid to qualified and deserving students. Daemen University's Financial Aid Office can help you locate and apply for these additional sources of financial aid.

Student Life & Student Services

Housing and Residence Life

Housing on campus is provided in a variety of living environments to meet varying needs of students.

Canavan Hall, housing approximately 260 students, is primarily used as first-year and upper-class student housing. Canavan is a five-story suite-style residence hall. Two bedrooms share a bathroom; lounges and laundry facilities are on each floor. Rooms are either doubled or tripled, and all floors are co-ed living by suite.

The Campus Apartments, housing 384 students, is a complex of seven two-story apartment-style buildings, providing housing typically for upper-class students. Each apartment houses four students and consists of four bedrooms, two bathrooms, a living room, and a full kitchen. Laundry facilities are available within each building.

Daemen University collaborates with Collegiate Village, an independently operated housing complex, which typically houses upper-class students and transfer students. Housing is apartment-style and includes full-size beds, individual bathrooms, and laundry facilities within each apartment. Transportation is provided between Collegiate Village and Daemen's campus.

At times, housing demand exceeds the available beds on campus. When that happens, Daemen works with local hotel partners and students are housed there until a space on campus or in Collegiate Village is available.

A trained Residence Life staff member is available to assist residential students with their social, academic, and personal needs. Living on campus provides a student's place of residence as an integral part of the total educational experience.

Breakfast, lunch, and dinner are served on weekdays in the John R. Yurtchuk Student Center; brunch and dinner are served on Saturdays and Sundays. Adequate parking is available for non-Canavan resident students who need to park their cars on campus. Students residing in Canavan Hall are able to have cars but must park them at Collegiate Village. All vehicles (including those belonging to Canavan residents) must be registered with the University; parking permits are required.

Residence Halls are open only while classes are in session. If housing is needed during breaks and holidays, students must complete a break housing form in accordance with the timeline set forth by the Housing & Residence Life Office. Students requesting to stay must be granted approval and must have a Daemen-related reason to stay on campus (e.g., athletics, class). There may be a cost associated with staying over breaks.

Daemen University Housing Residency Requirement

All first-time, full-time students who reside outside of a 30-mile radius of campus are required to live in on-campus housing during their first two (2) years at Daemen University (four consecutive semesters total). If a student is commuting from home and residing with parent(s) or legal guardian(s) they are exempt from the on-campus residency requirement.

Incoming transfer students who have had prior on-campus housing at another institution will be able to count that time towards this requirement. Incoming transfer students who are over age 23 prior to the start of the semester for which they are enrolling will be able to request an exemption from this policy.

In order for the Office of Housing and Residence Life to assist students as best possible, students need to follow strict timelines in order to be placed where they have requested. For dates and timelines, please refer to the Residence Life website.

Gender Inclusive Housing

The Office of Housing and Residence Life permits non-first-year students of any gender to room with one another in a campus apartment. Students who are interested in this living arrangement must request this option as a group during the housing selection process.

Students living in the same gender-inclusive apartment must keep separate bedrooms. The University does not assign students of different genders to the same apartment unless students agree to this arrangement.

Commuter Life

Over half of the student body commutes to campus for classes and activities. During the day and after classes, many commuters study in the Research & Information Commons (RIC) or socialize in the John R. Yurtchuk Student Center. Commuter students are encouraged to become involved in student organizations and to participate in student activities. Information about campus life and student events is provided through the Daemen website, Daemen Connect, @daemenlife and @daemenuniversity social media pages, and regular Daemen University email communications. Microwaves are available in various locations on campus for those who opt to bring their own lunch. A la carte meals are available for purchase at The Wildcat Den. More substantial, all-you-can-eat meals may be purchased in the John R. Yurtchuk Dining Hall for cash, credit, or "CAT Cash." Private lockers for commuter students are available in several campus academic buildings. Parking permits are required of all persons (residents, commuters, faculty, staff, and visitors). Apply for a parking permit via your MyDaemen page.

John R. Yurtchuk Student Center

The John R. Yurtchuk Student Center serves as the "living room" of our campus, where students, faculty, staff, and community members alike can meet. The John R. Yurtchuk Student Center houses a variety of multi-purpose rooms, community areas, the campus game-room, and is also home to our main dining options on campus. With doors open to students 24 hours a day, the John R. Yurtchuk Student Center offers something for everyone, whether they are looking for a place to sit and study or a place to socialize with friends outside of the classroom. Students are also encouraged to utilize the outdoor volleyball court, basketball court, lawn games, fire pit, and propane grill. In addition to the public student usage spaces, the John R. Yurtchuk Student Center is home to various administrative offices, including Student Affairs, Student Activities, Residence Life, the CHIP Center, Career Services, and Campus Safety. Dining options are also available in the Wildcat Den and the John R. Yurtchuk Dining Hall.

Student Activities

The Student Activities Office supports the coordination of student organization-sponsored programming and is the sole authorization for such programming. This office also approves the student usage of the John R. Yurtchuk Student Center. All students in good academic standing are encouraged to join in extracurricular activities including the Student Government Association (SGA), Greek organizations, honor societies, special interest groups, academic student organizations, student publications, and the Campus Activities Team (CAT). These extracurricular activities are important because they provide the development of leadership skills and engagement outside of the classroom.

Student Government Association

The single most important element in the student self-governing process at Daemen University is the Student Government Association (SGA). All students are *ipso facto* members of the Student Government Association, and the Student Activities fee, collected by the University provides the budget with which the Student Government Association operates its comprehensive programs and cooperative efforts with administrators and faculty to enhance the social and academic life of the University.

Each spring Daemen University holds an election for the four Student Government Association Executive Board members and four of the five class representatives. The first-year class representative is elected at the beginning of the fall semester. These five representatives together with the four-member Executive Board comprise the nine-member Student Government Association Senate.

The purpose of the Student Government Association Senate is to act as students' official representative, to articulate students' views, and to advocate for students' best interests with the administration, faculty, other campus groups, and the community in general. The Student Association Senate also votes on recognized student organization funding requests and works closely

with the Student Activities Office on all aspects of campus programming.

Publications

Students interested in writing, photography, art, and graphic design produce Daemen's online newspaper, *The Insight*, and the University's literary magazine, *Iconoclast*. These publications provide an opportunity for students in any major to develop additional marketable skills and contribute to collegial discourse and student life.

Intercollegiate Athletics, Intramurals, and Club Sports

Daemen Athletics is a NCAA Division II member of the East Coast Conference. Daemen Athletics sponsors 17 teams including: men's and women's basketball, soccer, tennis, cross country, track & field, volleyball, women's bowling, women's lacrosse, and cheerleading. As the Buffalo-Niagara Region's premier NCAA Division II athletics program, the mission of Daemen Athletics is to create tomorrow's leaders by developing championship-caliber student-athletes today.

Daemen Athletics is also committed to providing first-rate recreation and intramural programs for all Daemen students, faculty, and staff. The robust recreational programming includes special events and weekly group fitness classes available throughout the academic year. Daemen's intramural program also provides students of all skill levels the opportunity to get active, meet friends, and have fun through participation in numerous sport leagues offered each semester, including volleyball, dodgeball, basketball, pickleball, soccer, and many more. In addition, students have the opportunity to join a club sport to represent Daemen in intercollegiate competitions against other clubs from nearby universities. Most recently, Daemen established a women's flag football club as well as a club archery team. The club archery team is for students to enjoy recreationally or train to qualify for USA Archery sanctioned events, including local, state, and national competitions.

More information can be found on the Daemen Athletics website **daemenwildcats.com**.

Western New York Activities and Recreation

Social gatherings and events, plays, movies, concerts, lectures, recitals, and art exhibits are scheduled on campus throughout the year. Eleven colleges and universities in the area offer a range of opportunities for social and cultural enrichment. The Buffalo area is well known for its architectural and historical heritage; its cultural vitality in the form of art galleries, history, and science museums, a zoo and a botanical garden, theaters, clubs, music groups, and a wonderful philharmonic orchestra; and its professional football, hockey, lacrosse, and baseball teams. Scores of good restaurants cater to almost every taste in dining, from gourmet to fast food, with a wide diversity of cuisines and cultures represented. There are theme parks at Darien Lake and Niagara Falls. Beaches along Lake Erie and Lake Ontario offer swimming and boating opportunities. Cross-country ski and hiking trails are everywhere in suburban Buffalo, with downhill ski slopes an hour's drive away. The Genesee River Gorge, the Finger Lakes, and the Southern Tier woods and waterways offer nearby outdoor recreation all year. The Artpark, Chautauqua, and Niagara-on-the-Lake festivals and special events enrich Western New York's cultural and intellectual life. The city's metropolitan area bus system serves the campus and the subway runs from downtown Buffalo to a location on Main Street a mile away from Daemen.

Student Success Center

The Student Success Center (SSC), located on the first floor of the Research and Information Commons (RIC), houses the Office of Academic Advisement, Academic Support and Engagement, and Accessibility Services. The Arthur O. Eve Higher Education Opportunity Program (HEOP) operates in close collaboration with the SSC and has its own dedicated space in DS118, working in tandem with SSC offices to support student success. For more information, contact the SSC at (716) 839-8228.

Academic Advisement

All students are assigned advisors – full-time faculty in the department of each student's declared major – who are available during registration periods and throughout the academic year to assist students. Students who have not yet declared a major are advised by professional staff advisors in the Office of Academic Advisement. Academic advisors and faculty advisors are available to help students make appropriate decisions related to scheduling, course sequencing, degree requirements, changing majors, and other university regulations.

The Academic Advisement office works closely with students and offers guidance on academic, personal, and social matters. Academic Advisement staff monitor students' academic progress, assist students with their adjustment to the University, maintain close contact with the faculty, and provide special counseling to students on academic probation.

Academic Support and Engagement

At Daemen University, we pride ourselves on offering an unparalleled support network designed to empower students throughout their academic journey. Our dynamic academic coaching program, led by outstanding peers handpicked by faculty and rigorously trained, spans a vast array of subjects. Professional coaches further enrich this network, specializing in writing, and study skills ensuring that every student has access to comprehensive and expert assistance.

Academic coaching at Daemen is highly accessible and flexible, available through both individual appointments and group sessions. This personalized guidance is tailored to meet each student's unique needs, fostering an environment where everyone can thrive. Our dedicated Writing Specialist is also on hand to support any writing task, providing insightful advice and constructive feedback that can transform a good paper into a great one.

For those seeking broader academic success strategies, our Director of Academic Support and Engagement offers one-on-one meetings that delve into essential skills such as time management, memory enhancement, test-taking techniques, and identifying personal learning preferences. This holistic approach equips students with the tools and knowledge they need to excel both inside and outside the classroom. Our robust support network is not just a resource—it's your partner in achieving academic excellence and unlocking your full potential. (**daemen.edu/coach**).

Arthur O. Eve Higher Education Program

This State and University sponsored program is specifically tailored to provide support for New York State residents who may not meet the traditional criteria for university admission but possess the potential for academic success. The Arthur O. Eve Higher Education Opportunity Program (HEOP) offers a valuable opportunity for individuals holding a high school diploma or equivalency, along with demonstrated financial need, to pursue higher education. Applicants are required to submit specific income documentation in accordance with state guidelines to determine their eligibility.

HEOP students are warmly welcomed into the TRI Scholars Academy, an extensive five-week residential summer program. This transformative experience serves as an introduction to academic life at Daemen University and offers invaluable opportunities for personal growth. The program centers around building a strong educational foundation, equipping students with essential skills and readiness for university life. Emphasis is placed on enhancing proficiency in math, reading, writing, and study skills.

Throughout the academic year, HEOP students benefit from ongoing individual and group counseling that addresses various aspects of their college experience. This dedicated support system is designed to address the unique needs and challenges that students may encounter throughout their educational journey. By participating in the Arthur O. Eve Higher Education Opportunity Program, students not only gain access to a high-quality higher education, but also benefit from a comprehensive support system that fosters their academic, personal, and financial success.

Accessibility Services

Students with permanent or temporary disabilities may confidentially self-disclose to Accessibility Services via email: access@daemen.edu or by phone: 716-839-8228. This begins the interactive process to determine reasonable and appropriate accommodations within the academic setting or the campus environment (student housing, dining, etc.). Reasonable accommodations are determined on a case-by-case and course-by-course basis and may not fundamentally alter the nature of a program, course, program, or activity.

Please see Accommodation of Students with Disabilities and Disability Documentation Guidelines for more information.

Campus Store

The Daemen University Campus Store (Barnes & Noble #8388), located on the ground floor of Duns Scotus Hall, carries all required and optional textbooks (new and used), as well as study and exam guides. Daemen University's All Access Pass program gives you access to all of your course materials before the first day of class. For more details on the All Access Pass visit us at **Daemen.edu/allaccesspass**.

The campus store also carries school supplies, trade books, art supplies, Daemen University clothing, and gifts. Research and supplementary texts can be specially ordered. The campus store accepts cash, Mastercard, Visa, Discover, and American Express. We also make arrangements with the office of student accounts to set up "book credit" accounts for students who wish to use their financial aid for the purchase of textbooks and supplies. Visit the college store at **daemen.bncollege.com** or from the Daemen home page under "student services."

Career Services

The Career Services' commitment to our students begins the first day on campus and lasts throughout the student's lifetime. The office provides a multitude of free services and supports to prepare and empower students to achieve their career goals.

The benefit of a small university is Daemen's personalized approach. This student-centered approach includes advising, offering individualized assessments, networking events as well as career workshops and presentations specific to our majors. Students have the opportunity to attend many programs on campus, including monthly Recruiters on Campus, professional panel discussions, resume preparation workshops, networking events, and the annual Career & Internship Expo.

Career Services works closely with the Global Programs Office (GPO) to support international internships as a stand-alone opportunity or added as part of the international educational experience. Students should meet with a Career Services Adviser to explore these opportunities. Information about these programs is also provided by GPO throughout the academic year.

Career Services staff have real-world experience in business and community connections to ensure the creation of a successful career strategy. More information can be found on the department website: **daemen.edu/career**. To schedule an appointment, please call (716) 839-8334 or email **careerservices@daemen.edu**.

Career Field Experience

The Career Field Experience program provides students with the opportunity to gain work experience related to their academic major. Students may earn up to 12 hours of academic credit for internships during their university career. Organizations include locally and nationally recognized businesses, industry, government, health-related facilities, and educational and cultural institutions.

Successful completion of the online CFE 97-Career Preparation, Exploration, and Professionalism Seminar (CPEP) is required prior to the approval of the Career Field Experience. There is no charge for this seminar.

Opportunities with the Washington Internship Institute (**wiidc.org**) are also available in the fall and spring semesters through the University's partnership in Washington, D.C. Opportunities with the New York

State Assembly Internship program (**assembly.state.ny.us/internship/**) are available in spring semester through the University's partnership in Albany, NY. The New York State Assembly Internship Committee awards a stipend to each Session Intern. Also, opportunities with the Disney Internship Program (**sites.disney.com**) offer students an immersive and transformative experience within the magical world of Disney. More information on both opportunities can be found at (**daemen.edu/career**).

Classroom & Events Technology

Classroom & Events Technology provides the University community with support for classroom technology and instructional equipment. This includes computers, video projectors, document cameras, digital video cameras, sound design & assistance, and other digital & analog equipment. They can be reached by phone at (716) 839-8430.

Computing Services

The Office of Information Technology provides support for the University and its instructional, research, data, communication, and technology needs.

Daemen Access

Many courses mix web content, online discussion groups, and other electronic resources with traditional lectures and in-class discussions, for a rich and varied learning environment. In order to access all of that, students and faculty are issued a Daemen Account. This Account grants entry to our high-speed network and systems (i.e. Blackboard, Self-Service, MyDaemen, etc.).

Personal Computing

Computing plays an integral part in a Daemen education. While there is no requirement for students to buy a computer, over 90% of our students have their own, the most popular being laptops. If you are planning to get your own, either Windows or Mac will work. It is recommended you have 16gb RAM & 256gb storage (SSD or NVMe).

We do not suggest Chromebooks.

Computer Labs

If you do not have a personal computer, there are open computer labs located in the Research & Information Commons and the Business Building. These labs contain Windows computers configured with a standard software package and high-speed internet access.

For students taking classes in Animation, Graphic Design, Natural Sciences, Mathematics, and Psychology, there are additional computers available in those Departmental labs.

Network

Our campus operates on a 3Gb/s network, which is accessible across all offices, classrooms, labs, and residence halls via Ethernet and/or Wireless. Students living on campus can access this high-speed network free of charge.

Software

Daemen University is a Google campus and thus utilizes their suite of applications for email (Gmail), web browsing (Chrome), documentation (Docs, Sheets, Slides), storage (Drive), and video communication (Meet). Daemen also has licensing agreements with Adobe, Microsoft, IBM SPSS, and others to provide our students, faculty, and staff with access to the most widely used productivity software.

Instructional Technology

Each classroom has a teaching station equipped with a computer, monitor, keyboard, mouse, projector, and audio equipment. Some specialized rooms have additional features. Faculty may use computer lab classrooms for hands-on computer instruction, or use cart-based wireless laptops to turn any conventional classroom into a computer lab.

For more information, please visit **daemen.edu/computing.**

CHIP Center – Counseling, Health, Insurance & Prevention

The CHIP Center, Daemen's student wellness center, is conveniently located on the first floor of the John R. Yurtchuk Student Center. The CHIP Center offers student services including but not limited to individual counseling sessions, a wellness kiosk (free, over-the-counter wellness products), referrals to community-based services, and wellness programming year-round.

Students describe the CHIP Center as a calm, peaceful, welcoming, and stress-relieving space on campus. In addition to offices and waiting areas, the CHIP Center offers a prayer and meditation room and gender-neutral restroom. The CHIP Center team looks forward to helping each student promote lifelong physical, emotional, and spiritual well-being.

Counseling Services

The counselors at Daemen University serve the psychological well-being of the campus community so that students may be successful academically, ethically, spiritually, and personally. All registered Daemen students are eligible to attend up to 15 sessions per academic year free of charge. Services provided include: individual counseling, mediation, consultation, and resource connection. Common reasons students utilize counseling services include mental health needs, interpersonal challenges, and/or coping with academic difficulties.

All counseling sessions are confidential. Student privacy and trust are of utmost importance and are protected by state laws and professional ethical standards. No information can be released without a student's written authorization. Confidentiality is legally limited and will be discussed during a student's first session with their counselor. Students are encouraged to ask questions or express any concerns they have about confidentiality.

In-person counseling appointments take place in the CHIP Center counseling offices (John R. Yurtchuk 117-120). Virtual counseling appointments are also available. To schedule an appointment, students can complete the support form online at daemen.edu/counselingsupport.

For more information, visit daemen.edu/counseling.

Health and Insurance Services

The health & insurance services office is home to the Wellness Kiosk, a free, self-service resource for students to access over-the-counter wellness items. The public health professionals in this office work with students to identify and overcome barriers to accessing and utilizing wellness services on campus and in the community. Additionally, the health & insurance services team ensures students are compliant with immunization requirements and maintains confidential immunization and medical records.

Health Records

In compliance with New York State Public Health Laws 2165 and 2157, students are required to submit immunization records as outlined below:

- Students born on or after January 1, 1957, and taking 6 or more credits are required to submit proof of immunization for Measles, Mumps & Rubella (vaccinations or titers).
- Students taking 6 or more credits must submit proof of immunization (or submit a declination) for Meningococcal disease (completed vaccination or vaccination series within the past 5 years or a signed waiver declining the vaccination).

For more information on this requirement, health forms, and more, visit daemen.edu/healthrequirements.

Health Insurance

Daemen University requires all students who meet at least one of the criteria listed below to annually submit proof of health insurance (photo of the insurance card) that permits access and utilization of medical care in the Buffalo New York area OR enroll in Daemen's student health insurance plan through United Healthcare. Students must be enrolled for the full academic year.

If a student fails to complete this process by the semester deadline the student will automatically be enrolled in Daemen's student health insurance plan and the premium (annual cost) will be added to the student's bill.

- Students living in residential housing (including but not limited to Campus Proper, Snyder Park and Collegiate Village)
- Students who have international student status
- Students participating in an intercollegiate sport
- Students participating in the clinical portion of their academic program

International students are required to enroll in Daemen's student health insurance plan or an approved plan through PGH Global. These plans are vetted and ensure that international students have essential health insurance coverage while in the United States. Travelers insurance plans are not accepted by Daemen University.

Daemen University also offers a student health insurance plan through United Healthcare that is compliant with the Affordable Care Act and provides affordable, comprehensive insurance benefits with low prescription costs, telehealth & telecounseling services. Any student taking 6 credits or more is eligible to enroll and eligible students who do enroll may also insure their dependents.

For more information, visit daemen.edu/insurance.

Medical Care

The CHIP Center team connects students to local health and wellness organizations in the Buffalo, NY area. For acute medical needs, students can visit the Wellness Kiosk in John R. Yurtchuk 116 to access free, on-the-go wellness products. For more emergent medical needs, students visit an urgent care center, conveniently located within 2 miles of the Amherst campus.

For more information, visit daemen.edu/medical.

Wellness Initiatives

The CHIP Center partners with community-based organizations to offer on-campus wellness opportunities including but not limited to: screenings for sexually transmitted infections (STIs), flu shot clinics, blood drives, and other wellness events. As a collaborative partner with the Wildcat Wellness student team, students have access to fun, engaging, and educational wellness opportunities year-round. Wildcat Wellness and CHIP Center events focus on practicing self-care, mental health awareness, and linking students to services on and off campus.

HOPE Center (Home for Opportunity, Purpose, and Engagement)

The HOPE Center is the heart of our commitment to cultivating a vibrant, welcoming, and inclusive campus community. In close collaboration with campus and community partners, the Center provides transformative educational experiences that embrace the richness of people and ideas, encouraging meaningful dialogue and mutual understanding.

As one of the university's central hubs for belonging and student engagement, the HOPE Center offers impactful opportunities that support the personal, academic, and professional development of all students. The Center is dedicated to creating environments where individuals feel valued, supported, and empowered to explore their identities, connect across differences, and contribute to the greater good.

Through leadership development, cultural exploration, and intentional community-building, the HOPE Center fosters a learning experience rooted in respect, compassion, and shared responsibility—strengthening our campus for the benefit of all.

Global Programs

The Global Programs Office provides information and services for Daemen students desiring to study abroad, as well as international students who have chosen Daemen for their undergraduate and/or graduate education.

Experiencing the world from another cultural perspective is essential for preparing students for global citizenship. Please see the Global Programs' **study abroad website** for details of specific programs. All students studying abroad while at Daemen must meet with Global Programs staff for program

information, application assistance, and University approval of their international educational experience.

The Global Programs Office provides comprehensive assistance and support for the community of international students at Daemen University. Staff members help international students with their initial adjustment to the University and the Buffalo area. The office provides information and advice about immigration regulations, cultural differences, and personal concerns.

The Daemen University Library

The library is located in the Research & Information Commons (RIC). Research librarians are available to consult with students and faculty to find the information resources they need, as well as provide classroom instruction and one-on-one research appointments.

The library has comprehensive collections of e-book and print book titles, as well as robust offerings of digital and print periodical subscriptions and streaming video. Our collections support teaching and scholarship in all disciplines. Fast and easy interlibrary loan is available for specialized and unique information needs.

All library study spaces within the RIC have wireless connectivity. Quiet study spaces are available on the second floor, with talking permitted study space on third and group study rooms on both floors. The RIC is also outfitted with a seminar and animation theater and presentation rooms. Students will find comfortable furnishings and inspiring surroundings, with a café nearby in the Atrium.

The library homepage is accessed through the MyDaemen portal.

RIC hours during the academic semester:

Sunday 10 am – 1 am

Monday – Thursday 7 am – 1 am

Friday 7 am – 11 pm

Saturday 9 am – 11 pm

Summer and Intersession Schedule:

Monday – Friday 8 am – 7 pm

Changes to this schedule are posted in advance on the library homepage.

Nancy Haberman Gacioch Center for Veterans

The Gacioch Center for Veterans at Daemen University is dedicated to supporting the success of veteran scholars and eligible family members throughout their postsecondary education journey. Our mission is to coordinate a comprehensive range of services that address their academic, financial, physical, and social needs. As a designated Military Friendly School and participant in the Yellow Ribbon Program, we are deeply committed to providing exceptional service to those who have bravely served our country, as well as their eligible beneficiaries.

We understand that transitioning from military service to civilian life, including the challenges of pursuing a university degree, can be demanding for both students and their loved ones. Our professional staff collaborates with various departments to offer assistance throughout the admissions process, provide financial information, deliver academic support and advice, and act as liaisons with other campus offices, including those catering to students with unique needs. Furthermore, the Center can guide students in navigating resources available through the Veterans Administration and other community organizations.

In order to receive veteran's educational benefits, students must undergo certification by the School Certifying Official. It is vital for students to promptly notify the Certifying Official of any changes in enrollment, major, or other pertinent information. Compliance with federal regulations is closely monitored by the Certifying Official, who assesses attendance and performance. Should a student fail to meet performance and/or degree progress or pursuit policies, the Certifying Official retains the authority to

terminate educational benefits. This measure upholds the program's integrity and ensures accountability.

The Gacioch Center for Veterans is available 24/7, providing round-the-clock support and assistance to meet the needs of our veteran scholars and eligible family members. It is a dedicated veteran student lounge that provides a comfortable and welcoming environment for study, dialogue, and rest.

Registrar

The Registrar's Office provides the following services for students:

- preparing course offerings for each term which are accessible on Self Service on the Daemen website;
- processing registrations for courses that require a permit to register;
- after the last day for drop/add, processing withdrawals from courses for students who submit a withdrawal form;
- processing mid-term and final grades, as well as Incomplete and other grade changes, for publication on Self Service;
- designing/revising/customizing evaluations for all degree, certificate programs, and minors (and approved curricular substitutions), thereby enabling students and advisors to monitor progress towards program completion and explore the status of other programs;
- evaluating transfer studies for incoming transfer students and returning students who complete transfer studies with departmental approval;
- verifying candidates for graduation/degree conferral/Commencement honors; release of diplomas;
- verifying candidates for completion of certificate programs; preparation and release of certificates;
- processing and verifying changes in student status and general student directory information;
- collaborating with the Faculty Athletic Representative regarding certification of student-athletes for participation in intercollegiate athletics;
- processing transcript requests and providing transcripts;
- processing professional licensure applications as appropriate.

Academic Regulations & Standards

Academic Honesty

Academic dishonesty, of which cheating and plagiarism are the most common examples, is a serious violation of the principles of higher education. Daemen University takes the position that academic honesty is to be upheld with the highest degree of integrity. The University has a responsibility to support individual thought and the generation of new ideas. This cannot be done when violations of academic honesty go unchallenged. Find the **academic honesty complete policy and examples** on the university's policies.daemen.edu.

GENERAL CONDUCT REGULATION

The University reserves the right to dismiss or request the withdrawal of any student whose academic standing, conduct, or manner renders his/her continued attendance at Daemen University undesirable.

THE UNIVERSITY YEAR

The academic year consists of two semesters of approximately fifteen weeks (including examination periods) each. The Fall semester begins in late August/early September; the Spring semester begins in January. Classes are also offered during a 3-week Intersemester Session (January), two 4 1/2-week Summer Sessions (I: June; II: July/ August), and a 9 1/2-week Summer Session (III: June through early August). An Academic Calendar published annually governs the beginning and end of terms, class meetings and final examination dates, and administrative deadlines. Class schedules published each semester on WebAdvisor (accessible to guests as well as the Daemen community) assign times and places for courses. Final examination schedules are released early in each semester.

Degree & Curricula Rules

DEGREE REQUIREMENTS

A student must complete a program of 120-202 semester hours (including all entry-level programs leading to both baccalaureate and post-baccalaureate degrees) with a minimum grade point average of 2.00 (equivalent to C) for graduation. Within this program, he/she must complete the core curriculum (including studies in courses meeting the specified competencies as well as other core requirements) and fulfill all program and departmental requirements, which may include but may not be limited to a higher grade point average.

IN-RESIDENCE COURSEWORK REQUIREMENT

In order to earn a degree from Daemen University, students are required to complete a minimum of 30 credit hours of coursework in residence. In-residence course work may include, but cannot be limited to, supervised field placements such as student teaching, clinical internship, and Career Field Experience. Challenge Exams, CLLE credit, and Cross-Registration credit are NOT acceptable in fulfilling the in-residence coursework requirement. The final semester's coursework (whether full or part-time) before graduation must be taken in residence.

Students who participate in one of Daemen's structured off-site programs are not required to take their final semester's course work in residence; however, these students are advised against cross-registration and/or completing course work at other institutions during the final semester since possible delays in receiving official transcripts from the other colleges will postpone a student's graduation/degree conferral. Official transcripts which reflect all final grades earned for course work completed at other educational institutions/agencies and applicable to Daemen degree requirements must be received by the published deadline for receipt of grades for prospective Daemen University graduates.

GRADUATE PROGRAM INFORMATION

For academic regulations and standards pertinent to post-baccalaureate graduate programs, consult the

Daemen University Graduate Catalog. Regulations and standards contained in this catalog apply to linked undergraduate/graduate programs in Accounting, Biology/Cytotechnology, Business Administration/International Business, Health Promotion/Athletic Training, Health Promotion/Public Health, Physical Therapy, and Physician Assistant Studies as well as stand-alone graduate degree programs.

CLASS STATUS/ANTICIPATED GRADUATION YEAR

Class status is ordinarily defined in terms of the anticipated graduation year. The anticipated graduation year is determined by the requirements a student has met within the department and/or the credits outstanding for completion of degree requirements. For financial aid purposes and online registration priority, however, the class status may be defined in terms of credit hours earned rather than credit hours outstanding: for financial aid purposes and online registration priority, sophomore status is typically attained at 26 credit hours, junior status at 56 credit hours, and senior status at 90 credit hours.

ADMISSION TO UPPER DIVISION OF DEPARTMENT/PROFESSIONAL PHASE OF PROGRAM

For specific time deadlines, procedures, and requirements for admission to the upper division/professional phase of various programs, consult with the academic advisor or department chairperson and review the specific departmental statement in this catalog and published on the departmental web pages, and on the Program Plans accessible from the Registrar's web page.

CHANGE OF CURRICULA

Daemen University reserves the right to make changes in all curricula and/or upper division/professional phase entrance requirements. Students enrolled at Daemen University must meet all requirements if changed or amended by the University.

Dual Degrees, Double Majors, and Minors

Students may opt to pursue completion of requirements for more than one program. Completion of requirements in a second program will be stated on a student's transcript; however, this does not necessarily result in the conferral of multiple degrees/ diplomas. The pursuit of a dual degree is defined as matriculation in a second program leading to a second-degree conferral. The pursuit of a double major is defined as the pursuit of coursework in a second program leading to a statement of completion (on the transcript) of the second major's requirements but not a second-degree conferral. Students should consult with the Registrar for further details. The pursuit of dual degrees and double majors may also have financial aid implications. Students should consult with the Financial Aid office for details.

Select degree programs include automatic completion of a minor as part of one's degree requirements; others do not. Students may wish to pursue completion of one or more minor(s). Consult the "Programs of Study" section in this catalog, or the Program Plans option accessible from the Registrar's web page, for a complete listing of available minors.

Students wishing to change major, file for a dual degree or double major, or declare a minor must file the necessary form with the Registrar's office.

COURSE SUBSTITUTIONS AND CURRICULUM WAIVERS

In exceptional cases, a student may petition for a course substitution or waiver of a departmental and/or degree requirement and/or core requirement. The student will submit to the Committee on Academic Standards a written request fully stating the rationale. The student will ask his or her advisor to send a written recommendation to the Committee on Academic Standards; the Committee will request a written recommendation from the chairperson of the department from which waiver or substitution is requested. The

Committee on Academic Standards will make the final decision and will notify the student accordingly.

Requests for waivers or substitutions relative to core electives, upper division core requirements, requirements of quantitative literacy, and/or service learning and/or writing-intensive studies may be considered in exceptional instances. Requests should be referred to the Core Director.

If a course substitution request is based on a student's disability, the student shall also furnish, in addition to his/her petition and advisor's recommendation, appropriate documentation of the disability to the Director of Accessibility Services. Provided that the documentation appears to support the student's request, the Director of Accessibility Service will write a letter of support as a reasonable accommodation. It shall then be the role of the Committee on Academic Standards to determine whether the request may be granted without compromising the essential nature of the student's academic program. For further details on the University's policy on the accommodation of students with disabilities, see **the Accreditation and Institutional Policies section** of this Catalog or contact Accessibility Services at (716) 839-8228.

COURSE LOAD

A full-time student will carry 12-18 credit hours each semester. Select degree programs require that 19+ credits are completed in one or more semesters. There is no additional tuition charge for these credits, provided that the student has followed the suggested course sequence referenced in the Program Plan as published by the Registrar's office. Some programs require study in summer sessions, for which additional tuition charges are assessed. Students who are out of the regular course sequence as a result of transferring into a program, changing major, and/or deficient academic performance are subject to additional tuition charges for semester course loads exceeding 18 credit hours. Work in excess of the normal load may be undertaken only with special permission and at additional cost to the student. Except in unusual cases or unless required by the student's program, the course load should not exceed nineteen semester hours.

Please note: some students with disabilities registered for less than 12 credit hours may qualify as full-time students. Please contact Accessibility Services for more information at 716-839-8228

PROGRESS TOWARD COMPLETION OF REQUIREMENTS

All matriculating students, together with their academic advisor, should regularly monitor their progress towards completion of degree requirements and should verify their progress by generating their program evaluation online.

It is strongly recommended that students review their program evaluation regularly and definitely prior to preparation/update of their education plan and registration for courses.

Performance Standards

GRADE REPORTS

Grades are accessible to students online. At mid-term, grades are reported for those courses in which work is deficient (C- grade or lower). Final grades are reported at the end of each term. With the exception of the Unauthorized Withdrawal (UW) grade, mid-term grades are not recorded on the student's transcript. Students earning mid-term and/or final grades which are deficient (C- grade or lower) should contact their academic advisor to discuss the next appropriate course of action to be taken.

GRADE APPEAL PROCEDURE

1. A student with questions or complaints about an assigned final course grade shall first discuss the matter with the course instructor within 30 days of the posting of the grade. In the event of serious illness or absence of either the student or the faculty member, an extension may be granted by the appropriate College dean**.** The instructor is expected to provide an appropriate explanation of the student's grade and, if the student's appeal is meritorious, to be willing to change the grade.

2. If the student's concerns remain unresolved following a discussion with the instructor, the student may appeal in writing to the chair of the department in which the grade was given. This written appeal must be made within 15 days of the instructor's determination in Step 1 above. All supporting documentation must be submitted at this time, with the written appeal. The department chair shall review the student's appeal and consult with the course instructor. The department chair may support the instructor's evaluation or may recommend to the instructor that the grade be changed. (If the department chair is the course instructor whose grade is under appeal, the College dean shall handle the appeal at this stage.) It will be the responsibility of the student to demonstrate that the grade should be changed.
3. Should the complaint still remain unresolved, the student's appeal shall be forwarded to an ad hoc grade appeal committee comprising: all full-time faculty within the department, including the department chair and, if fewer than three full-time faculty, members of the Departmental Personnel Advisory Committee (see Faculty Handbook section V. C. for composition of a DPAC), the dean of the College in which the department is housed, and two faculty members from the Committee on Academic Standards – one to be chosen by the student and one by the course instructor. If the grade under appeal is given by a part-time faculty member, he or she will also be invited to join the committee.

Formal minutes will be taken of the meeting. The first committee meeting will be called by the department chair. If the grade under appeal has been given by the department chair, the first meeting will be called by the College dean. The committee shall convene within two weeks of receiving the written appeal. Members who are unable to be physically present may participate electronically. At the discretion of the divisional dean, a member with extenuating circumstances may be excused from participation and/or allowed to furnish his/her input in advance of the meeting. In cases where fewer than three departmental faculty are in attendance, the dean may appoint faculty from the same College to serve.

This committee shall examine all pertinent documentation, may interview the student and the course instructor, in person or electronically, or consult with any other parties it may deem appropriate. The College dean shall act in a non-voting, advisory capacity with regard to the observance of all pertinent University policies and procedures. The ad hoc grade appeal committee shall render its written decision to the student and faculty member within seven days**.** The committee may recommend that the instructor change the grade; if the instructor refuses, s/he shall provide a written explanation to the committee within seven days. In the event of extenuating circumstances, this deadline may be extended at the discretion of the divisional dean. Should the committee find the instructor's explanation unpersuasive, it will recommend to the department chair that the grade be changed. If, following consultation with the instructor, the instructor still refuses to change the grade, the department chair shall have the authority to change the grade notwithstanding the objection of the instructor. (If the instructor is the department chair, the College dean shall handle the chair's duties here described.)

Grade appeal procedure for Interdisciplinary (IND) courses: The "department chair" shall be either the chair of the department in which the instructor is housed, if applicable, or the Director of the General Education Curriculum, at the discretion of the department chair (if applicable). Departmental faculty members of the ad hoc grade appeal committee shall be appointed by the Educational Policy Committee; both College deans shall serve, and two members of the Committee on Academic Standards shall be selected as per point 3 above.

GRADING SCALE

The rating scale used in grading student's work follows:

Grade Quality Points

A range: A/A-: *Excellent*

- A 4.0
- A- 3.7

B range: B+/B/B-: *Above Average* (given for work of high quality)

- B+ 3.3
- B 3.0
- B- 2.7

C+ and C grades: *Average* (given for satisfactory work, the standard performance of the college student)

- C+ 2.3
- C 2.0

C- and D grades: *Passing* (given for work that is passing but below the standard set for mastery of a course and for graduation

- C- 1.7
- D 1.0

F *Failure* (given for inferior work; credit can be earned only by repeating the course) 0.0

AU *Audit* (satisfactory, but not for credit)

AX *Audit* (unsatisfactory due to non-attendance)

I *Incomplete* (given when a course has been left incomplete with respect to specific assignments, which may include the final examination)

W *Withdrawal* (given when courses are dropped after the last day for drop/add and no later than the last day for authorized withdrawal)

UW *Unauthorized Withdrawal* (may be given until midterm to students not attending but not officially withdrawn)

The mark of Incomplete will be assigned only in cases of illness or prolonged or repeated absences for reasons beyond the control of the student, and only if the student has substantial equity in the course. Unless an earlier deadline is given by the instructor, students receiving Incomplete grades have until the end of the subsequent semester (regardless of enrollment in that semester) to complete the work. Students should consult with the course instructor regarding the exact day when all outstanding work for the course must be completed. (The student should NOT re-register for the course in that subsequent semester.) The instructor is required to submit to the Registrar's office the change in grade from Incomplete by the day when grades are due for that semester.

An Incomplete grade that has not been repaired by the deadline will automatically be converted to a grade of "F" on the student's transcript. At the instructor's sole discretion, an Incomplete grade may be extended for an additional semester if circumstances warrant. Any further extension would require a formal petition from the student to the Committee on Academic Standards. Once an Incomplete grade turns to a grade of "F", a student must re-register for the course if he/she wishes to earn credit for that course. Students with grades of Incomplete are not eligible for Dean's List status until all Incomplete grades for the semester have been changed.

The grade of UW (unauthorized withdrawal) is given at mid-term to students who are consistently not attending class but who have not officially withdrawn. There is no tuition refund for an unauthorized withdrawal. Students may not resume attendance in classes for which UW grades have been assigned. Any student wishing to appeal the assignment of a UW grade should consult with the instructor assigning the grade and may appeal to the Committee on Academic Standards if the matter is not resolved at the student-instructor level.

Pass/Fail Grading: Applicable only to designated credit or non-credit courses:

- P Pass (credit granted; no quality points assigned)
- F Fail (no credit granted for the course; no quality points earned; and the F factors into the grade point average [GPA])

Satisfactory/Unsatisfactory Grading:

The Satisfactory/Unsatisfactory grading scale is implemented at the student's request and with the following stipulations: applicable to courses credited as free electives only for the student's major; not applicable to courses that are part of the major and/or declared minor, or prerequisites to such studies; limited to 12 credits total. Students opting for S/U grading must

meet the following criteria: must have earned a minimum of 24 credits at Daemen University; minimum cumulative GPA of 2.00; have a declared major. The student must file the completed S/U grading request form (including all required signatures) with the Registrar's Office by the last day for drop/add for the term in which the course is being taken. S/U grading has no impact on the GPA.

- S Satisfactory (credit granted; no quality points assigned; applies to courses in which the instructor assigns a grade of A through D)
- U Unsatisfactory (no credit granted; no quality points assigned; applies to courses in which the instructor assigns a grade of F)

NOTE: The letter grade earned may be recovered upon filing the completed grade recovery request form (including all required signatures) with the Registrar's Office, and in instances when: due to a change of major or declaration of minor(s), the course is now required as part of the declared major/minor; the student has more than the allowed 12 credits in S/U graded courses; the letter grade is required by a graduate or professional school.

GRADE POINT AVERAGE (GPA)

Quality points are the values assigned to a course on the basis of the grade received. The scholastic standing of a student is determined by course grades and is expressed as a cumulative grade point average. The grade point average is the ratio of quality points earned to the number of credits in which letter grades (A-F) are earned.

The Daemen University transcript will reflect all courses taken at Daemen, both undergraduate and graduate, if applicable. Three cumulative grade point averages are indicated as part of the student's record: undergraduate; graduate; combined undergraduate and graduate. The division (undergraduate or graduate) in which a student is enrolled at the time of completion of the course determines the GPA in which a course is included. Students classified in the undergraduate division who have attended two or more semesters and whose cumulative GPA falls below 2.00 are *not* considered institutionally to be in good standing. Each academic program has criteria for acceptable performance within the program and a student's continuance in the program may be reviewed on the basis of such criteria. Quality points are awarded for credits earned at Daemen University, Daemen-sponsored international programs and exchanges, and cross registrations.

To improve the grade point average a student may wish to repeat a course. A student should confer with the advisor about the appropriateness of repeating a course. When a course is repeated at Daemen, only the higher grade is used in computing the grade point average, although both grades appear on the transcript. See "Repeating a Course" section for further information on course repetitions.

ACADEMIC BANKRUPTCY POLICY

The University's academic bankruptcy policy is intended to allow students who are pursuing a new academic program and who are currently maintaining good academic standing to repair their cumulative grade point average (GPA) by "bankrupting" certain coursework taken while pursuing their former academic program. The record of coursework taken and grades earned still appears on the student's official transcript; however, both credits and quality point values are removed from the record of credits earned and the cumulative grade point average, respectively. A notation on the official transcript will indicate which courses have been bankrupted. Academic bankruptcy is available to undergraduate students (including students in linked undergraduate/ graduate programs) and some designated graduate programs. The following criteria apply to the undergraduate academic bankruptcy program. (Consult the departmental sections of the Graduate Catalog for details relative to graduate academic bankruptcy programs.)

1. The student must have changed his/her major and maintained a minimum semester GPA of 2.50 for at least one full-time (minimum 12 credit hours) semester following the change of major. Consideration may also be given to a semester

GPA based on part-time attendance if the student's ordinary pattern of attendance has been part-time.

2. Application may be made no earlier than upon completion of the first full semester in the student's new major, and no later than the semester before the semester of anticipated graduation.
3. Only courses required in the student's former major may be bankrupted. Learning communities and other courses taken strictly for core credit may not be bankrupted.
4. No more than 18 credit hours may be considered for bankruptcy. Bankrupted coursework must have been taken in no more than two semesters (including summer sessions) and the semesters must be consecutive.
5. A bankrupted course may not be repeated. Therefore, if a specific course is still required in the student's new major, it may not be bankrupted.
6. Regardless of the number of semesters or number of credit hours included in a student's petition for academic bankruptcy, a student may declare bankruptcy **only once**.
7. A successful petition for academic bankruptcy has no retroactive effect on any academic determinations made prior to bankruptcy, including but not limited to: academic probation, suspension, or dismissal; determinations of ineligibility to pursue an application to upper division/professional phase of University programs; Dean's List eligibility; financial aid eligibility; or tuition liability. A student with bankrupted course work is eligible for graduation and other honors which are based on cumulative GPA.

The student must submit a written petition to the Committee on Academic Standards, clearly identifying the specific course work for which bankruptcy is desired. A letter of recommendation from the student's current faculty advisor should also be submitted.

The Committee on Academic Standards will review the petition for compliance with program criteria and may, at its discretion, consider the entirety of the student's academic record in rendering its decision. Note well: Students receiving financial aid should meet with a financial aid counselor prior to petitioning for bankruptcy to determine the effects of the petition on one's present and future eligibility for aid.

DEAN'S LIST

A matriculated undergraduate student who attains a grade point average of 3.30 in any one semester is eligible for the Dean's List provided he/she has been enrolled for twelve credit hours of course work, nine of which must be in course work that utilizes the letter grade (A, B, C, D, F) scale.

HONOR SOCIETIES

The following honor societies have chapters at Daemen University:

Beta Beta Beta (Natural Science)

Delta Alpha Pi (Students with Disabilities)

Kappa Delta Pi (Teacher Education)

Lambda Iota Tau (English & Foreign Languages)

Phi Alpha (Social Work)

Psi Chi (Psychology)

Sigma Beta Delta (Accounting & Business Administration)

Sigma Pi Epsilon Delta (Special Education/Inclusion)

Sigma Theta Tau (Nursing)

GRADUATION HONORS

The BACCALAUREATE DEGREE WITH DISTINCTION is awarded to students who have maintained a high degree of scholastic excellence. Traditional Latin honors are conferred at Commencement and noted on the student's diploma:

1. Summa Cum Laude for a 3.70 cumulative grade point average.

2. Magna Cum Laude for a 3.50 cumulative grade point average.
3. Cum Laude for a 3.30 cumulative grade point average.

Students must have completed a minimum of 60 hours of actual Daemen coursework to qualify for these honors. CLLE and challenge exam credit are not allowed as part of the 60 credits of required coursework. Students with fewer than 60 hours of Daemen credit at graduation will be eligible for Latin honors based upon the following standards:

1. The Daemen GPA must be appropriate for the honor to be bestowed AND
2. The GPA for all college work, inclusive of accepted transfer coursework as well as Daemen coursework, must be appropriate. Therefore no honor will be bestowed that is not supported by both the Daemen GPA and the "all college work" GPA. (Example: If a student has a GPA of 3.30 for all college work, but a Daemen GPA of only 3.20, no honor would be accorded. Conversely, if the "all college work" GPA = 3.20 and the Daemen GPA = 3.30, no honor would be accorded.)
3. All Graduation Honor's GPAs are calculated to the third decimal place and then truncated for the final GPA calculation.

COMMENCEMENT AWARDS

The ALUMNI SENIOR AWARD (given by the Alumni Association) is presented to a student who has distinguished himself or herself in service to others.

The CHARLES L. LUMSDEN AWARD for Academic Excellence is presented annually to an outstanding member of the graduating class. The award recipient must have completed a minimum of 75 credit hours in actual coursework at Daemen University.

The MARY ANGELA CANAVAN AWARD for commitment to ideals of service was established by the Student Association in honor of the late Sr. Mary Angela Canavan, president emeritus of the University.

The PRESIDENT'S AWARD is awarded each year to a member of the senior class who has demonstrated outstanding leadership.

ACADEMIC STANDING: PROBATION, SUSPENSION, DISMISSAL, APPEALS

Definitions: Good academic standing is defined as a minimum 2.00 cumulative average, subject to the "academic warning" allowance for first-semester first-year students and first-semester transfers defined below*. Students who are not in good academic standing will be placed on academic probation for the following semester. Failure to achieve good academic standing at the end of the term in which the student is on academic warning or probation ordinarily results in suspension or dismissal from the University for academic reasons. Suspension is a temporary separation from the University, after which the student is again eligible to register for Daemen University courses. Dismissal is a termination of the student's relationship with Daemen University; a dismissed student must apply for readmission after waiting one year should he or she wish to re-enroll. *Any student, including a first-semester student, who gives evidence of very poor scholarship – defined as a cumulative GPA below 1.00 – may be subject to suspension or dismissal at the end of any semester whether or not he/she previously incurred probation.*

Procedures: The Committee on Academic Standards reviews academic records at the conclusion of the fall and spring semesters. At its discretion, the committee may choose to postpone the determination of a student's academic standing until the student's completion of a pending inter-semester term (summer or January). Academic standing is also subject to change in the event of any intra-semester recalculation of the GPA due to the conversion of Incomplete grades or other grade changes.

Conditions of academic probation include limitations on participation in extracurricular activities and such other conditions as the Committee on Academic Standards may determine. The Committee, at its discretion, may

require any student who is on academic warning or probation to meet with a designated academic advisor to develop an academic recovery plan for the following semester. Failure to abide by one's academic recovery plan or any other conditions of probation together with the failure to raise the GPA to an acceptable level will result in suspension or dismissal. If at the end of the sophomore year, a student does not have a 2.00 cumulative GPA, he/she will ordinarily be dismissed.

The Committee on Academic Standards may, at its discretion, consider evidence of exceptional circumstances in determining whether a student should be suspended or dismissed. The Committee also sets any conditions that must be met by students returning from suspension or by dismissed students applying for readmission. Dismissed students desiring readmission must contact the Office of Admissions and be prepared to give evidence of their ability to maintain satisfactory academic performance should they be readmitted to the University.

Appeals: Students may appeal decisions of the Committee on Academic Standards by writing the committee in the care of the Associate Vice President for Student Success. Appeals should include any pertinent supporting documentation, recommendations from faculty, and an action plan for improved academic performance.

***Standards applicable to first-semester students (first-year and transfers)**: A first-semester student whose grade point average falls below 1.50 will be placed on academic probation for the subsequent semester and assigned to a mandatory academic recovery program. The student may also be subject to suspension or dismissal if his/her average is below 1.0. First-semester students with semester averages between 1.50 and 1.99 will be issued an *academic warning* letter and assigned to a mandatory academic recovery program.

CLASS ATTENDANCE

Regular and prompt attendance is expected at all classes and officially scheduled programs and activities. A student who is absent from class for any reason whatsoever will be required to make up the work to the satisfaction of the instructor. A student anticipating or having a prolonged absence from class (three or more class days), for reasons such as illness, accident, religious accommodation, or death in the family, should report this absence by filing a CARE report at www.daemen.edu/concern. This report will be addressed by the CARE team who will gather the appropriate information and consult with the Registrar's Office, who will convey the information to the appropriate instructors. It is the student's responsibility to communicate with their instructor in regards to coursework upon return.

RELIGIOUS ACCOMMODATION POLICY

Daemen University prohibits discrimination on the basis of religion and is committed to providing a work environment that respects the religious beliefs and practices of all students. As part of that commitment, the University will make good faith efforts to fulfill a requested accommodation for such observances when a reasonable accommodation is available that does not create an undue hardship for the University.

Requesting a Religious Accommodation

A student who anticipates being absent from work or class because of religious beliefs or practices that conflict with their job, class schedule, or a Daemen University policy or practice on dress and appearance to their supervisor or instructor/faculty member in charge of the course. Students are asked to examine the academic calendar and/or course syllabus for potential conflicts at the start of the semester and promptly notify the supervisor and/or instructor in writing of any anticipated accommodation needs, providing as much notice as possible, clearly specifying the reason for the requested absence or other accommodation. Students are

responsible for arranging in advance to make up missed work or material in a timely manner.

Providing Religious Accommodation

Reasonable accommodations are determined on an individual basis and depend on the circumstances. They might include rescheduling an exam or giving the student a make-up exam, allowing an individual or group presentation to be made on a different date, letting a student attend a different discussion section for the same class that week, adjusting a due date, or assigning the student appropriate make-up work that is intrinsically no more difficult than the original assignment.

Supervisors and instructors are expected to reasonably accommodate individual religious practices. A refusal to accommodate is justified only when undue hardship to the University's legitimate business purposes would result from each available alternative for reasonable accommodation.

The University prohibits retaliation against students requesting religious accommodation, participating in an approved accommodation, or otherwise engaging in protected conduct under this policy. Any person who violates this anti-retaliation provision may be subject to disciplinary and/or corrective action. Students who believe that they have been retaliated against or not accommodated appropriately should contact the EEO Officer/Daemen University Center for Diversity and Inclusion and/or the Director of Employee Engagement.

STUDENT-ATHLETES MISSED CLASS TIME POLICY AND PROCEDURE

Policy

A student-athlete is any student who is currently enrolled full-time (12 or more credits) and listed as a member of an Intercollegiate Athletic Team within the Department of Athletics. In compliance with NCAA Bylaw 17.1.6.6, the following is the Daemen University Department of Athletics Missed Class Time Policy as it applies to all Daemen student-athletes.

Pursuant to NCAA rules, no class time shall be missed for practice except when a team is traveling to an away contest and the practice is in conjunction with the contest. In team sports, no classes shall be missed for a competition conducted during the non-championship (off-season) segment.

Procedures

1. A student-athlete will not be required to attend any practice activities that result in a missed scheduled class or final exam. Activities considered practice are:
    1. Preparation and conditioning time (e.g., weight training, running, etc.);
    2. Athletic Training Room time (e.g., rehab, taping, treatment etc.);
    3. Meetings (including viewing of game or practice film);
    4. On-field practice;
    5. Banquets and other celebratory events.
2. Recruiting and media requests (including internal Athletic Communication Office) will not interfere with class or exam schedules.
3. For home competitions, student-athletes shall not miss any class time before, or after, two hours of scheduled competition.
4. For weekday away competitions with same-day travel, scheduled departure time shall not be more than drive time to destination plus 90 minutes. For example, if the Daemen team or squad has a contest at Roberts Wesleyan at 6 p.m., the departure time may not be earlier than 3:30 p.m.
5. For away competition with overnight travel, no team shall depart more than 30 hours prior to the scheduled competition.
6. Prior to the start of classes or the start of the competition, whichever is earlier, the Student-Athlete Success & Community Engagement Coordinator prepares Missed Class Time Letters per sport, for each student-athlete to provide to his/her instructor. These Letters note the dates and times of each competition, the date and time students are to report to the gym for competition or departure to the competition, and the expected dates and time of their return to campus.
7. Upon receipt of these Letters, a student-athlete presents to his/her instructor(s) a receipt log,

provided by the Student-Athlete Success & Community Engagement Coordinator, and the student-athlete is required to receive a signature from each instructor receiving the Letters.

8. Student-athletes are responsible for submitting all assignments on time or in advance of the missed class and will make arrangements for reviewing missed material. If the student-athlete's absence will result in missing an in-class graded assignment or test, he or she will contact the class instructor ahead of the missed class to discuss an alternative timeline or arrangements, which may include completing the assignment early or working with the Faculty Athletics Representative (FAR) to complete on the road.
9. Coaches will not schedule away-from-home competitions that require missed class time during the first week of classes, final exam period, or weekend prior to the final exam period. Student-athletes will confirm the date of final exams at least one month prior to the last day of classes and notify FAR of any conflicts.*
10. Exceptions to the above will only be approved by the Faculty Athletics Representative in consultation with the Director of Athletics and Vice President for Academic Affairs. The FAR will report any exceptions to faculty via email no later than the end of each semester.

*Please note: Conference/national championship games are scheduled by the East Coast Conference/NCAA, respectively, more than two years in advance consistent with NCAA guidelines; scheduling is out of the institution coach's control. East Coast Conference members are U of Bridgeport; U of District of Columbia; LIU Post; Mercy College; Queens College (CUNY); Molloy College; Roberts Wesleyan; NY Institute of Technology; and St. Thomas Aquinas.

Registration Regulations

REGISTRATION

Students register for classes online. Advance registration is held for each semester, intersemester, and summer session. Students advance register on a priority registration schedule based upon class status as defined by credit hours earned (inclusive of accepted transfer credits). Within their class, underclassmen register on the basis of credits earned. Students pursuing an Honors Program degree, as well as student-athletes, may register on the day prior to the opening of the registration window for their class. Registration will be blocked for any student whose financial obligations to the college are not resolved. It is therefore strongly recommended that students with unresolved financial issues contact the Office of Student Accounts in advance of the opening of their registration window so that such matters may be resolved in time for registration. Registration windows remain open throughout the drop/add period for the term. Some courses require special permission in order to enroll and therefore must be processed in the Registration office. Permit forms may be downloaded from the Registrar's web page.

Students plan their schedules assisted by faculty advisors, and make payments to the Student Accounts Office according to the regulations published in the University Catalog and announced by the Student Accounts Office. Students complete and submit their registration worksheets electronically to their advisors for review and approval. Advisors may wish to meet with their advisees prior to approving the student's proposed education plan. Once the advisor approves the plan, the student will receive a notification by email, thereby enabling the student to register online. **NOTE:** The advisor's approval of the plan does not constitute registration in courses: the student must complete the online registration process in order to be registered in courses. In order to register, students must comply with New York State immunization laws. Refer to the Student Services: Health Services section of this catalog for further details.

In the event of cancellation of a scheduled class by the University, any students registered in the class will be notified via their Daemen email account or telephone. The student is recommended to contact their faculty advisor and/or the Office of Academic Advisement for assistance in selecting a replacement class. Every effort is made to ensure that students are informed of cancellations as expeditiously as possible and effectively assisted in revising their schedules.

CHANGE OF NAME AND ADDRESS

As soon as possible after any change of name and/or address occurs, students should notify the Registrar's Office. The *Change of Address* form may be downloaded from the Registrar's web page. Name changes will be executed only when the notification of the name change is accompanied by a copy of the legal document which verifies the name change. Students whose permanent address is in a foreign country (excluding Canada) must provide the Registrar's office with a local address, telephone number, and contact person.

DAEMEN EMAIL

Every student currently enrolled at Daemen University is furnished with a Daemen email account. The Daemen email account will remain active during periods when a student is on a leave of absence or academic suspension. Certain important notices may be sent only via email to the student's Daemen email account. Such announcements will include but are not limited to: the opening of advance registration windows and call for applications for graduation. Students are responsible for checking their Daemen email account on a regular basis.

CHANGES IN REGISTRATION

There are two types of changes that may be made to a student's schedule:

1. Drop/Add: completed online during the first week of classes (exact dates are published in the Academic Calendar on the Daemen web page). Dropped courses processed during the drop/add period are not reflected on the transcript.
2. Authorized Withdrawal/Change in Status from Credit to Audit: completed in the Registration office. After the last date for drop/add, a student wishing to withdraw from a course must file an official withdrawal form (and secure all required signatures) by the last date for authorized withdrawal for the term (approximately two-thirds of the way through the term; the exact date is published in the Academic Calendar published on the Daemen web page). **Please note that non-attendance does not constitute an official withdrawal and may result in receipt of an Unauthorized Withdrawal or a failing grade in the course.**

In exceptional cases, the student may petition the Committee on Academic Standards for an authorized late withdrawal. Written recommendations from the student's advisor and course instructor(s) and appropriate documentation of the reason for the withdrawal request must be provided to the Committee. Course withdrawals are reflected on the transcript. A petition for a late withdrawal will not be considered after a final exam for that course has been taken or equivalent assignments (e.g., final project) have been submitted. Such petitions should be filed within one year of the posting of the final grade or in the instance of an Incomplete grade, one year from the Incomplete deadline.

Repeated patterns of withdrawal will be cause for review by the Committee on Academic Standards. Course withdrawals/changes in status from credit to audit may also have tuition implications and adverse financial aid consequences. Students who receive financial aid should consult with a Financial Aid Counselor to determine if the withdrawal(s) will affect continued aid eligibility. They should also consult the financial section of this catalog for tuition implications.

REPEATING A COURSE

A student may need or desire to repeat a course for a better grade. Students are encouraged to discuss the matter with their academic advisor. When a course is repeated at Daemen, only the higher grade is used in computing the grade point average, although both grades appear on the transcript. In instances where the student transfers a repeat of a Daemen course, the Daemen grade is deleted from the student's GPA, although the grade continues to appear on the transcript. Repeating a course may affect New York State Tuition Assistance Program (TAP) eligibility. Please note that TAP will not pay for courses for which a passing grade was received unless the student is registered for at least twelve (12) credit hours of TAP-eligible coursework in ADDITION to the repeated course. Please refer to the Financial Considerations section (below) for further

information relative to course repeats and TAP eligibility. Consult separate departmental sections of this catalog for additional restrictions on course repeats.

FINANCIAL AID CONSIDERATIONS

NOTE: Decisions to repeat courses, drop courses, or take incomplete grades should be made only after careful consideration by the student and consultation with the student's academic advisor and a Financial Aid Office advisor. Repeating a course may affect New York State Tuition Assistance Program (TAP) eligibility. Please note that TAP will not pay for courses for which a passing grade was received unless the student is registered for at least twelve (12) credit hours of TAP-eligible course work in ADDITION to the repeated course. In determining full-time (twelve [12] credit hours) status, credit-bearing courses must be applicable to the student's program of study as a general education requirement, a major requirement, or an elective. Credit-bearing courses not integral to the student's program of study cannot be included as part of the minimum full-time (twelve [12] credit hours) requirement. Additionally, a student will be deemed to meet the full-time or part-time study requirement in his/her last semester of eligibility if the student takes at least one course needed to meet his/her graduation requirements and the student enrolls in and completes at least twelve (12) semester hours or its equivalent. TAP recipients should make careful reference to the Satisfactory Academic Progress chart in the Financial Aid section of the Catalog to determine not only whether there will be an immediate effect on student aid eligibility, but the effect any decision to drop or repeat courses will have on the student's future ability to maintain satisfactory academic progress. The offices of Financial Aid and Academic Advisement are able to assist students in clarifying both immediate and long-term educational goals.

WITHDRAWAL FROM THE UNIVERSITY

A student who withdraws from the University before completing a degree is required to fill out a Leave of Absence/Withdrawal Form. This form is available in the Office of Academic Advisement (Student Success Center-RIC, first floor) and online from the web pages of the Offices of Academic Advisement and Registrar. Upon completing the form, the student arranges for an exit interview with a staff member from the Academic Advisement office. After completion of the exit interview, the form should be taken to the Registration Office (DS Room 120) for processing where then the withdrawal is finalized. Return after withdrawal from the College necessitates a formal application to the Office of Admissions for readmission. A student accepted for readmission following withdrawal must meet all requirements in force at the time of the student's return to the College.

If a student wishes to withdraw from the University after the last date for authorized withdrawal, a formal, written petition for withdrawal from all classes must be presented with a letter of support from a faculty advisor and with available substantiating documentation when appropriate for consideration by the Committee on Academic Standards. Filing for withdrawal does not preclude suspension or dismissal at the conclusion of a semester.

If a student withdraws from all classes before the end of the semester, the student should use the *Withdrawal From All Courses* form, which is available in the Office of Academic Advisement by the appropriate deadline (Consult Academic Calendar). If the student intends to register for the subsequent semester, no other form is needed. If the student does not intend to return for the subsequent semester, the Leave of Absence/ Withdrawal Form should also be completed.

LEAVE OF ABSENCE POLICY

A leave of absence from the University may be granted to students for reasons other than academic difficulties for up to one full year after the end of the semester in progress. Full-time students who do not intend to return in a subsequent semester must file for a Leave of Absence in order to remain classified as an "active" student. Part-time students are permitted to skip one semester between registered periods without having to file for a Leave of Absence. If the part-time student does not return after one semester of absence, the student must file for a Leave of Absence in order to remain classified as an "active" student. The leave requires final

approval by the Office of Academic Advisement and begins after the end of the semester in progress. Students desiring a leave of absence should complete the Leave of Absence/Withdrawal Form available online (accessible from the Academic Advisement and Registrar's office's web pages) and in the Office of Academic Advisement. The student must indicate his/her intended date of return to the University on the form. If the student does not return to the University on or before the appropriate date, he/she will be considered as having withdrawn from the University. Withdrawal necessitates a formal application to the Office of Admissions for readmission. A student returning from a Leave of Absence must meet all requirements in force at the time of the student's return to the University. Students taking a Leave of Absence who have received long-term loans must consult the Financial Aid Office for information about loan repayment obligations. Students taking a Leave of Absence who are receiving other forms of aid should consult both the Office of Student Accounts and the Financial Aid Office before leaving Daemen. Filing for a Leave of Absence does not preclude suspension or dismissal at the conclusion of a semester.

Students who were placed on probation at the time they took a leave or withdrew will, upon their return, continue to be on probation and will be required to meet the conditions set by the University while they are on probation.

Policy for veteran students: Once enrolled and certified as a Daemen student, should it be necessary to suspend study due to service requirements, a veteran student may withdraw from courses with no financial liability. Depending upon the duration of service required, other options may be available to students who feel they have significant investment in the semester and who do not wish to withdraw from a semester entirely. In each case, the student must notify the Veterans' Certification Officer of the impending service requirement and discuss the financial options available. Regardless of the financial option chosen as a result of the service requirement, all service members may return to their academic program upon completion of service requirements.

TRANSCRIPTS

Daemen University is partnering with National Student Clearinghouse to provide current students, former students, and alumni with the ability to order electronic copies (students attending after 1985 only) or mailed copies of their student transcript. Students/Individuals who attended between 1946-1985 are only able to request a mailed copy of their transcript. Please note that mailed copies may require additional processing time. Transcript requests cost $10.00 per mailed copy and $11.00 per electronic copy.
Please review your order for accuracy. Refunds will not be considered. Orders are typically processed within 1-2 business days. Once an order has been placed you will not be able to change the recipient's email address. You must place a new order with the correct address. Cancelation of orders are not allowed due to our automated processing. Students may complete the **transcript request form** (consult the Registrar's web page). The transcript reflects both undergraduate and graduate studies at Daemen. Please ensure you have no financial holds on your account prior to requesting a transcript. Transcripts will not be processed until your hold has been satisfied. For any additional questions please contact Registrar's Office at 716-839-8214.

Daemen students desiring to transfer to another institution may anticipate that credits from Daemen, as a regionally accredited institution, will generally (pending minimum grade requirements of the new institution) be acceptable to the receiving institution. However, students are strongly advised to contact the receiving institution to ensure not only the general acceptability of all credits but their acceptability to fulfill specific requirements in the student's desired program of study at the new institution.

GRADUATION REQUIREMENTS/POLICIES

Degrees are conferred three times each year (January 15, May – date announced annually, September 30). One Commencement ceremony is held in May and is open for participation by that year's January and May graduates. September graduates are eligible for participation in the Commencement ceremony held in the subsequent year. A student will graduate, i.e., have the degree conferred, only when degree requirements are satisfied in full and all final grades are on record in

the Registrar's office. (Consult the academic calendar for the date when grades are due.) An *Application for Degree* form must be submitted to the Office of the Registrar by the first week of October for prospective January and May degree conferrals and by early June for September degree conferrals. Consult the academic calendar for the exact application due dates. Until the application is filed, a student will not be included on the Commencement list, will not receive any Commencement-related communications (email, U.S. mail), and will neither have his/her academic record reviewed for determination of status on completion of degree requirements nor receive clearance for graduation, and will not be eligible to participate in the Commencement ceremony and related activities.

Diplomas will state the degree and graduation honors conferred. Completion of an honors degree program is also reflected on the diploma. Students may list their name on the Application for Degree (and the diploma) as it appears on the academic record or another preference. Replacement diplomas are issued upon request and for a fee. Consult the Registrar's web page or the Registrar's Office for details and fees. Replacement diplomas are marked as such. Diplomas and replacement diplomas are withheld until a student's financial obligation to the University has been satisfied.

Pending compliance with established criteria, there are instances when prospective September graduates may "walk" in the Commencement ceremony held in May of that same year. Eligibility criteria and applications are available on the Registrar's web page.

Special Enrollment Rules

TRANSFER CREDIT

Continuing students who wish to take a course at another institution and transfer the credit to Daemen to meet a program requirement may do so through the standard transfer of credit system or the cross-registration program.

Some programs restrict the number of credits transferred in the major and/or in non-major requirements. Consult the academic department for details.

Note: Completion of Core credits via transfer courses: Transfer courses (including cross registrations), except for courses equivalent to CMP 101 College Composition (which satisfies the Communication Skills and Information Literacy competencies), will not satisfy competencies, or Learning Community requirements. Only with the written authorization of the Core Director will a transferred course fulfill Quantitative Literacy and/or Writing Intensive requirements. Only in extraordinary circumstances, and only with the written authorization of the Core Director, will a transferred course fulfill Service Learning and/or Research and Presentation requirements. (Departmental approval for the latter will also be solicited by the Core Director). Transfer credits may be used to fulfill core electives.

The standard transfer of credit system requires that students file the required Request for Off-Campus Course form with the Registrar's office. The form must be completed in full and bear the required student and faculty signatures. Students are advised to consult the transfer equivalency database accessible from the Registrar's web page, to determine if a course offered elsewhere is equivalent to a Daemen course and/or is acceptable for transfer. If a course does not appear in the database, students are advised to provide a course description to the Daemen chair of the credit granting department (example: English chair must approve English courses) when they are requesting permission to take an off-campus course. A minimum grade of C is required for transfer unless a higher grade in the course is required in the student's major. Students must have official transcripts for all off-campus coursework sent directly from the other institution to Daemen's Registrar's office. The student is responsible for the transcript fee.

Cross-registration is an option available only to full-time matriculating students who wish to take an undergraduate course elsewhere during a semester. Consult the Special Programs for Enrichment and Academic Credit section of the Catalog for full details.

No transfer courses or cross-registration are allowed in a senior's final semester before degree conferral. Consult the In-Residence Course Work Requirement section of the catalog for details.

AUDIT POLICY

Regular and part-time students may audit courses by completing and filing with the Registrar the *Permit to Audit* form, by including the courses as AUDIT on their semester load, and by paying the appropriate fee(s), if applicable. Subject to available space, the University also welcomes alumni and senior citizens as auditors free of charge, although the payment of appropriate University fees (for materials, labs, etc.) may be required. Students may change their status in any credit course to that of an audit by filing (with the Registrar) the appropriate Drop/Add form (available in the Registration office) up to and including the last date for authorized withdrawal from a course. Consult the Academic Calendar for the exact dates. Auditing of courses is subject to the permission of the instructor.

INDEPENDENT STUDY

During any term of enrollment, it is recommended that departments allow independent study only after carefully assessing whether the course can be successfully taught independently and after ascertaining that the student:

1. has a grade point average of 2.5 or better;
2. has completed all coursework for previous courses undertaken;
3. possesses the necessary motivation and ability to work independently.

The Independent Study request form must be signed by the instructor and the department chair before enrollment in the course is finalized. Summer and intersemester independent study also require the approval of the appropriate divisional dean.

DIRECTED STUDY POLICY

Directed study may be arranged in various fields to allow students to supplement departmental courses. To enroll in Directed Study 458, the student must complete the *Permission to Register* form, gaining the approval of the directed study instructor and the chair of the department from which credit will be granted.

CREDIT FOR LEARNING FROM LIFE EXPERIENCE (CLLE)

Daemen students may receive academic credit for training courses in the armed forces or other non-educational organizations, for acquired proficiency as determined by College Level Examination Program (CLEP) subject tests or Excelsior College Examinations, or for equivalent knowledge acquired through occupational or avocational life experiences. Criteria for granting Life Experience credit as presented in the following publications will be followed whenever possible:

1. College Level Examination Program (CLEP) by the College Board: limited to subject examinations.

2. Excelsior College Examinations by the University of the State of New York.

3. College Credit Recommendations by the National Program on Noncollegiate Sponsored Instruction (PONSI).

4. Guide to the Evaluation of Educational Experiences in the Armed Forces by the U.S. Armed Forces Institute (USAFI).

For further details, refer to the section in this catalog entitled Application Procedures: Credit by Examination. In cases in which the above criteria do not apply, the student may petition the Committee on Academic Standards for Credit for Learning from Life Experience (CLLE). The student should provide a recommendation from the faculty of the credit-approving department (via the chairperson). A faculty panel within the department from which credit is sought will design and conduct an individualized examination after consultation with the candidate. An oral examination, a written examination, a performance examination, or a combination of two or three of these evaluative techniques should be used. The Committee on Academic Standards will make the final decision regarding the requested credit. The amount of credit will vary with the nature of the learning experience and its applicability to a degree program. Students are advised to begin the CLLE application

process by discussing with the chair of the credit-granting department the feasibility of their petition. A fee is assessed for each course/credit for which CLLE is granted.

CHALLENGE EXAMINATIONS

Departments may offer challenge examinations to students who may possess proficiency in a particular course. Challenge exams must be designed by department faculty and are offered at the professional discretion of the faculty. Once a student completes the examination, he/she must petition the Committee on Academic Standards for credit for the course. The department chairperson, after grading the exam, will submit the grade recommendation to the Committee. The Committee's decision is final. The course, grade, and statement that a Challenge Exam was completed will appear on the student's transcript. A fee is assessed for each course/credit in which a student completes a challenge exam.

Academic Calendar for 2025-2026

Note: different calendar dates may apply for select courses and/or offerings at locations other than the main campus. Consult the complete academic calendar on the Daemen web page for details.

Link to **Daemen Academic Calendar Information**

First Semester	
August 29	Welcome Week begins
September 2	Classes begin
September 9	Last day for making changes in schedule (Adding and Dropping Courses Ends)
October 10	Application for Degree forms must be filed with the Registrar's office for all prospective January 2023 graduates
October 13-14	Indigenous Peoples Day- ***classes will not meet***
October 27	Mid semester grades due at **NOON**
November 4	Last day for authorized withdrawal from courses (or change to audit)
November 6	Advance Registration begins for Intersemester/Spring Semester 2026 (This date is subject to change)
November 26-28	Thanksgiving Recess- ***classes will not meet***
December 5	Last day of classes
December 8	Final Examinations begin
December 12	Final Examinations and Fall 2024 Semester Ends
December 16	Semester grades due at **NOON**
Intersemester Session	
January 5	Classes begin
January 13	Last day for authorized withdrawal from courses (or change to audit)

January 16	Last day of classes
January 19	Martin Luther King, Jr. Observance
January 20	Final Examinations are held (if no final exam, class is held on this day)
January 22	Intersemester grades due at **NOON**
Second Semester	
January 21	Classes begin
January 28	Last day for making changes in schedule (Adding and Dropping Courses Ends)
February 2	Application for Degree forms must be filed with the Registrar's office for all prospective May 2025 graduates
February 17	President's Day – ***classes will not meet***
March 7	Mid semester grades due at **NOON**
March 10-14	Spring Break – ***classes will not meet***
March 31	Last day for authorized withdrawal from courses (or change to audit)
April 2	Advance Registration begins for Summer and Fall Semester 2026 (This date is subject to change)
April 15	Celebration of Academic Excellence (Tentative date)
April 3-6	Spring Holiday – ***classes will not meet***
May 1	Last day of classes
May 4	Final Examinations begin
May 8	Final Examinations and Spring 2025 semester ends
May 12	Grades due at **NOON** for: prospective May 2026 graduates, non-graduating ceremony "walkers," also for candidates' admission to the Physician Assistant programs, and to the professional phase of the Physical Therapy program.
May 15	Annual Excellence Awards Ceremony: 7:00 PM (held in Yurtchuk Social Room)
May 16	Commencement held at Kleinhans Music Hall, Buffalo, NY

May 19	Semester grades due at **NOON** for all other students
June 15	Application for Degree forms must be filed for all prospective September 2026 graduates

Programs of Study (HEGIS codes)

The baccalaureate degree requires at least 120 semester hours of credit. These are to be distributed among the core requirements for general education, the major, and the remainder as free electives or additional requirements in subjects other than the major.

Students should note that enrollment in other than registered or otherwise approved programs may jeopardize eligibility for certain student aid awards. Daemen University is authorized by the Board of Regents of the State of New York to award degrees and certificates. Following is a listing of degree programs registered by the New York State Education Department. Certificate programs are listed following minors and specializations. All Daemen University programs are approved by the New York State Education Department for the training of veterans and other eligible persons. The list is arranged in alphabetical order. LOOK IN THE INDEX TO THIS CATALOG TO FIND DEPARTMENTS, PROGRAMS, MAJORS, AND SUBJECTS OR TOPICS THAT MAY NOT APPEAR IN THIS LIST OR THAT MAY BE KNOWN BY ANOTHER NAME.

The number prefixes are the HEGIS codes assigned by the New York State Education Department when programs are registered. The programs, academic disciplines, and departments at Daemen University are grouped into three academic colleges:

College of Arts, Sciences, and Education (CASE)

College of Health Professions (CHP)

College of Business and Human Services (CHHSB)

Refer to the indicated division section later in this catalog for degree requirements and course descriptions. Entry-level BS/MS and DPT programs are described in this Catalog. For post-baccalaureate graduate programs, consult the Daemen University Graduate Catalog.

Degrees are available in the following majors:

HEGIS CODE	DEGREE	DAEMEN DIVISION	
0502	B.S.	Accounting	CHHSB
0401.01	B.S.	Adolescence Education: Biology	CASE
1501.01	B.S.	Adolescence Education: English	CASE
1102.01	B.S.	Adolescence Education: French	CASE
1701.01	B.S.	Adolescence Education: Mathematics	CASE
2201.01	B.S.	Adolescence Education: Social Studies	CASE
1105.01	B.S.	Adolescence Education: Spanish	CASE
0808	B.S.	Students with Disabilities All Grades	CASE
1203.10	M.S.	Adult-Gerontology Primary Care Nurse Practitioner	CHP

1203.10	D.N.P.	Adult-Gerontology Primary Care Nurse Practitioner	CHP
0899.50	M.S.	Alt Cert: Childhood Special Education and General Education (TRANS B) – Initial/Professional	CASE
0899.50	M.S.	Alt Cert: Early Childhood Special Education and General Education (TRANS B) – Initial/Professional	CASE
1099	B.F.A.	Animation	CASE
2099	M.S.	Applied Behavior Analysis	CHHSB
1007	B.S.+	Applied Theater	CASE
1002	B.F.A.	Art	CASE
1002	B.S.	Art	CASE
1001	B.F.A.	Studio Arts	CASE
0599	M.S.+	Arts Administration	CASE
2101	M.S.	Behavioral Science and Human Services	CHHSB
0414	B.S.	Biochemistry	CASE
0401	B.A.	Biology	CASE
0401	B.S.	Biology	CASE
0401/1223	B.S./M.S.***	Biology/Cytology	CASE
0506	B.S.	Business Administration	CHHSB
0801	B.S.	Educational Studies	CASE
0506	M.B.A.	Business Administration	CHHSB
0802	B.S.	Childhood Education	CASE
808	M.S.	Childhood Education/SWD All Grades: Traditional	CASE
0808	B.S.	Inclusive Childhood/Students with Disabilities All Grades	CASE
506	B.A.	Strategic Communications	CASE
1703	B.S.	Data Science	CASE
0808	B.S.	Early Childhood Education/Special Education	CASE
808	M.S.	Early Childhood/Special Education: Traditional	CASE
1501	B.A.	English	CASE
0599	M.S.	Leadership and Innovation	CHHSB
1102	B.A.	French	CASE
4901	B.A.	Global and Local Sustainability	CASE
1009	B.F.A.	Graphic Design	CASE
1201	B.S.	Health Promotion	CHHSB

1201	B.S.	Health, Wellness, Fitness Management	CHHSB
502	M.B.A.	Accounting	CHHSB
1201/1214	B.S./M.P.H*	Health Promotion/Public Health	CHHSB
2205	B.A.	History	CASE
2205	B.A.	History and Political Science	CASE
808	M.S.	Inclusive Childhood Education -Additional Certification	CASE
808	M.S.	Inclusive Childhood Education – Initial/Professional	CASE
808	M.S.	Inclusive Childhood Education – Professional	CASE
2207	B.S.	Political Science	CASE
4901	B.A.	Individualized Studies	Inter-divisional
1009	B.S.	Arts Management	CHHSB
4901	B.A.	Liberal Studies	CASE
1701	B.A.	Mathematics	CASE
509	B.S.	Marketing	CHHSB
4902	B.S.	Natural Science	CASE
120.1	M.S.	Nursing/Adult-Gerontology Acute Care Nurse Practitioner	CHP
4902/1299.10	B.S./M.S.***	Natural Science – Health Sciences/Physician Assistant Studies	CHP
1203.10	B.S.	Nursing	CHP
1203.10	B.S./M.S.*	Nursing/Adult-Gerontology Primary Care Nurse Practitioner	CHP
1203.10	M.S.	Nursing Education	CHP
1203.1	M.S.	Nursing Leadership and Healthcare Administration	CHP
2209	B.S.	Criminal Justice	CASE
1203.10	D.N.P.+	Palliative Care Nursing	CHP
5099	B.S.	Paralegal Studies	CHHSB
1212	D.P.T.	Physical Therapy	CHP
1299.10	M.S.	Physician Assistant Studies	CHP
2207	B.A.	Political Science	CASE
2001	B.A.	Psychology	CASE
2001	B.S.	Psychology	CASE
1214	M.P.H.	Public Health	CHHSB
1510	B.A.	Religious Studies	CASE
2104	B.S.	Social Work	CHHSB

2104	M.S.W.	Master of Social Work	CHHSB
1105	B.A.	Spanish	CASE
1002	B.F.A.	Visual Arts Education	CASE

* accelerated dual-degree program leading to B.S./Master degrees – separate degree conferrals

*** entry-level Master's program leading to B.S./M.S. degrees – combined degree conferrals*

**** entry-level Master's program leading to B.S./M.S. degrees – separate degree conferrals*

+ inactive program – no new students are currently being accepted

Minors for Non-Majors

NOTE: All requirements for a minor must be completed in full by the time the requirements for one's major are fulfilled. **Minors for Non-Majors are available in:**

- Accounting
- Administration – Public
- Art
- Art History
- Atlantic Studies
- Biology
- Black Studies
- Business – General
- Business – International
- Chemistry
- Civil Society & Sustainable Communities
- Community Health Promotion
- Composition/Writing
- Computer Science
- Criminal Justice
- Entrepreneurship
- Forensic Studies
- General Business
- Global and Local Sustainability
- Global Studies
- Graphic Design
- Hispanic Linguistics
- Hispanic Studies
- History
- History – Public
- Human Resource Management – (limited to Accounting and Business majors and General Business minors)
- Illustration
- International Business
- Literature
- Literature and Composition

- Marketing – (limited to Accounting and Business majors and General Business minors)
- Mathematics
- Medical Humanities
- Painting
- Philosophy
- Philosophy & Religious Studies
- Political Communication
- Political Science
- Pre-Law
- Pre-Art Therapy
- Professional Medical Writing
- Professional Writing
- Psychology
- Public Administration
- Public History
- Public Relations
- Refugee and Migration Studies
- Religious Studies
- Sculpture
- Special Education – (open to all students except those pursuing teacher certification in Special Education)
- Sport Management – (limited to Accounting and Business majors and General Business minors)
- Sustainability – Global and Local
- Theater Arts
- Women's Studies

Core hours and free electives may be structured to fulfill various minor sequences upon advisement. Students interested in pursuing a minor(s) are required to file a Declaration of Minor form in the Registration Office.

The following specializations/tracks are available within degree programs:

- Accounting – MBA
- Business – General
- Business – International
- Communications/Public Relations
- Community Health (Health Promotion -Community Health)
- Comprehensive Arts
- Drawing/Illustration (with choice of emphasis in Drawing or Illustration)
- Environmental Studies (as part of degree programs in Biology; History & Political Science; Natural Science)
- Fine Arts
- Forensic Science
- General Business
- Health & Fitness Training
- Health Professions (option available in the M.S., Leadership and Innovation)
- Health Science
- Higher Education (option available in the M.S., Leadership and Innovation)

- Human Resource Management
- Individualized Studies (as part of the Natural Science degree)
- Marketing
- Not-for-Profit Organizations (option available in the M.S., Leadership and Innovation)
- Painting
- Pre-Professional Studies (Pre-Medicine, Pre-Veterinary, Pre-Dentistry)
- Public Relations/Communications
- Sculpture
- Sport Management
- Theater

Certificate Programs, designed primarily for the adult, non-degree, part-time population, are available in:

HEGIS CODE	UNDERGRADUATE CERTIFICATES	DAEMEN COLLEGES
5002	Accounting (30 credit hours)	CHHSB
5099	Human Resource Management (33 credit hours)	CHHSB
5099	Paralegal Studies (21 credit hours)	CHHSB
5208.30	Perspectives in Oncology Nursing for the International RN (30 credit hours)	CHP
5012	Visual Effects Training Program (15 credit hours)	CASE
HEGIS CODE	**ADVANCED CERTIFICATES**	**DAEMEN COLLEGES**
1203.1	Adult-Gerontology Acute Care Nurse Practitioner (27 credit hours)	CHP
1203.12	Adult-Gerontology Primary Care Nurse Practitioner (24 credit hours)	CHP
2099	Applied Behavior Analysis (28 credit hours)	CHHSB
0599	Leadership and Innovation (18 credit hours)	CHHSB
1203.12	Nursing Education (12 credit hours)	CHP
1203.12	Nursing Leadership and Healthcare Administration (36 credit hours)	CHP
506	Strategic & Analytical Management (12 credit hours)	CHHSP
1299+	Partners in Health for People with Disabilities (6 credit hours)	CHP

NOTE: + Inactive program – not currently accepting new students.

Less comprehensive than full-fledged degree programs, certificate, and advanced certificate programs are intended to provide formally certified documentation (credentials) that a person has earned academic credit for studying a specialized topic. See the Courses and Curricula section of the Catalog for information on requirements for

certificate programs and the Graduate Catalog for information on requirements for the advanced certificate programs.

Foreign Language Requirement

Students in BA degree programs must complete six credits in a foreign language. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A student with four or more years of language study may be prepared to take a proficiency examination to demonstrate intermediate-level proficiency, with no further coursework required.

In addition, regardless of demonstrated proficiency, all programs leading to teacher certification require the completion of a minimum of **six credit hours** in **one** foreign language.

Additional programs may also have a foreign language requirement. See The Courses and Curricula section of the catalog for information on requirements for specific programs. Students are encouraged to begin their language sequence early in their college career in order to take advantage of high school studies.

Hours in the Major

(includes specialization which may reflect some interdisciplinary studies)

ENTRY-LEVEL

B.A.	B.S.	B.S/MS./D.P.T.	B.F.A.
37 to 76	43 to 90	90 to 148	78 to 84

Free Elective Hours

(some programs allow a portion of these electives to be taken in the major)

ENTRY-LEVEL

B.A.	B.S.	B.S/MS./D.P.T.	B.F.A.
0 to 39	0 to 33	0 to 12	0

For more detailed information, consult specific program requirements. Complete curricular planning sheets for every degree program are available on departmental and the Registrar’s official websites.

SPECIAL PROGRAMS FOR ENRICHMENT & ACADEMIC CREDIT

Cross-Registration with Area Colleges

Any full-time matriculating undergraduate student may request enrollment in a course at another college in the Western New York Consortium of Colleges. Cross-registration enables Daemen University students to enrich their programs of study by taking specialized undergraduate courses available only at other campuses, and it provides some flexibility for meeting graduation requirements in a timely manner. The Cross-Registration option is applicable to semester registrations only.

A Cross Registration Request form must be completed in full and bear the signatures of the student, required faculty, and the Cross Registration Officer (who is an administrative staff member in the Daemen Registrar's office), and presented to the other institution at the time specified for cross-registration. Students must maintain a full-time course load (12 credits minimum) at the home institution during the semester in which they cross-register. If the course load at the home institution drops below full time, the home institution (Daemen) will notify the Cross Registration Officer of the visiting institution who will determine if a student will either be dropped from the cross-registered course or will remain enrolled and incur tuition charges from the visiting institution. Only one course may be taken as a cross-registration in any one semester. Only undergraduate courses may be completed via cross-registration. Course loads that exceed 18 semester hours (inclusive of the cross-registration coursework) will result in additional Daemen tuition charges. Select participating institutions may enforce NYS or Erie County residency requirements in order to waive cross-registration tuition charges from the visiting institution. (Students are strongly encouraged to consult the visiting institution's Cross Registration Officer before cross-registering.) Cross-registered courses do not fulfill Daemen University residency requirements, nor do they satisfy core competencies. Refer to the Residency Requirement section of this catalog for details on the residency requirement. Only with written authorization of the Core Director will a cross-registered course fulfill Quantitative Literacy and/or Writing Intensive requirements. Only in extraordinary circumstances, and only with the written authorization of the Core Director, will a cross-registered course fulfill Service Learning and/or Research and Presentation requirements (the latter for which departmental approval will also be solicited by the Core Director). Military Science courses are allowed through cross-registration but may **not** be taken for core credit. Consult the Military Science section of this catalog for complete details regarding the acceptability of Military Science credits and tuition charges.

Distance Education

Daemen University students have access to many distance education opportunities. The University uses both synchronous and asynchronous technology including video, audio, and text-based interactions via our Learning Management System. Online coursework is increasingly available for some courses within degree programs from multiple academic departments. Faculty members strive to create dynamic and high-quality learning experiences for students that are relevant, engaging, and interactive. Distance education at Daemen University is widely supported through our Office of Information Technology, and Quality in Distance Education committee to ensure both students and faculty have a successful and valuable experience.

Global Programs (Study Abroad)

All students are encouraged to study abroad as part of their university education. Australia, Costa Rica, Dominican Republic, Ireland, Italy, Poland, Spain, and Thailand are the most popular countries for studying abroad among Daemen students. Daemen University is affiliated with several excellent programs, including American Institute for Foreign Study (AIFS), Center for International Studies (CIS), International Studies Abroad (ISA), and Spanish Studies Abroad (SSA) that allow students to select a program that best fits their needs. These providers offer internships, service learning, and study abroad programs in over 40 countries.

Students can search a database of approved programs at https://daemen-sa.terradotta.com/ .

Many programs require six months to a year of planning. Students are advised to visit the Global Programs Office well in advance. To learn more about Daemen's Study Abroad programs, contact the Global Programs Office at international@daemen.edu.

Study Abroad Opportunities

Daemen has a number of short-term faculty-led opportunities that vary from year to year. These can include culture, art, biology, business, health, history, and service-learning. Examples include:

- Australia: Coral Reef Survey: Students will gain an understanding of how to measure the health of coral reefs, contrast biodiversity in different types of coral reefs, and appreciate the vital role coral reefs play in the socioeconomic health of rural Australia.
- England: Part of a spring course, Literature of London, spring break is spent visiting selected sites as discussed in class.
- Japan: A course with an international experience exploring the history and art form of Japanese animation.
- Thailand: Students engage in a unique service-learning project focused on human trafficking in Northern Thailand.

Internships/Clinicals/Practica Abroad

Students from any major are able to pursue internships abroad in their field of study.

Physical Therapy majors are able to take one of their three clinicals abroad. These options are limited. Please see the Clinical Coordinator for further information.

Public Health (MPH) students are able to fulfill their practicum requirements abroad.

Majors Requiring Study Abroad

The BA Liberal Studies- Hybrid program is required to study abroad in their first year. Students will be informed of the program requirements upon admission. All credit earned at seminaries abroad will be factored into program requirements and be factored into each student's Daemen grade point average (GPA). Students must submit all mandatory study abroad requirements to Global Programs by the deadline and be approved by Global Programs to study abroad prior to departing the United States for your year abroad at partner seminaries.

Study Abroad Requirements

Students who intend to study, intern, volunteer, or conduct research abroad must have their proposed coursework approved by their department and the Global Programs Office prior to departure. If a Student has less than a 2.0 GPA, they must have approval from their College's Dean. Students are not allowed to participate if they are on academic probation or suspended from the University or if they have not submitted the appropriate paperwork for approval. To be approved to study abroad, all students must submit requirements prior to departure and the start of the study abroad program. If the student fails to comply, the student will not be approved to study abroad as a Daemen student. Students are required to adhere to the Code of Conduct of the program in which they are participating and to Daemen's Student Code of Conduct. Grades earned as part of a study abroad program are factored into each student's Daemen (GPA). Official transcripts from a School of Record must be sent directly to the Daemen University Registrar to ensure credit is awarded.

Credit for Learning from Life Experience (CLLE)

Daemen students may receive academic credit for training courses in the armed forces or other non-educational organizations, for acquired proficiency as determined by College Level Examination Program (CLEP) subject tests or Excelsior College examinations, or for equivalent knowledge acquired through occupational or avocational life experiences. See the earlier CLLE entry under the Academic Regulations section for rules pertaining to life experience credit.

The Course Numbering System Used By Daemen University

Courses numbers generally reflect the course level (100-299 being lower-division baccalaureate level; 300-499 being upper-division baccalaureate-level courses and 500-700 being post-baccalaureate level.) Two-part courses are normally assigned course numbers in sequence. Odd numbers are generally assigned to the first part and even numbers to the second part of the course sequence. However, for specific course offerings, access the Course Schedules on Self-Service.

Daemen University is organized academically into two divisions, whose departments offer various majors. In this catalog, courses are grouped alpha-numerically by academic discipline or degree program and then listed under the name of the department offering the program. Please refer to the index to find subjects or topics whose Divisional/ Departmental affiliation may not be otherwise apparent.

General Education

Students begin their Daemen University journey with courses designed to assist their transition to college, entice them to explore new ideas and perspectives, and help them develop the skills they need to succeed in their program. The skills and knowledge at the heart of the General Education Program will prepare students to participate in and contribute to, an increasingly diverse and complex world. Key to fostering the student's development is the General Education Program, which is built around a solid foundation in the Liberal Arts. The Program provides a common educational experience for all students, regardless of major. The Daemen University General Education Program is designed to strengthen students' intellectual curiosity, professionalism, sense of civic literacy and responsibility, and ability to succeed in a globally integrated world.

The General Education experience consists of ten learning outcomes that are introduced in the General Education Program and are woven throughout the entire curriculum and into the student's major. As a result of this regular exposure and practice, students develop a greater understanding of, and appreciation for, the skills and knowledge that will be the foundation of their professional and public future. As students complete the General Education Program, they acquire the ability to think, adapt, and act in an increasingly complex and rapidly changing multicultural environment.

The core requires the successful completion of 36 credits of approved General Education courses.

The General Education curriculum entails successful completion of a set of requirements as follows. (These requirements may be satisfied anywhere in the student's program.)

FIRST YEAR EXPERIENCE (9 Credits)

The first-year experience Includes a first-year seminar and a learning community experience.

First-Year Learning Community experience (6 credits)

First-Year Seminar (3 credits)

Gearing Up. It includes in-person and web-based/experiential learning activities (not credit-bearing).

DEPTH DISCOVERY (9 Credits)

Students will take 9 credits (three courses) of interconnected classes that provide students with the opportunity to explore a topic or set of ideas in depth. Students can fulfill this requirement with an approved Discovery topic, with their own adventure, with an approved interdisciplinary minor, or with a Study-Abroad experience.

Approved Depth Discovery

- ## Art and Human Expression

  "O brave new world, That has such people in't," marvels Shakespeare. Although some may question why people need the arts and humanities, many of us enjoy plays and films, go to museums, paint or draw, read books, and write poetry. These creative works take us into imagined worlds that help us to understand how others think and live—and understanding others helps us to become more compassionate and more able to deal with both personal and historical issues. How do we make sense of relationships, of love and suffering, of political and social conflict? How do we view ourselves, compared to those who have come before us and those who will follow us? Art, poetry, drama, philosophy—courses in this discovery will open you to the importance of human creativity as a reflection of our world and help you form your own response.

  - CMP-202 Writing Theory & Practice *(WIN 2)*
  - CMP-317 Feature Journalism *(WIN 2)*
  - IND-275 History of Art: Ancient-Medieval *(WIN2)*
  - IND-285 History of Art: Renaissance-Modern *(WIN 2)*

- IND-328 Image of Women in Art and the Media
- LIT-201 World Literature I
- LIT-202 World Literature II—Myths and Modern Tales
- LIT-212 Readings in American Literature II
- LIT-219 Literature and Film
- LIT-309 Film Seminar — "Women in Film" topic
- LIT-318 English Drama
- LIT-324 Jane Austen
- LIT-340 Dickens & Victorian Culture *(WIN 2)*
- PHI-216 Ethics
- PHI-314 Philosophy of Art
- PSC-321 Politics and Popular Culture in America *(WIN 2)*
- REL-322 The Gospels *(WIN 2)*
- THA-232 Shakespeare in Performance

Bodies, Mind, and Health

In recent years, healthcare professionals have begun to rethink how we understand health and wellness. Instead of only focusing on the current physiological state of the body, professional organizations, and individual practitioners now recognize that psychological, emotional, and sociocultural factors play an equally important role in someone's well-being. This discovery emphasizes how individuals psychologically process cultural definitions of health and philosophically evaluate ethical aspects of healthcare. Since each of these approaches depends on evidence-based scientific research, you will also explore how we analyze data about healthcare, both as a society and as individuals.

- CMP-302 Technical Writing *(WIN 2)*
- HPR-229 Integrative Stress Management
- HPR-313 Principles of Health Behavior Change
- HPR-320 Community Health Education & Disease Prevention
- HSC-233 Herbs, Drugs, Supplements, and the Body
- LIT-329 Imagining Trauma
- LIT-336 Dystopian Literature
- PHI-320 Philosophy of Medicine
- PHI-321 Medical Ethics
- PSY-219 Psychology of Mental Illness
- PSY-231 Behavior Disorders of Childhood & Adolescence
- PSY-232 Experimental Animal Behavior
- PSY-301 Psychology of Human Sexuality and Sexual Health
- PSY-306 Forensic Psychology *(online)*
- PSY-308 Health Psychology
- PSY-314 Biological Bases of Behavior
- PSY-380 Drugs and Behavior

Cooperation, Conflict, and Change

How do societies navigate struggle, collaboration, and transformation? Throughout history, individuals and institutions have faced challenges ranging from political upheaval and war to environmental crises and public health threats. Some conflicts lead to destruction, while others spark innovation, cooperation, and reform. This discovery examines how power is gained and contested, how social movements emerge, and how people and nations work toward—or resist—change. Drawing from history, political science, literature, journalism, philosophy, and public health, these courses explore the forces that shape our world and the strategies that create a more just and sustainable future.

- CMP-212 News Writing *(WIN 2)*
- CMP-217 Rhetoric: Argument and Persuasion *(WIN 2)*
- CMP-317 Feature Journalism *(WIN 2)*
- ECO-213 Economics of Inequality *(WIN 2)*
- HPR-308 Environmental Health

- HPR-320 Community Health Education and Disease Prevention
- HPR-335 Critical Issues in Global Health
- HST-206 Communism, Fascism & Democracy
- HST-220 American History to 1877
- HST-221 American History 1877 to Present
- HST-324 Issues in Global Environmental History
- HST-326 Culture Wars: Social & Political Conflict in Recent US
- History
- LIT-203 Crown, Sword, & Empire: British Lit to 1800 *(WIN 2)*
- LIT-204 British Literature II: Empire Writes Back
- LIT-212 Readings in American Literature II
- LIT-316 Empire & the Imagination
- LIT-318 English Drama
- LIT-336 Dystopian Literature
- LIT-340 Dickens & Victorian Culture *(WIN 2)*
- LNG-307 The English Language: Structure, Power, & Change
- LNG-309 Language in Society
- PHI-310 Environmental Ethics
- PHI/REL-211 African American Thought *(WIN2)*
- PHI/REL-309 The Holocaust
- PHI/REL-328 Comparative Genocide *(WIN2)*
- PSC-214 Introduction to Refugee Studies
- PSC-216 Politics of (Mis)Representation
- PSC-220 Contemporary International Issues *(online)*
- PSC-222 Polling and Public Opinion: Following the Will of the
- People?
- PSC-224 Influencing Politics: American Voter in Campaigns and
- Elections
- PSC-231 International Organizations/Global Government
- PSC-305 American Constitutional Law
- PSC-313 Watchdogs vs. Lapdogs: Politics & Media *(WIN 2)*
- PSY-210 Social Psychology
- PSY-318 Heroes, Healers, and DoGooders: The Psychology of
- Helping and Altruism
- SOC-209 Social Problems
- SOC-243 Child Welfare Policy and Services
- SUST-326 Green Buildings
- SUST-338/IND-338 Food and Agriculture Issues

Diversity and Human Difference

How do identity and power shape the human experience? Across history and cultures, differences in gender, race, ethnicity, sexuality, class, and religion have influenced social structures, personal identities, and justice movements. This discovery explores the ways individuals and communities navigate inclusion, exclusion, and transformation. You will examine cultural narratives, systemic inequalities, and efforts to build a more just and equitable world. By analyzing diverse perspectives, you will develop a deeper understand- ing of how human differences intersect and evolve, gaining insights into the challenges and possibilities of living in a diverse society.

- HPR-338 Social Determinants of Health
- HSC-221 Issues in Women's Health
- HST-215/WST-215 Introduction to Women's Studies
- HST-220 American History to 1877
- HST-221 American History 1877 to Present
- HST-309/WST-309 Intro to the History of American Women
- HST-324 Issues in Global Environmental History
- HST-326 Culture Wars: Social and Political Conflict in Recent US
- History

- IND-328 Image of Women in Art and the Media
- LIT-201 World Literature I
- LIT-202 World Literature II—Myths and Modern Tales
- LIT-204 British Literature II: Empire Writes Back
- LIT-212 Readings in American Literature II
- LIT-309 Film Seminar — "Women in Film" topic
- LIT-316 Empire & the Imagination
- LIT-324 Jane Austen
- LIT-329 Imagining Trauma
- LNG-307 The English Language: Structure, Power, & Change
- PHI-321 Medical Ethics
- PHI/REL-211 African American Thought *(WIN2)*
- PHI/REL/WST-336 Sex, Love and God *(WIN 2)*
- PSC-214 Introduction to Refugee Studies
- PSC-216 Politics of (Mis)Representation
- PSC-223 Political and Civil Rights in the United States
- PSY-301 Psychology of Human Sexuality and Sexual Health
- PSY-391 Psychology and Culture
- SOC-224 Ethnicity, Race, and Cultural Diversity
- SOC-303 Sociology of Family *(WIN 2)*

Approved Interdisciplinary Minors

Behavioral Science Minor

Black Studies

Criminal Justice

Community Health Promotion

Equity, Access, Services & Engagement (EASE)

Forensic Studies

Global and Local Sustainability

Global Studies

Medical Humanities

Pre-Law

Public Administration

Refugee and Migration Studies

Women Studies

BREADTH EXPLORATION OF THE LIBERAL ARTS (18 Credits)

Students will take 6 credits (two courses) in three areas: the Natural Sciences and Mathematics; the Social Sciences; and the Humanities

WRITING INSTRUCTION (WIN)

Students complete a minimum of three Writing Instructive (WIN) courses at Daemen, some within Gen Ed and some within the majors. These courses are:

Composition 101 (WIN 1, a university-wide rather than General Education requirement)

One General Education WIN course (WIN 2)

WIN 3, a departmental rather than General Education writing opportunity

Students who are bringing in AP Composition will take two WIN 2 General Education courses.

Honors Program

The mission of the Daemen University Honors Program is to foster academic excellence and personal growth among motivated students through thought-provoking coursework and collaborative research opportunities. The program encourages interdisciplinary exploration and critical thinking, while promoting service to the community as a means to create positive change. Its mission is to empower the next generation of leaders and thinkers who will shape a better future for all. Students who have demonstrated excellence in learning can benefit from honors courses, which examine complex issues from multiple perspectives, use primary sources rather than textbooks, and present special research opportunities. The program is overseen by the Honors Director, a six-member student governing board elected by members of the honors program, and an Honors Council comprising administrators, staff, and faculty representing the major academic areas of the university. Oversight includes evaluation of student applications, program assessment, review of proposed new colloquia, judgment of points accumulation, and matters relative to honors' capstone projects.

Program Requirements

To graduate with an honors degree, a student must complete 24 hours of honors coursework, including 12 hours of upper-division (300-400-level) coursework. Honors coursework typically also fulfills requirements in the core, major, or minor. Students entering the program in the first year of college will earn six hours during the first semester through the honors sections of the First Year Experience. Students may complete honors requirements by selecting courses from the following honors experiences:

1. Contracted Courses: Honors students may receive honors credit for any regular undergraduate class offering by designing an honors contract with the professor. The contract must specify the type, nature, and purpose of additional research and assignments. If it is at all possible, the honors student's work should contribute to the educational experience of the class in general, perhaps through an oral presentation to share the results of her/his research. The honors student must complete the contract in order to receive honors credit for the course.
2. Honors Colloquia: Honors colloquia are offered occasionally, dependent upon curricular restraints and the availability of faculty. Honors colloquia typically address topics that represent areas of faculty research and expertise or areas of student interest; they are distinct from a department's usual course offerings. Colloquia are conducted in seminar (rather than in lecture) format and engage students in the advanced study of the topic, using primary texts and academic research methods.
3. Honors Tutorials: In an honors tutorial, the student works one-on-one with a faculty member to design a course of study on a particular topic of student interest that is not a regular course offering. The student and faculty members work together to determine course readings, research methodology, and appropriate assignments.
4. Opportunity for Study Abroad and/or Summer Institutes: Honors students are encouraged to take advantage of opportunities to study abroad and to attend summer institutes on other college campuses. Study abroad courses may be taken for honors credit, subject to the approval of the Honors Director and completion of a 1000+ word review about the experience and what was learned from it.
5. Honors Capstone: All Honors Program students are required to complete a Capstone Presentation prior to graduation. This presentation must showcase either advanced research conducted within the student's academic discipline or a synthesis of cumulative knowledge and experiences gained throughout their participation in the Honors Program, utilizing their Digication portfolio as the foundation. The Capstone Presentation is a culminating experience designed to demonstrate academic growth, critical thinking, and effective communication to an audience of peers, faculty, and guests. All presentations must be delivered at the annual Year-End Honors Symposium.
6. Academic Expectations: Each member of the honors program will be expected to maintain a

minimum 3.3 grade point average. Those whose average falls below the minimum will incur membership probation.

The Point System

Graduating with the honors designation indicates academic excellence, but it is also meant to reflect a student's involvement in the program throughout a collegiate career. A points system has been implemented to encourage participation in events and activities beyond academic honors coursework. Event point values may vary depending on time requirements, and may even vary from semester to semester. If the student fails to accumulate the required amount of points in a semester, he or she will be placed on membership probation for the following semester. During a probation semester, the student will continue to attend meetings, complete honors classes or contracts, and earn points. Any student who fails to meet the point requirement for a second time is subject to termination from the honors program.

Benefits for Honors Students

Honors students have the opportunity to work one-on-one with outstanding professors to conduct a deeper exploration of topics and form interdisciplinary connections between course materials. They also receive the following privileges:

1. Priority registration by class rank (junior honors students before juniors, for example)
2. Use of an honors-only lounge (including study space, computers, free printing, etc.)
3. Funded travel to conferences
4. Eligibility for existing scholarship programs, as well as support to pursue national scholarships such as Truman, Marshall, Mellon, and Fulbright Scholarships
5. Enhanced opportunities to meet and interact with a diverse group of students

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Megan Mikolajek, *Assistant Coach, Women's Lacrosse.*

Michael Miranto, *Senior Associate Athletics Director for Communications & Operations;* B.A., SUNY Buffalo State.

Zachary Morris, *Assistant Athletic Trainer & Strength/Conditioning*; B.S., Canisius University.

Darek Przybyl, *Interim Head Coach, Men's Volleyball;* B.S., Medaille College.

Michelle Rivers, *Assistant Coach, Women's Cheerleading*.

Jeffrey Sage, *Assistant Athletics Director for Sports Medicine & Performance*; B.S., The College at Brockport; M.S., California University of Pennsylvania.

Bret Stothart, *Director of Recreation and Wellness*; B.S., Springfield College; M.B.A., Niagara University.

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Quinn Lee Yaw, Assistant Coach, Men's Basketball; B.A. Psychology, Daemen University.

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Accreditation and Institutional Policies

Daemen University is authorized by the Board of Regents of the State of New York to award degrees and certificates for programs registered with the New York State Board of Regents.

Accreditation

Daemen University is accredited by the **Middle States Commission on Higher Education** (MSCHE), 3624 Market Street, 2nd Floor West, Philadelphia, PA 19104, (267) 284-5000. Email: **info@msche.org**, Spanish: **españolinfo@msche.org**. The Middle States Commission on Higher Education is a regional accrediting body recognized by the Council for Higher Education Accreditation (CHEA), April 2013 and the U.S. Department of Education (USDE).

Bachelor of Science (B.S.) programs in **Accounting** and **Business Administration and** dual **(B.S./M.S.)** degrees in **Accounting/ Professional Accountancy** and in **Business Administration/International Business** are accredited by the **International Accreditation Council for Business Education** (IACBE), 11374 Strang Line Road, Lenexa, Kansas 66215, USA, (913) 631-3009, fax (913) 631-9154, a specialized accrediting body recognized by the Council for Higher Education Accreditation (CHEA), January 2011. E-mail: **iacbe@iacbe.org**.

Baccalaureate Educator Preparation programs are currently pursuing accreditation by the **Association for Advancing Quality in Educator Preparation** (AAQEP), P.O. Box 7511 Fairfax Station, VA 22039-9998. Email: **aaqep@aaqep.org**. Pursuant to the Regulations (52.21) of the New York Commissioner of Education, the educator preparation programs offered by Daemen University are considered to be continuously accredited for purposes of meeting the New York State requirement that all such programs maintain continuous accreditation.

Nursing baccalaureate (B.S.) programs are accredited by the Accreditation Commission for Education in Nursing (ACEN), 3390 Peachtree Road NE, Suite 1400, Atlanta, GA 30326, Phone: 404.975.5000, **email:info@acenursing.org** website: **www.acenursing.org**. ACEN is a specialized accrediting body recognized by the Council for Higher Education Accreditation (CHEA), and the U.S. Department of Education (USDE).

Bachelor of Science (B.S.) degree and **Certificate** in **Paralegal Studies** are approved by the **American Bar Association**, Standing Committee on Paralegals, 321 N. Clark Street, Chicago, IL 60654-7598, (312) 988-5000, Hotline (800) 285-2221. American Bar Association, Council of the Section of Legal Education and Admissions to the Bar is recognized by the U.S. Department of Education (USDE).

The clinical doctorate in **Physical Therapy (DPT)** is accredited by the **Commission on Accreditation in Physical Therapy Education** (CAPTE), American Physical Therapy Association, 3030 Potomac Ave., Suite 100, Alexandria, Virginia 22305-3085, telephone: 703-706-3245, email: **accreditation@apta.org.** CAPTE, an accrediting body for professional programs for the physical therapist, is recognized by the Council for Higher Education Accreditation (CHEA), September 2012, and the U.S. Department of Education (USDE).

The **Physician Assistant Studies program (B.S./M.S., M.S.)** is accredited by the **Accreditation Review Commission on Education for the Physician Assistant** (ARC-PA). The Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) has granted Accreditation-Continued status to the Daemen University Physician Assistant Program sponsored by Daemen University. Accreditation-Continued is an accreditation status granted when a currently accredited program is in compliance with the ARC-PA Standards. Accreditation remains in effect until the program closes or withdraws from the accreditation process or until accreditation is withdrawn for failure to comply with the Standards. The approximate date for the next validation review of the program by the ARC-PA will be 2033M. The review

date is contingent upon continued compliance with the Accreditation Standards and ARC-PA policy.

The program's accreditation history can be viewed on the ARC-PA website at **http://www.arc-pa.org/wp-content/uploads/2020/09/Accreditation-History-Daemen-College-46.pdf.**

The **Social Work baccalaureate** and **masters (MSW) programs** are accredited by the **Commission on Accreditation, Council on Social Work Education** (CSWE), 1701 Duke Street, Suite 200, Alexandria, VA, 22314-3457, (703) 683-8080, fax (703) 683-8099, email: **info@cswe.org**. CSWE is a specialized accrediting body recognized by the Council for Higher Education Accreditation (CHEA), in April 2003.

Distance Education Approval

Daemen University is approved by the New York State Education Department (NYSED) for participation in the State Authorization Reciprocity Agreements. The National Council for State Authorization Reciprocity Agreements, commonly known as SARA, provides a voluntary, regional approach to state oversight of postsecondary distance education. For more information about SARA, visit their website at **https://nc-sara.org/**.

Affiliations

- Association for the Advancement of Sustainability in Higher Education
- Association of American Colleges and Universities
- Association of Governing Boards
- Commission on Independent Colleges and Universities
- Council of Independent Colleges
- Council on Undergraduate Research
- National Association of Independent Colleges and Universities
- National Collegiate Athletic Association (NCAA) Division II
- P2 Collaborative of WNY, Inc.
- Western New York Consortium of Higher Education
- Western New York Service Learning Coalition

Availability Statement and Procedures to Review Accrediting and Licensing Documents

Accrediting and Licensing documents are available for inspection. Requests should be in writing and sent to the:

> Office of the President/Daemen University
> 4380 Main Street, Amherst, NY 14226-3592

Consumer Information

Here is a link to our webpage with **Consumer Information**

The following offices of Daemen University have been designated to disseminate consumer information:

- **Office of Enrollment Management**
- **Office of Financial Aid**
- **Office of Institutional Research**
- **Office of the Registrar**
- **Office of Student Accounts**

Complaints

Daemen University is committed to serving its students effectively and responsively. Students with questions or concerns should communicate directly in writing with the department or office concerned, with a view to resolving the issue as expeditiously as possible. If the matter remains unresolved at the department/unit level, students should bring their complaints in writing to the attention of the Dean of the pertinent academic college, the Dean of Students, the Bursar, Director of Financial Aid, or the Associate Vice President for Student Success, as applicable. At each level, a written response will be provided to the student within 10 business days.

Students who are unsure of whom to contact or who need further guidance may contact the Associate Vice President for Student Success, Sabrina Fennell, in the Student Success Center, Research and Information Commons Room 108, Daemen University, 4380 Main St., Amherst, NY 14226, **email** or telephone: +1 (716) 839.8228 for assistance.

Additional information for complaints related to consumer protections and/or SARA Policy can be found on our **SARA Distance Education Compliance page**.

Nondiscrimination & Equal Opportunity Policy

Daemen University is committed to compliance with its obligations under Title IX of the Educational Amendments of 1972, Titles VI and VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, the Americans With Disabilities Act, the Age Discrimination in Employment Act, Executive Orders, the New York State Human Rights Law, and other applicable anti-discrimination laws. It is the policy of Daemen University to provide all students, applicants, and employees equal access to all programs and facilities without regard to sex, sexual orientation, gender, race, color, creed, religion, veteran or military status, national origin, age, disability, familial status, marital status, domestic violence victim status, status as an ex-offender, arrest record, predisposing genetic characteristics or genetic information, or any other characteristic protected by federal or New York State law. Furthermore, the University will not discriminate against any individual with respect to the application of university policies, or the criteria for the successful completion of any course or program on the basis of sex, sexual orientation, gender, race, color, creed, religion, veteran or military status, national origin, age, disability, familial status, marital status, domestic violence victim status, status as an ex-offender, arrest record, predisposing genetic characteristics or genetic information, or any other characteristic protected by federal or New York State law.

Furthermore, the University will not discriminate against any individual with respect to the application of university policies, or the criteria for the successful completion of any course or program on the basis of sex, sexual orientation, gender, race, color, creed, religion, veteran or military status, national origin, age, disability, familial status, marital status, domestic violence victim status, status as an ex-offender, arrest record, predisposing genetic characteristics or genetic information, or any other characteristic protected by federal or New York State law.

Every person in the Daemen University community is required to be familiar with and act in accordance with this policy. This includes administrators, faculty, staff, students, contractors, and vendors. All violations of this policy will be addressed and, where appropriate, discipline will be administered. Any person or entity found in willful violation of this nondiscrimination policy shall be subject to termination, expulsion, or contract termination as appropriate.

The University President has assigned day-to-day responsibilities for the implementation and administration of this policy to the VP for Institutional Equity & Belonging, Tiffany Hamilton, who is the University's Equal Opportunity and Affirmative Action Officer. Any questions concerning this policy and any complaints of discrimination should be communicated to the EOAA Officer, Tiffany Hamilton, Duns Scotus Hall, Room 118, telephone 716.566.7880, **thamilto@daemen.edu**.

A complaint of discrimination may also be filed with the Office for Civil Rights (OCR) of the U.S. Department of Education. Complaints are to be filed within 180 calendar days of the alleged act of discrimination and may be made to the New York regional office of OCR:

New York Office
Office for Civil Rights
U.S. Department of Education
32 Old Slip, 26th Floor
New York, NY 10005-2500
Telephone: 646-428-3900
FAX: 646-428-3843; TDD: 877-521-2172
Email: **OCR.NewYork@ed.gov**

Accommodation of Students with Disabilities

Daemen University is committed to ensuring equal access and full participation in programs and activities for students with disabilities in compliance with section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, and applicable state and local laws. Accessibility Services is the department designated by the University to determine reasonable and appropriate accommodations and services for students with disabilities.

It is Daemen University's responsibility to:

- Reduce or eliminate physical, educational, and attitudinal barriers to students with disabilities.
- Maintain confidentiality of records and communications concerning students with disabilities in accordance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act, and the Family Educational Rights and Privacy Act except where disclosure is required by law or authorized by the student.
- Assist students with disabilities who self-identify and meet the University's criteria for eligibility in receiving reasonable and appropriate accommodations as determined on a case-by-case basis.
- Provide information regarding guidelines and procedures to students with disabilities in a timely manner and in an accessible format.

PROCEDURE FOR REQUESTING AN ACCOMMODATION

If a qualified applicant for admission to the university or a student of the university anticipates a need for accommodation to complete a course of study or to participate in a university program or activity (student housing, dining, etc.), the request for accommodation should be brought to the attention of the Director of Accessibility Services at 716-839-8228.

The following are sources of information that are used for determining a disability and/or reasonable and appropriate accommodations:

Student Self Report: Students should schedule a meeting with the Director of Accessibility Services to describe their disability and the accommodations they are requesting to receive. Students may consider including information about their experience related to their disability, barriers faced, and/or previous accommodations used.

Observation and Interaction: Observations can be valid information in a student's self-report which further validates the need for accommodations. Accessibility Services staff is experienced in working with students with disabilities and may be able to determine if the request is reasonable based on observations and interactions.

Documentation: Disability-related documentation should provide information on the impact of the disability so appropriate accommodations may be identified. Documentation may include assessments, reports, and/or letters from diagnosing and treating healthcare providers, psychiatrists, or other qualified professionals. Suggested documentation elements include:

- Typed on letterhead, dated and signed by the qualifying professional
- Diagnostic statement
- Impact and/or symptoms of the disability
- If appropriate, severity expected progression and list of medications and their side effects
- Current and/or past accommodations
- Recommendations for accommodations

Also found here: Disability Documentation Guidelines

PROCEDURE FOR RECEIVING APPROVED ACCOMMODATIONS

Accessibility Services will provide an Accommodation Letter upon request, each semester, to students who have approved accommodations specifying the accommodations approved by the University. In keeping with the University's nondiscrimination policy, accommodations are to be made only at the request of the student, not assumed or imposed by other parties.

The student shall present their Accommodation Letter to the appropriate faculty member, staff member, or administrator when requesting to utilize an accommodation. Accommodations should not be provided to students without an Accommodation Letter which has been approved by the University. A student lacking such documentation should be referred to Accessibility Services.

Should any problem arise in securing an approved accommodation, the student should bring the problem to the immediate attention of the 504/ADA Compliance Officer, Associate Vice President for Student Success, Sabrina Fennell, who will assist in resolving the matter. In addition, any member of the University community with questions or concerns about the University's disability policy and procedures should contact the 504/ADA Compliance Officer. Retaliation against students, applicants, or employees for exercising their rights under this policy is strictly prohibited and will not be tolerated. Claims of retaliation should be reported to the 504/ADA Compliance Officer.

Student Rights Under the Family Educational Rights and Privacy Act (FERPA Policy)

Pursuant to the Family Educational Rights and Privacy Act of 1974 (FERPA), Daemen University has adopted a policy that protects the confidentiality of student educational records and grants third-party access to such records only with the student's consent or under other limited conditions. The University may publish certain directory information, such as the student's name, address (including email), telephone number, date and place of birth, major field of study, participation in activities and sports, weight and height of members of athletic teams, dates of attendance, enrollment status (includes advance registration data, anticipated graduation year, class status), resident status (commuter or resident), degrees and awards received, and the most recent educational institution attended by the student unless advised in writing by the student not to do so. The university policy also grants students access to their records, except, where applicable, for the financial information of their parents. A procedure has been established whereby students can challenge the content of their educational records, and if appropriate, provide a written explanation to be placed into their records. To review the full policy, see the Student Handbook (online) or contact the Registrar's Office.

ACADEMIC PROGRAMS

Accounting

Contact Information

phone: (716) 839-8286
daemen.edu/accounting

Chair

Dr. Tito Rodriguez
(716) 839-8285

Accounting Program Director

Jill Ervin

(716) 839-8286

Degrees Offered

- **Bachelor of Science in Accounting**
- **Bachelor of Science in Accounting/Master of Science in Professional Accountancy**
    - no longer accepting applicants into this program – contact Department Chair for updates about upcoming Accounting Master's degree options

The B.S. Accounting/M.S. Professional Accountancy is a 150-hour program registered with the New York Board of Accountancy to meet the educational requirements for the CPA exam in New York State.

Minor

- **Accounting**

Certificate

- **Accounting**

Accreditation Information

Bachelor of Science (B.S.) programs in **Accounting and** dual **(B.S./M.S.)** degrees in **Accounting/ Professional Accountancy** are accredited programs.

You can find **Accounting accreditation information** in our catalog.

Mission Statement

The mission of the Accounting program is to prepare students with the essential intellectual qualities for success through targeted studies in accounting and business, experiential learning, and broad-based education necessary for ethical and professional accomplishment. We will also guide students in the development of personal qualities and norms that support success in a competitive global environment.

Student Learning Outcomes

Upon completion of the Undergraduate Accounting Program:

1. Students will be able to demonstrate content knowledge of core business and specialized accounting concepts.
2. Students will be able to formulate business decisions through the use of quantitative and technology-based tools.
3. Students will be able to communicate effectively within various business contexts.
4. Students will be able to conduct research necessary to identify, synthesize, and produce relevant accounting information.
5. Students will be able to synthesize legal and ethical concepts to inform accounting and business decisions.

Master's Student Learning Outcomes:

In addition to the student learning outcomes noted above, students in the master's portion of the B.S./M.S. in Professional Accountancy will be able to:

1. Students will investigate theories, concepts, and best practices within the context of integrated processes.
2. Students will leverage technology and resources to analyze complex business problems and

formulate innovative strategies.

3. Students will apply change management theories and evaluate leadership techniques.
4. Students will research the larger global, ethical, political, and legal environment of business to recommend specific and sustainable management decisions.

Linda Eckert Kuechler & Herbert B Eckert Memorial Scholarship

The award is made to a senior-level accounting major who has been accepted into the 150-hour graduate accounting program at Daemen University. Recipients are expected to be in good academic standing, to progress through the program on a full-time basis, and exemplify ethical standards. An essay addressing why ethical behavior is good business is required of applicants. Further details may be obtained from the Department Chair.

Lumsden & McCormick, LLP Endowed Scholarship in Accounting

Multiple awards are made to junior or senior accounting majors who are expected to be in good academic standing and possess a record of academic excellence in both their major area of study as well as other general education courses. Further details may be obtained from the Department Chair.

Bachelor of Science in Accounting

General Education Program

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BS Requirements

1. Major: 69 CREDITS

- ***The following courses require C or better****:*
- ACC225 Financial Accounting (3)
- ACC226 Managerial Accounting (3)
- ACC311 Intermediate Accounting I (3)
- ACC312 Intermediate Accounting II (3)
- ACC315 Cost Accounting (3)
- ACC318 Income Tax Theory (3)
- ACC360 Nonprofit Accounting (3)
- ACC415 Advanced Accounting Problems (3)
- ACC420 Auditing (3)
- ACC490 Accounting Theory & Professional Ethics (3)
- BA350 Business Law I (3)
- BA351 Business Law II (3)
- ECO201 Principles of Microeconomics (3)
- ECO202 Principles of Macroeconomics (3)
- FIN325 Corporate Finance (3)
- FIN: 3 credits in a Finance Elective
- MGQ427 Managerial Decision Making (3)
- MGT208 Principles of Management (3)
- MIS280 Computer Studies and Problem Solving (3)
- MIS295 Accounting Information Systems (3)
- MKT209 Principles of Marketing (3)
- MTH104 Survey of Statistics (3)
- CMP101 English Composition (3)

2. Requirements Outside of the Major: 5 CREDITS

- CFE97 Career Preparation Seminar (0)- prerequisite to the Career Field Experience
- BA202 Professional Branding and Sustainability (1)
- BA340 Internship Facilitation (1)
- 3 credits: CFE4XX Career Field Experience (See below **Additional Pertinent Information** section for further details.)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics:
    - Choose one course from: Biochemistry, Biology, Chemistry, Computer Science, Environmental Science, Math, and Physics (6)
  - Social Science:
    - Choose two courses from: Anthropology, Economics, History, Linguistics, Political Science, Psychology, and Sociology (6) **ECO213 recommended.**
  - Humanities:
    - PHI216 Ethics (3)
    - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3) **ENTR201 recommended.**

4. Free Electives: 15 CREDITS

- 12 credits must be in Liberal Arts and Sciences from the following subjects: Anthropology, Art, Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political Science, Psychology, Religion,

Sociology, Spanish, and Theater. **CA-125, ART-103, ENTR-301, ENTR-401 recommended.**

TOTAL BS PROGRAM REQUIREMENTS = 125 CREDITS

Transfer Policy

A student transferring from a two-year college or from a four-year school with a non-registered Accounting program will be limited to transferring the following accounting courses provided they have been assessed as meeting Daemen's stated levels of competence for comparable work: ACC225, ACC226, ACC315. A transfer student who originally enters another major at Daemen and transfers into the Accounting program will need to undergo a re-evaluation of any transfer of accounting courses to meet the above requirements.

Graduation Requirements

1. Minimum grades of C must be achieved in the following: ACC225, ACC226, ACC311, ACC312, ACC315, ACC318, ACC360, ACC415, ACC420, ACC490, BA350, BA351, CMP101, ECO201, ECO202, FIN325, 3-credit Finance elective, MGQ427 , MGT208, MIS280, MIS295, MKT209. Students will be allowed to retake the previously referenced courses only once to earn the required minimum grade of C.
2. **BS:** An overall grade point average (GPA) of 2.50.
3. **BS/MS:** Overall grade point averages (GPA) of 3.00 in **both** the undergraduate and the graduate portions of the program.

Pursuit Of The BS/MS, Accounting/Professional Accountancy

For those students applying to the BS/MS program, an overall grade point average (GPA) of 3.00 is required. Students with a GPA of less than 3.00 who wish to pursue the BS/MS program should consult with the Accounting Program Chair regarding conditional acceptance. Students who are conditionally accepted will be allowed to take three of the required graduate courses while still being a major in the BS, Accounting program. If minimum grades of B are achieved in each of the three graduate courses, the student will file the Change of Major form with the Registrar's office and will be accepted as a matriculating student in the BS/MS program.

Students who wish to pursue the dual-degree BS/MS Accounting/Professional Accountancy program will begin studies as a major in the BS, Accounting program and must formally apply for a change to the dual degree program by completing a Change of Major form with the Registrar's office. This change will generally occur upon completion of the Sophomore year. The registered BS/MS Accounting/Professional Accountancy program is available only to students who are entering the program directly from the undergraduate accounting program.

BS/MS Program Structure

For students who decide to apply to the BS/MS program while currently enrolled in the undergraduate accounting program, both the BS and MS degrees are conferred upon successful completion of all requirements of the BS/MS curriculum. Because the BS/MS program is a dual degree program, no single degree conferral is granted.

Additional Pertinent Information

1. **CAREER FIELD EXPERIENCE:** Three (3) credits are required and must be taken in the senior year. Students may complete additional Career Field Experiences for a maximum of 9 credits earned through Career Field Experience. Requirements for participation in Career Field Experiences are: successful completion of CFE97 Career Preparation Seminar (0 credits) **and** a minimum grade point average (GPA) of 2.5 **and** successful achievement of a minimum grade of 'C' in both Intermediate Accounting I and II (ACC311 and ACC312) **and** permission of an Accounting faculty member. Students may petition the Accounting Chair to waive the Career Field Experience requirement if they have comparable, relevant work experience.

2. **MATHEMATICS:** Depending upon mathematics background, a student may be required to complete lower-level math courses before enrollment in the required MTH131. Therefore, students who must take additional math courses are encouraged to begin math studies as early as possible.

Suggested Course Sequence

Access the suggested course sequence for the **BS, Accounting** program from the Accounting/Information Systems Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Science in Accounting/Master of Science in Professional Accountancy

General Education Program

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BS Requirements

1. Major: 69 CREDITS

- ***The following courses require C or better***:
- ACC225 Financial Accounting (3)
- ACC226 Managerial Accounting (3)
- ACC311 Intermediate Accounting I (3)
- ACC312 Intermediate Accounting II (3)
- ACC315 Cost Accounting (3)
- ACC318 Income Tax Theory (3)
- ACC360 Nonprofit Accounting (3)
- ACC415 Advanced Accounting Problems (3)
- ACC420 Auditing (3)
- ACC490 Accounting Theory & Professional Ethics (3)
- BA350 Business Law I (3)
- BA351 Business Law II (3)
- ECO201 Principles of Microeconomics (3)
- ECO202 Principles of Macroeconomics (3)
- FIN325 Corporate Finance (3)
- FIN: 3 credits in a Finance Elective
- MGQ427 Managerial Decision Making (3)
- MGT208 Principles of Management (3)
- MIS280 Computer Studies and Problem Solving (3)
- MIS295 Accounting Information Systems (3)
- MKT209 Principles of Marketing (3)
- MTH104 Survey of Statistics (3)
- CMP101 English Composition (3)

2. Requirements Outside of the Major: 3 CREDITS

- CFE97 Coop Prep Seminar (0)-prerequisite to the Coop Field Experience
- 3 credits: CFE4XX Cooperative Field Experience (See below **Additional Pertinent Information** section for further details.)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - MTH131 Calculus and Mathematics for Business for Social Sciences (3)
        - Choose one course from: Biochemistry, Biology, Chemistry, Computer Science, Environmental Science, Math and Physics (3)
    - Social Science:
        - Choose two courses from: Anthropology, Economics, History, Linguistics, Political Science, Psychology, and Sociology (6) **ECO213 recommended.**
    - Humanities:
        - PHI216 Ethics (3)
        - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3) **ENTR201 recommended.**

4. Free Electives: 15 CREDITS

- 12 credits must be in Liberal Arts and Sciences from the following subjects: Anthropology, Art,

Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish, and Theater. **CA-125, ART-103, ENTR-301, ENTR-401 recommended.**

TOTAL BS PROGRAM REQUIREMENTS = 123 CREDITS

Additional Required Courses For Students Pursuing The BS/MS, Accounting/Professional Accountancy

- ACC618 Advanced Taxation (3)
- ACC620 Advanced Auditing (3)
- ACC630 Global Financial Reporting & Statement Analysis (3)
- ACC650 Directed Research in Accounting (3)
- FIN601 Global Monetary System & Capital Markets (3)
- MGT501 Global Competitive Framework (3)
- MGT502 Ethics for Professionals in a Multicultural World (3)
- MGT503 Comparative Management (3)
- MGT504 Operational & Technological Issues in Global Business (3)
- MKT507 Strategic Planning for the Global Market (3)

TOTAL BS/MS PROGRAM REQUIREMENTS = 153 CREDITS

Transfer Policy

A student transferring from a two-year college or from a four year school with a non-registered Accounting program may be limited to transfering the following accounting courses provided they have been assessed as meeting Daemen's stated levels of competence for comparable work: ACC225; ACC226; ACC315. A transfer student who originally enters another major at Daemen and transfers into the Accounting program will need to undergo a re-evaluation of any transfer of accounting courses to meet the above requirements.

Graduation Requirements

1. Minimum grades of C must be achieved in the following: ACC225; ACC226; ACC311; ACC312; ACC315; ACC318; ACC415; ACC360; ACC420; ACC490; BA350; BA351;CMP101; ECO201; ECO202; FIN325; 3-credit Finance elective; MGQ427; MGT208; MIS280; MIS290; MKT209. Students will be allowed to retake the previous courses only once to earn the required minimum grade of C.
2. **BS/MS:** Overall grade point averages (GPA) of 3.00 in **both** the undergraduate and the graduate portions of the program.

Pursuit Of The BS/MS, Accounting/Professional Accountancy

For those students applying to the BS/MS program, an overall grade point average (GPA) of 3.00 is required. Students with a GPA of less than 3.0 who wish to pursue the BS/MS program should consult with the Accounting Program Chair regarding conditional acceptance. Students who are conditionally accepted will be allowed to take 3 of the required graduate courses while still being a major in the BS, Accounting program. If minimum grades of B are achieved in each of the 3 graduate courses, the student will file the Change of Major form with the Registrars office and will be accepted as a matriculating student in the BS/MS program.

Students who wish to pursue the dual-degree BS/MS Accounting/Professional Accountancy program will begin studies as a major in the BS, Accounting program and must formally apply for a change to the dual degree program by completing a Change of Major form with the Registrars office. This change will generally occur upon completion of the Sophomore year.

BS/MS Program Structure

The BS/MS program is a dual degree program. No single degree conferral is granted. Both the BS and MS degrees are conferred upon successful completion of all requirements of the BS/MS curriculum.

Additional Pertinent Information

1. **CAREER FIELD EXPERIENCE (CFE):** Three (3) credits are required and must be taken in the Senior year of the undergraduate portion of the academic program. Students may complete additional career field experiences for a maximum of 9 credits earned through CFE. Requirements for participation in CFE are: successful completion of CFE97 Coop Prep Seminar (0 credits); **and** a minimum grade point average (GPA) of 2.5 **and** successful completion of Intermediate Accounting I & II (ACC311 & ACC312) with a minimum 'C' grade, **and** permission of an Accounting faculty member. Students may petition the Accounting Chair to waive the CFE requirement if they have comparable, relevant work experience.
2. **MATHEMATICS:** Depending upon math background, a student may be required to complete lower-level math courses before enrollment in the required MTH131. Therefore, students who must take additional math courses are encouraged to begin math studies as early as possible.

Suggested Course Sequence

Access the ***suggested*** course sequence for the **BS/MS, Accounting/Professional Accountancy** program from the Program Plans option available on the Accounting/Information Systems department and the Registrar's web pages.

Accounting Minor

(OPEN TO ALL STUDENTS)

Note: 12 credits must be completed at Daemen University.

Requirements (18 credits)

Students may earn a minor in Accounting by completing the following courses with a minimum ‘C’ grade:

- ACC225 Financial Accounting (3)
- ACC226 Managerial Accounting (3)
- ACC311 Intermediate Accounting I (3)
- ACC312 Intermediate Accounting II (3)
- ACC315 Cost Accounting (3)
- 3 credits in an Accounting elective

Accounting Certificate

CERTIFICATE REQUIREMENTS = 30

CONSUMER INFORMATION ON DAEMEN WEBSITE: ACCOUNTING CERTIFICATE OFFERING ON THE MAIN CAMPUS

CONSUMER INFORMATION ON DAEMEN WEBSITE: ACCOUNTING CERTIFICATE OFFERED OFF-SITE IN BROOKLYN, NY

Required Courses

- ACC225 Financial Accounting (3)
- ACC226 Managerial Accounting (3)
- ACC311 Intermediate Accounting I (3)
- ACC312 Intermediate Accounting II (3)
- ACC315 Cost Accounting (3)
- ACC318 Income Tax Theory (3)
- ACC415 Advanced Accounting Problems (3)
- ACC420 Auditing (3)
- FIN325 Corporate Finance (3)
- Accounting/Information Systems/Business Administration Elective: 3 credits TOTAL

Requirements for Completion of the Certificate Program

- **A minimum of 18 credits must be completed at Daemen**.
- A minimum grade of C earned in all courses, thereby resulting in a minimum cumulative GPA of 2.00.
- Filing of an **Application for Certificate** form with the Registrar's Office in the first week of the final term (Fall, Spring, or Summer) prior to program completion. Forms are available upon request from the Accounting Program Office. **NOTE: Participation in the Commencement ceremony is not applicable to certificate candidates.**
- Certain courses are taken in sequence, therefore, the certificate program will require more then one year to complete.

Accounting

ACC 225: Financial Accounting

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Fundamentals of financial accounting including assets, liabilities, equity, revenue, expenses will be covered as well as financial reporting and accounting theory. The accounting cycle with emphasis on transaction analysis, accruals, annual closing, and creation of financial statements for service, merchandising, and manufacturing operations will be studied. Problems supplement the theory, principles and management applications. Accounting majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade . Pre-req: MTH 124 or equivalent. (UG)

ACC 226: Managerial Accounting

3 Credit Hour(s)

A continuation of ACC 225 with emphasis on the expansion and advanced application of the accounting model to corporations. In addition, there is an introduction to the use of accounting information and financial analysis in management decision-making settings. Problems supplement the theory, principles, and management application. Accounting majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade . Prerequisite: ACC 225 minimum grade of C or better required. (UG)

ACC 311: Intermediate Accounting I

3 Credit Hour(s)

Study of generally accepted accounting principles, emphasizing financial statement presentation and an in-depth study of accounting for current and long-term assets as well as related revenues, expenses, reserves, and allowances. Accounting majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade . Prerequisite: ACC 226. (UG)

ACC 312: Intermediate Accounting II

3 Credit Hour(s)

A continuation of ACC 311, focusing on liabilities, stockholder's equity, earnings per share, derivatives, and analytical procedures. Theoretical discussion of generally accepted accounting principles. Accounting majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade . Prerequisite: ACC 311. (UG)

ACC 315: Cost Accounting

3 Credit Hour(s)

Analysis of costs and their use in the managerial functions of an enterprise. Topics include principles of cost accounting for inventory valuation and income determination, standard costs and budgets. Accounting majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade. Prerequisite: ACC 226. (UG)

ACC 318: Income Tax Theory

3 Credit Hour(s)

This course focuses on the responsibilities and skills required of professional accountants in the preparation of tax returns for individuals and provides primary content for the professional accounting component of the degree program. Coursework also addresses ethics, finance, economics, computer information systems, and the legal environment of business. Accounting majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade . Prerequisite: ACC 226. (UG)

ACC 360: Nonprofit Accounting

3 Credit Hour(s)

Nonprofit accounting involves the study of specialized accounting principles used by a wide range of organizations including hospitals, governmental units such as school districts and agencies, cultural and charitable organizations, colleges and universities, as well as other non-profits. (UG)

ACC 415: Advanced Accounting Problems

3 Credit Hour(s)

Advanced approach to generally accepted accounting principles applied to business activities. Problem-solving techniques and discussions of opinions of the Financial Accounting Standards Board as they relate to advanced topics such as mergers, acquisitions, minority interests, intercompany transactions, consolidated financial reporting, and other topical matters. Accounting majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade . Prerequisites: ACC 312. (UG)

ACC 420: Auditing

3 Credit Hour(s)

This course focuses on the responsibilities of professional accountants and related audit objectives and methologies in the conduct of independent audits and provides primary content (Generally Accepted Auditing Standards (GAAS) and Public Company Accounting Oversight Board (PCAOB)) for the professional accounting component of the degree program. Coursework also addresses ethics, finance, business statistics in auditing, economics, computer information systems, and the legal environment of business. Accounting majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade. Prerequisite: ACC 312. (UG)

ACC 490: Accounting Theory and Professional Ethics

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Fulfills Research and Presentation requirement. Writing Intensive. This is the capstone course for the Accounting curriculum. This course integrates the practical applications and theoretical concepts covered in previous accounting courses with ethical issues facing the profession. Class discussions, textbook reading, outside reading, projects, case studies, and other educational experiences will be used to explore this complex area of study. This class provides a fundamental study and critical evaluation of 'business ethics' in light of recent developments in the accounting profession. Professional, analytical writing constitutes a major element of this course. Accounting majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade. Prerequisites: ACC 312. (UG)

ACC 500: Strategic Profitability & Analysis

3 Credit Hour(s)

Cross listed with MBA 500. Financial and operational company data will be collected and incorporated into a strategic profitability analysis built around case scenarios to illustrate the role of financial and managerial accounting information in management decision making. Each analysis will decompose changes in a firm's operating income into components related to growth, price, recovery, and productivity. Specifically, using a Balanced Scorecard Approach, the financial, customer, internal business process, learning and growth, and environmental and social aspects will be evaluated in terms of their strategic alignment. Relevant analytical tools, software applications, and managerial techniques will be utilized for customer profitability analysis, inventory management, activity-based costing, workflow analysis, decision making, pricing, planning, and control. (GR)

ACC 501: Accounting Data Analytical Tools

3 Credit Hour(s)

This course will provide the necessary background and instruction for accountants to develop data analytic skills to address the needs of the profession. Students will learn to identify the business questions that can be addressed with data, extract the data, test the data, refine, then communicate the findings to management in order to make key financial and accounting-related decisions. (GR)

ACC 618: Advanced Taxation

3 Credit Hour(s)

This course focuses on the basic principles of federal income taxation of corporations, partnerships, trusts, gifts, and estates. It reinforces the use of tax research tools, and provides an overview of administrative and procedural aspects of tax practice. Accounting Majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade. Prerequisites: ACC 318. (GR)

ACC 620: Advanced Auditing

3 Credit Hour(s)

An advanced study of auditing standards, principles, theory, and practice. Current trends in auditing and assurance services will be emphasized. The class offers an in-depth examination of advanced audit concepts, auditor legal liability, ethics, audit procedures, statistical sampling, and audit research using electronic databases and the Internet. The class will also be focused on the Information Technology Audit function, the use of technology in audits, and hands-on completion of audit workpapers. Accounting Majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade . Prerequisites: ACC 420 (GR)

ACC 630: Global Financial Reporting and Statement Analysis

3 Credit Hour(s)

This course presents a five step framework for effective financial statement analysis. It begins with an understanding of the industry economic characteristics and current conditions of the firm's businesses and the particular strategies the firm selects to compete in each of these businesses. It then assesses how well the firm's financial statements reflect the economic effects of the firm's decisions and actions. With the use of financial statement ratios and other analytical tools, it assesses the profitability and risk of the firm in the recent past and, by incorporating information about expected changes, forecasts expected profitability and risk. Finally, the analyst values the firm using various valuation tools and models. The framework will be applied to both domestic and international companies. Accounting Majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade. (GR)

ACC 640: Advanced Accounting

3 Credit Hour(s)

This course provides students with an in-depth, contemporary coverage of accounting for consolidations, governmental, not-for-profit entities, and other key advanced topics. The course links theory and practice with constant emphasis on generally accepted accounting principles as applied to business activities. For MBA Accounting program students only. (GR)

ACC 650: Graduate Seminar in Accounting

3 Credit Hour(s)

Graduate Seminar in Accounting Description: Students will explore advanced topics in financial accounting and tax, as well as current issues in the field of accounting and their impact on society and the profession. Students will research topics and present for discussion in a seminar format. In addition, students will prepare a culminating project and presentation on a current issue in accounting. Prerequisite: Graduate status. (GR) (GR)

Finance

FIN 300: Investment Markets

3 Credit Hour(s)

This course will present students with real world exposure to investing in 3 major markets; the stock market; the real estate markets, and the franchise market. Students will learn about wise investment strategies by participating in a stock market simulation, developing a real estate investment plan and identifying a franchise opportunity that aligns with their interest and values. Guest speakers from these industries will enhance the instructor's presentation with real world examples and experiences. (UG)

FIN 325: Corporate Finance

3 Credit Hour(s)

This course focuses on the principles of managing finance in all forms of corporate entities, emphasizing value creation by financial managers. Specific topics include an overview of the financial system, the determinants of firm value, securities' markets and valuation, the value of the firm, and investment decisions. In addition, coursework addresses ethics, accounting, business statistics, economics, computer information systems, and legal environment of business components of the common professional business core. Prerequisite: ACC 226. (UG)

FIN 328: Investments

3 Credit Hour(s)

A study of investment principles, including the determination of objectives and a constructive approach to the attainment of these objectives. Securities markets, real estate, banking and insurance form the nucleus of the course. Prerequisite: ACC 225. (UG)

FIN 409: Money and Banking

3 Credit Hour(s)

Cross-listed as ECO 409. Nature of money, development of the American monetary system, role of the banking system in creating the nation's money supply and structure and functions of the Federal Reserve System as the principal agency for monetary control. Prerequisites: ECO 201 or ECO 202. (UG)

FIN 601: Global Monetary System and Capital Markets

3 Credit Hour(s)

This course is devoted to in-depth discussion and practical application of business finance as practiced in a borderless world. The major topics covered include the international monetary system, the balance of payments, foreign exchange, the management of foreign exchange risk, the role of banks in international finance, and a discussion and analysis of the non-bank financial institutions and international financial markets that represent an inventory of financial resources for the global company. (GR)

Management - Quantitative

MGQ 310: Project Management

3 Credit Hour(s)

This course provides studnets with fundamental techniques and principles related to project management, following the national standards for project management. This course encompasses the study of project management, paying particular attention to the ten knowledge areas: initiation, scope, schedule, cost quality, resources communications, risk, procurement, and stakeholder management as they relate to the five process groups of initiating, planning, exectution, monitoring and controlling, and closing of projects. Examples and student initiated projects and project simulations are utilized to emphasize the integrated relationships. Through the merger of technical skills, general management skills, and project management skills for successful project completion is emphasized. The content of this course includes and extends the body of knowledge elements required for completion of the Certified Associate in Project Management Institute (PMI). For further information, see: https://www.pmi.org. Prerequisites: MGT 208, MGQ 221. (UG)

MGQ 360: Production and Operations Management

3 Credit Hour(s)

An introduction to the design, planning, and control of systems that create goods and services. Topics include Total Quality Management, Just-in-Time, capacity planning, scheduling, facility layout, project management, and inventory management. Prerequisites: MGQ 221. (UG)

MGQ 427: Managerial Decision Making

3 Credit Hour(s)

An introduction to some of the important models and problem-solving techniques used in business decision-making. Topics include Business Analytics, linear programming, and excel solver; transportation, HR, inventory, forecasting, pricing, break-even and financial decision models. Concepts are applied to develop and evaluate alternate solutions to business problems and to support business decisions.Prerequisites: MTH 104 and ACC 226. (UG)

Management Information Systems

MIS 280: Computer Studies and Problem Solving

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This is an intensive introductory computer course for majors in the Accounting and Business programs. Topics include the fundamentals of information processing including computer hardware concepts, operating systems, program management, electronic spreadsheets, and word processing. Emphasis is placed on analysis of business problems using PC software. (UG)

MIS 295: Accounting Information System

3 Credit Hour(s)

Accounting information systems are a subsystem of management information systems that processes financial transactions. It is more about critical thinking and judgment rather than journal entries. Its purpose is to provide internal reporting to managers for use in planning and controlling current and future operations and for non-routine decision making. It also impacts external reporting to outside parties such as to stockholders, creditors, and government agencies. In addition, students will become proficient in the use of advanced EXCEL techniques and become familiar with XBRL and Quickbooks. Prerequisites: ACC 225 and MIS 280. (UG)

Business Administration

Contact Information

phone: (716) 839-8585
daemen.edu/business

Chair

Dr. Tito Rodriguez
(716) 839-8285

Degrees Offered

- **Bachelor of Science in Business Administration**
  - Program Delivery: Courses generally offered in-person with a few options for online courses.
- **Bachelor of Science in Marketing**
  - Program Delivery: Courses generally offered in-person with a few options for online courses.

Specializations

BS Business Administration includes the following Specializations:

- **General Business**
- **Human Resource Management**
- **International Business** ***(currently not accepting new students)***
- **Marketing**
- **Operations and Supply Chain Management**
- **Social Entrepreneurship**
- **Sport Management**

Minors

Open to **ALL** undergraduate students in any Daemen University undergraduate program

- **General Business**
- **E-Commerce/Web Design**
- **Pre-MBA**

Open to **Accounting and Business Administration majors only** or students who have completed the General Business minor

- **Human Resource Management**
- **International Business** ***(currently not accepting new students)***
- **Marketing**
- **Sport Management**
- **Finance and Investing**

Certificate

- **Human Resource Management**

Accreditation Information

Bachelor of Science (B.S.) program in Business Administration is an accredited program. You can find Business accreditation information in our catalog.

Business Administration Mission Statement

The Business Administration program equips an engaged and diverse community of learners with business skills to become ethical and successful leaders in an interconnected business world.

Business Administration Intended Student Learning Outcomes:
The Business Administration program is designed to help students achieve the following student learning objectives. Students will provide evidence of having achieved an understanding of core business concepts by:

1. Students will demonstrate knowledge of the functional areas of Business and their integration.
2. Students will apply quantitative and technology-based tools to effectively support business decisions.
3. Students will integrate ethical concepts to inform business decisions.
4. Students will gather information and conduct research to solve business-related problems.
5. Students will communicate effectively within various business contexts.

Matthews, Bartlett & DeDecker Scholarship

Western New York sophomores, juniors, seniors & transfer students with a 3.0 or higher cumulative GPA are eligible to apply for this scholarship in the spring of each academic year for awards selected for the following academic year.

Bachelor of Science in Marketing

General Education Program

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 69 CREDITS

- ***The following courses require C or better***:
  - ACC225 Financial Accounting (3)
  - ACC226 Managerial Accounting (3)
  - ECO201 Principles of Microeconomics (3)
  - ECO202 Principles of Macroeconomics (3)
  - MGQ360 Production and Operations Management (3)
  - MGQ427 Managerial Decision Making (3)
  - MGT208 Principles of Management (3)
  - MIS280 Computer Studies and Problem Solving (3)
  - MKT209 Principles of Marketing (3)
  - MKT210 Ecommerce (3)
  - MKT303 Sales Strategies (3)
  - MKT310 Foreign Markets of International Business (3)
  - MKT312 Promotional Strategies (3)
  - MKT313 Customer Relations (3)
  - MKT335 Market Research (3)
  - MKT304 Social Media Marketing (3)
  - MKT402 Sport Marketing (3)
  - MKT403 Brand Management & Strategy (3)
  - MKT404 Marketing Analytics (3)
  - MKT405 Marketing Management (3)
  - MKT420 Marketing Plan/Strategy (3)
  - CFE301/302/401/402 Marketing Internship (3)
  - CMP101 Composition I (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH104 Survey of Statistics (3) (Minimum grade of C or better required)
    - Choose one course from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (3)
  - Social Sciences:
    - PSY103 Introduction to Psychological Science (3)
    - Choose one course from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (3)
  - Humanities:
    - PHI216 Ethics (3)
    - ENTR201 The Entrepreneurial Mindset (3)

3. Free Electives: 15 CREDITS

- CA125 Intro to Visual Literacy (3)
- ENTR301 The Entrepreneurial Skill Set (3)
- ENTR401 Entrepreneurship in Action (3)
- 6 credits must be in Liberal Arts and Sciences from the following subjects: Anthropology, Art, Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish, and Theater.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Graduation Requirements

1. Minimum grades of C must be achieved in the following: ACC225; ACC226; BA101; BA201; BA202; BA211; BA303; BA350; BA443; CMP101; ECO201; ECO202; FIN325; MGT208; MGT321, MIS280; MKT209 AND all courses in the specialization.
2. An overall grade point average (GPA) of 2.00.

Suggested Course Sequence

Access the *suggested course sequence* for the **BS, Marketing**, from the Accounting and Business Administration Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Science in Business Administration

General Education Program

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 50 CREDITS

- ***The following courses require C or better****:*
- ACC225 Financial Accounting (3)
- ACC226 Managerial Accounting (3)
- BA101 Introduction to Business Administration (1)
- BA201 Introduction to International Business (3)
- BA211 Effective Business Communications (3)
- BA303 Business Professional and Personal Horizons (1)
- BA350 Business Law I (3)
- BA443 Proseminar (3)
- FIN325 Corporate Finance (3)
- ECO201 Principles of Microeconomics (3)
- ECO202 Principles of Macroeconomics (3)
- MGT208 Principles of Management (3)
- MGT321 Organizational Behavior & Theory (3)
- MIS280 Computer Studies and Problem Solving (3)
- MKT209 Principles of Marketing (3)
- Business Electives: 6 credits
- CMP101 Composition I (3)

2. Specialization: 15 CREDITS

- ***The following courses require C or better****:*

Select one from the following specializations:

- GENERAL BUSINESS
  - 15 credits in business electives or any Paralegal Studies courses (with the exception of PAR-460 Paralegal Senior Project, which is not allowed to count in the General Business specialization) selected with advisor's approval.
- HUMAN RESOURCE MANAGEMENT
  - BA220 Diversity and Cross-Cultural Management (3)
  - MGT302 Labor Relations (3)
  - MGT312 Human Resource Management (3)
  - MGT410 Seminar in Human Resource Management (3)
  - Business Elective (3) – advisor-approved
- INTERNATIONAL BUSINESS ***(currently not accepting new students)***
  - BA201 Introduction to International Business (3)
  - BA220 Diversity and Cross-Cultural Management (3)
  - ECO343 Global Economic Geography (3)
  - MKT210 E-Commerce (3)
  - MKT310 Foreign Markets of International Business (3)
- MARKETING
  - MKT302 Physical Distribution Management (3)
  - **Select either:** MKT310 Foreign Markets of International Business (3) **OR** MKT313 Customer Relations (3) *
  - MKT312 Promotional Strategies (3)
  - MKT335 Market Research (3)
  - MKT420 Marketing Planning & Strategy (3)

- * Another appropriate course may be substituted with the authorization of the Business Administration Chair.

- OPERATIONS AND SUPPLY CHAIN MANAGEMENT
  - ACC 315 Cost Accounting (3)
  - MKT302 Physical Distribution Management (3)
  - MGQ310 Project Management (3)
  - MGQ360 Production and Operations Management (3)*
  - MGQ427 Managerial Decision Making (3)*
  - MGT312 Human Resource Management (3)
  - NOTE: *MGQ360 and MGQ427 Managerial Decision Making (3) should be taken as the Business Math requirement and the opposite course will be taken as the specialization elective. Only three of these credits will fall under the specialization.
- SOCIAL ENTREPRENEURSHIP
  - BA/HPR352 Grant Writing (3)
  - BA/SUST344 Sustainable Business Practices (3)
  - ENTR201 The Entrepreneurial Mindset (3)
  - IND412 Social Entrepreneurship (3)
  - MGT/HPR 311 Non-Profit Management (3)
- SPORT MANAGEMENT
  - BA405 Legal Issues in Sport Management (3)
  - MGT260 Introduction to Sport Management (3)
  - MGT302 Labor Relations (3)
  - MGT312 Human Resource Management (3)
  - MKT402 Sport Marketing (3)
  - **NOTE**: It is strongly recommended that students in the Sport Management specialization complete 3 credits in MGT261 & MGT361 as their practicum I & practicum II as part of their Career Field Experience.

3. Additional Requirements of the Major: 7 CREDITS

- **BA202** Professional Branding and Sustainability (1) ***(requires C or better)***
- **BA340** Internship Facilitation (1)
- **Internship:** 2 credits in an upper- level Career Field Experience is required of all Business Administration majors. Students must possess a minimum grade point average (GPA) of 2.5, and complete **BA202** to enroll in an internship. Students must enroll in BA340 & CFE301 or CFE401 in the same semester. Students may petition the Department Chair to waive the Career Field Experience requirement if they have comparable work experience, but will have to complete another 3 credit hour course as a substitute.
- **Select one**:
  - MGQ360 Production & Operations Management (3)
  - MGQ427 Managerial Decision Making (3)
  - MTH131 Calculus & Mathematics for Business and Social Sciences (3)
    NOTE: If MTH131 is taken, it will count as part of the 45 CORE credits, thereby INCREASING required Free Electives from 9 to 12 credits.

4. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)

- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH104 Survey of Statistics (3) (Minimum grade of C or better required.)
    - Choose one course from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (3)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6) **ECO213 recommended.**
  - Humanities:
    - PHI216 Ethics (3)
    - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3) **ENTR201 recommended.**

5. Free Electives: 12 CREDITS

- 9 credits must be in Liberal Arts and Sciences from the following subjects: Anthropology, Art, Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish, and Theater. **CA125, ART103, ENTR301, ENTR401 recommended.**

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Graduation Requirements

1. Minimum grades of C must be achieved in the following: ACC225; ACC226; BA101; BA201; BA202; BA211; BA303; BA350; BA443; CMP101; ECO201; ECO202; FIN325; MGT208; MGT321, MIS280; MKT209 AND all courses in the specialization.
2. An overall grade point average (GPA) of 2.00.

Suggested Course Sequence

Access the *suggested course sequence* for the **BS, Business Administration**, from the Accounting and Business Administration Department web page or the Program Plans site on the Registrar's web page.

General Business Minor

Open to all students

REQUIREMENTS (15 CREDITS, 12 OF WHICH MUST BE TAKEN AT DAEMEN):

- ACC225 Financial Accounting (3)
- MGT208 Principles of Management (3)
- MIS280 Computer Studies & Problem Solving (3)
- MKT209 Principles of Marketing (3)
- BA350 Business Law I (3)

E-Commerce / Web Design Minor

Open to all students

REQUIREMENTS (15 CREDITS):

CA/IND125 Introduction to Visual Literacy or ART103 Foundation Design 1 (3)

ART320 Graphic Design III (3)

ENTR201 The Entrepreneurial Mindset (3)

MKT210 E-Commerce (3)

MKT312 Promotional Strategies (3)

Pre-MBA Minor

Required Credits: 15

- ACC225 Financial Accounting (3)
- ACC226 Managerial Accounting (3)
- ECO201 Principles of Microeconomics (3)
- FIN325 Corporate Finance (3)
- MTH104 Survey of Statistics (3)

Human Resource Management Minor

Limited to students majoring in a program sponsored by the Accounting and Business Administration Department or to any students who have completed the General Business minor

REQUIREMENTS: (12 CREDITS, ALL OF WHICH MUST BE COMPLETED AT DAEMEN COLLEGE)

- MGT302 Labor Relations (3)
- MGT312 Human Resource Management (3)
- BA220 Diversity and Cross-cultural Management (3)
- Psychology, Sociology or Health Promotions advisor- approved elective (3)

International Business Minor (currently not accepting new students)

Limited to students majoring in a program sponsored by the Accounting and Business Administration Department or to any students who have completed the General Business minor.

REQUIREMENTS: (12 CREDITS, 6 OF WHICH MUST BE COMPLETED AT DAEMEN):

- BA201 Introduction to International Business (3)
- BA220 Diversity and Cross Cultural Management (3)
- ECO333 International Economics (3) **Or** ECO343 Global Economic Geography (3)
- MKT210 E-Commerce (3)

Marketing Minor

Limited to students majoring in a program sponsored by the Accounting and Business Administration Department or to any students who have completed the General Business minor

REQUIREMENTS: (12 CREDITS, 6 OF WHICH MUST BE COMPLETED AT DAEMEN COLLEGE)

- MKT310 Foreign Markets of International Business (3)
- MKT312 Promotional Strategies (3)
- MKT302 Physical Distribution Management (3)

SELECT 3 CREDITS IN A MARKETING ELECTIVE WITH THE APPROVAL OF THE BUSINESS ADMINISTRATION CHAIR.

RECOMMENDED ELECTIVES:

- HSM295 Health Systems Marketing (3)
- MKT335 Market Research (3)
- MKT402 Sport Marketing (3)
- MKT420 Marketing Planning and Strategy (3)

Sport Management Minor

Limited to students majoring in a program sponsored by the Accounting and Business Administration Department or to any students who have completed the General Business minor

REQUIREMENTS: (12 CREDITS, 6 OF WHICH MUST BE COMPLETED AT DAEMEN UNIVERSITY)

- BA405 Legal Issues in Sport Management (3)
- MGT260 Introduction to Sport Management (3)
- MKT402 Sport Marketing (3)
- 3 credits in Sport Management studies selected with the approval of the Business Administration Chair. **Recommended course options:**
  - BA351 Business Law II (3)
  - MGT302 Labor Relations (3)
  - MGT312 Human Resource Management (3)

Finance and Investing

Limited to students majoring in a program sponsored by the Accounting and Business Administration Department or to any students who have completed the General Business minor

REQUIREMENTS: (12 CREDITS, 6 OF WHICH MUST BE COMPLETED AT DAEMEN UNIVERSITY)

- FIN325 Corporate Finance (3)
- FIN328 Investments (3)
- FIN409 Money and Banking (3)
- FIN300 Investment Markets (3)

Human Resource Management Certificate

Consumer Information is available on the Daemen website.

Required Courses

- BA211 Effective Business Communications (3)
- BA220 Diversity and Cross-Cultural Management (3)
- BA350 Business Law 1 (3)
- MGT208 Principles of Management (3)
- MGT302 Labor Relations (3)
- MGT306 International Management (3)
- MGT312 Human Resource Management (3)
- MGT321 Organizational Behavior and Theory (3)
- MGT410 Seminar in Human Resource Management (3)
- MIS280 Computer Studies and Problem Solving (3)
- Human Resource related Elective (3)*

* An advisor approved HR related course; acceptable electives include PR322 and PSY210.

TOTAL CERTIFICATE REQUIREMENTS = 33 CREDITS

Requirements For Completion Of The Certificate Program:

- A minimum of 18 credits must be completed at Daemen.
- A minimum grade of C earned in all courses, thereby resulting in a minimum cumulative GPA of 2.00.
- Filing of an **Application for Certificate** form with the Registrar's Office in the first week of the final term (Fall, Spring, or Summer) prior to program completion. Forms are available upon request from the Business Administration Program Office. **NOTE: Participation in the Commencement ceremony is not applicable to certificate candidates.**

Business Administration

BA 101: Introduction to Business Administration

1 Credit Hour(s)

This course is designed as an introduction to business for first year business students, transfer students or other students considering a business major. Students will be introduced to the field of business which will include an overview of the functional specialization areas, industries within which business professionals are employed and the related career opportunities, industries and organization cultures by completing a number of relevant personality and interest assessments. Additionally, students will be introduced to faculty, coursework, learning modalities, and professional expectations and standards with the Business Administration department. (UG)

BA 201: Introduction to International Business

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. The course introduces students to key factors relevant to international management on both organizational and socioeconomic levels. Macroeconomic influences such as international politics, economics, culture, and foreign competition are described and analyzed to highlight their importance for globally operating organizations. (UG)

BA 202: Professional Branding and Sustainability

1 Credit Hour(s)

This course will immerse students in the professional branding and sustainability process that is becoming even more important as people are required to re-purpose their careers due to global and technological changes in the workforce. Through reading, online research and one-on-one consultation, students will be exposed to the professional skills necessary to develop and sustain a career that may include multiple positions, fields, companies and industries over decades of employment. The initial context for this course will be the student internship, then will project to future job placement and long term career transitions. The course is limited to Business, Accounting and Paralegal students. For Sophomores through Seniors, but preferably taken during second semester Sophomore year or first semester Junior year, the semester before internship. There will be individual meeting times scheduled with professor. (UG)

BA 211: Effective Business Communications

3 Credit Hour(s)

Writing Intensive. The ability to communicate effectively is ranked as one of the most important skills needed by employers. It has also been shown to have a high direct correlation with income. This course is a study of the analysis and practical application of effective communication in the business environment. The course will develop and reinforce written, oral and interpersonal communications skills necessary in a diverse and technological culture. Prerequisites: C or better in CMP 101. (UG)

BA 220: Diversity and Cross-Cultural Management

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. This course focuses on how cultural backgrounds affect a person's behavior during cross cultural communications. The student learns to identify how culture plays a role in the dynamics of a workplace, either domestic or foreign, as well as in other situations. Through readings, videos and class application activities the student learn how to effectively interact people of diverse cultural backgrounds. (UG)

BA 303: Business Professional and Personal Horizons

1 Credit Hour(s)

This course is designed as the complement to BA 101 and BA 202 for Business Administration seniors to assist in their transition to the world beyond the undergraduate college setting. Students will be encouraged to reflect on their past personal, academic and professional growth while a student. The focus will then shift to planning for life beyond the undergraduate academic environment. Many decisions must be made relative to long term career planning, job search and graduate study. Resume writing, identifying references, the graduate school application process, GREs GMATs and LSATs, professional certifications and future financial planning are topics to be covered to assist with this process. Work-life balance issues will also be presented to help students thoughtfully consider the choices and trade-offs working professionals must make. (UG)

BA 304: Contract Law

3 Credit Hour(s)

Cross-listed as PAR 304. This course provides an introduction to the law of contracts, including analysis of the basic elements of contract formation, defenses to contract performance, breach of contract and remedies, drafting and interpretation of contracts. Students will develop their legal analysis and legal writing skills through practical projects typically required in law offices. Writing projects will require legal research. Ethics will be discussed throughout the semester relating to specific legal scenarios. Prerequisites: PAR 201 or permission of instructor. (UG)

BA 305: Real Property Law

3 Credit Hour(s)

Cross-listed as PAR 305. This course is an introduction to real estate law and practice. Students will be required to not only learn the basic law but to problem-solve and draft documents that are typical to legal practice in this area, and will develop their legal analysis and legal writing skills. The course covers New York Real Estate statutes and the areas of law include property rights, types of land ownership/estates, easements, agreements for sale and closings, financing, conveyancing. Students will do a real estate closing as their final project. Ethics will be discussed throughout the semester relating to specific scenarios in legal work. Prerequisites: PAR 210 or permission of instructor. (UG)

BA 314: Health Policy

3 Credit Hour(s)

Cross-listed as HPR 314. This course examines the policies of the current U.S. healthcare delivery system. The history and evolution of the U.S. health care infrastructure and recent policy changes The former and current service delivery structure will be outlined, as well as advancements, and gaps/limitations in the provisions and delivery of care. The types of health care facilities, services, agencies and personnel that constitute the US health care system and the response of the system to the changing health care needs of the population will be explored. Class discussions will be centered on: managing the increasing demands on the health care system by a rapidly growing population affected by the epidemic of multiple chronic diseases; balancing population-based health care needs while delivering high quality health care and improving access to health care services in a cost-containment environment. Social, political, economic, legal and ethical issues as they relate to health care policy will be discussed. (UG)

BA 340: Internship Facilitation

1 Credit Hour(s)

This course provides students with department faculty facilitation and support throughout their required internship. Students will meet face-to face with the instructor at the beginning of the internship in order to discuss the department internship project, expected professional behavior and overall internship goals and requirements. There will be weekly online communication throughout the internship using Blackboard to monitor progress, learning or possible issues or challenges faced at the internship worksite. At the end of the internship, there will be a second face-to-face debriefing meeting between instructor and students to discuss final project and conduct an internship learning and satisfaction exit survey. Corequisite:CFE-301 or CFE-401; (UG)

BA 344: Sustainable Business Practices

3 Credit Hour(s)

Fulfills core competency: Contextual Integration; Moral and Ethical Discernment. Cross-listed as SUST 344 and IND 344. This course will introduce the concepts of sustainable business practices and corporate social responsibility. Sustainable business is a paradigm shift from a management style of maximizing profit at any cost. Sustainable business aims to restore and maintain environmental quality and develop social equity, while pursuing long term profitability. (Sponsored by the BA Global and Local Sustainability program.) Prerequisites: Sophomore status or permission of instructor. (UG)

BA 350: Business Law I

3 Credit Hour(s)

An introduction to the American legal system. Exploration of the law of personal and real property, contracts and the law of sales under the Uniform Commercial Code. Prerequisites: Junior status. (UG)

BA 351: Business Law II

3 Credit Hour(s)

Emphasis will be placed on negotiable instruments, business organizations, agency and employment, and secured interests. Prerequisite: BA 350. (UG)

BA 352: Grant Writing

3 Credit Hour(s)

Fulfills core competency: Communication Skills, Writing Intensive. Cross listed with HPR 352. This course provides an overview of the role of grants and contracts in an organization's budget. Students will learn to plan grant projects, locate sources of funding, give effective presentations about their projects, and develop written grant proposals. (UG)

BA 403: Business and Corporate Law

3 Credit Hour(s)

Cross-listed as PAR 403. This course is an introduction to the law of corporations and requires students to problem-solve and analyze the different types of corporate forms found in legal practice. Students will learn New York corporate law including statutes covering the formation, operation, and dissolution of various kinds of business organizations. The areas of law include sole proprietorships, corporations, partnerships, the law of agency and employment agreements. Students will develop their legal analysis and legal writing skills. Ethics will be discussed throughout the semester relating to specific scenarios in legal work. Prerequisites: PAR 210 or permission of instructor. (UG)

BA 405: Legal Issues in Sport Management

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving.This course provides an understanding of the law as it applies to professional and amateur sport organizations, including analysis of contract law, administrative law, antitrust law, labor law, and tort liability. Prerequisites: BA 350 for business students, Junior status for all other students. (UG)

BA 406: Bankruptcy Law

3 Credit Hour(s)

Cross-listed as PAR 406. This course is an introduction to the law of bankruptcy and requires students to apply the bankruptcy statutes to a variety of factual situations. Students will learn the federal bankruptcy statutes, and topics include voluntary and involuntary liquidations, discharge of debts, exemptions, creditor claims, trustee functions, reorganizations, and Chapters 7, 11, 12 and 13 plans. Students will develop their legal analysis and writing skills. Ethics will be discussed throughout the semester relating to specific scenarios in legal work. This is a legal specialty course. Prerequisites: PAR 210 or permission of instructor. (UG) (UG)

BA 443: Proseminar

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Fulfills Research and Presentation requirement; Writing Intensive. This course includes an introduction to scholarly research, exploration of corporate action and strategic initiatives and analysis of corporate financial information through an ethics and social responsibility integrated project and strategic business plan proposal. Current literature on various business ethics topics is also examined. The course will develop written and oral research presentation skills. Business majors must earn a minimum of a C grade. If they do not earn the required final grade, they will be allowed to repeat the course only once to earn the minimum grade. Pre-req FIN 325 and Senior Status (UG)

Economics

ECO 201: Principles of Microeconomics

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Introduction to fundamentals of supply and demand, elasticity, equilibrium and economic behavior under pure competition and monopoly. (UG)

ECO 202: Principles of Macroeconomics

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. A look at inflation and unemployment, the Keynesian Model, the determination of output and employment and fiscal policy within the context of the Keynesian Model. (UG)

ECO 213: Economics of Inequality

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course covers the full spectrum of the distribution of income from the disadvantaged to the advantaged. It discusses various ways to measure inequality and the distribution of income. It also investigates the theoretical explanations of the causes of inequality, and presents some techniques that may be used to overcome inequality. (UG)

ECO 343: Global Economic Geography

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. An examination of the basic principles which determine the location of economic activities. Consideration of the impact of contemporary changes in resources and populations on the international economic order. Prerequisites: ECO 201 or ECO 202. (UG)

ECO 409: Money and Banking

3 Credit Hour(s)

Cross-listed as FIN 409. Nature of money, development of the American monetary system, role of the banking system in creating the nation's money supply and structure and functions of the Federal Reserve System as the principal agency for monetary control. Prerequisites: ECO 201 or ECO 202. Offered As Needed. (UG)

Management

MGT 101: Intercollegiate Athletics Experience

1 Credit Hour(s)

This courses is offered in a seminar-style format for first year student-athletes to aid with the adjustment to college while helping these students develop a better understanding of intercollegiate athletics and the role of athletics staff at Daemen University. This course focuses on a variety of topics that will impact the student-athlete during their studies at Daemen College including scheduling, travel and representing the University on Campus and the Western New York Community. (UG)

MGT 208: Principles of Management

3 Credit Hour(s)

This course is designed to introduce students to the major principles, theories and issues pertaining to the management of organizations, including organizational behavior and human resource management. It will provide a basic foundation for future studies in management. Major topic areas will include the role and scope of management, decision-making, planning, organizing, leading and controlling. (UG)

MGT 219: Introduction to Health Systems Management

3 Credit Hour(s)

Cross-listed with HPR 219. An introduction to the structure and function of the health care delivery system. Includes basic concepts and measures of health, disease, quality, values, needs, and utilization; issues in health care workforce, institution, and system organization; general issues in policy, reimbursement, and regulation; and broad community and organizational considerations in health. (UG)

MGT 260: Introduction to Sport Management

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. A comprehensive introduction to the field of sport management which covers sport management specializations, required skills, and career opportunities. (UG)

MGT 261: Sport Management Practicum I

1 Credit Hour(s)

A directed work experience practicum in a sport industry setting. The course will allow students to develop knowledge, values and beginning practice skills appropriate for entry-level positions through industry work experience guided by Daemen faculty. Prerequisite: Sophmore status and Business Administration Sport Management majors only. (UG)

MGT 302: Labor Relations

3 Credit Hour(s)

This course will provide a comprehensive overview of the general nature of the labor-management relationship as it currently exists in the U.S. today. A historical and legal background will be provided as well as a review of labor contract contents and administration. A number of real-life arbitration cases will be reviewed to enhance understanding of course concepts. Prerequisites: JUNIOR STATUS (UG)

MGT 306: International Management

3 Credit Hour(s)

This course delineates the key frames of reference for understanding global human resource management by discussing various functional human resource management (HRM) areas and their implementation in the global arena, and by focusing on a number of countries and the HRM processes and cultural issues typical of their foreign affiliates. Prerequisites:MGT 208 & Junior Status (UG)

MGT 311: Non Profit Management

3 Credit Hour(s)

Cross listed as HPR 311. This course will explore the fundamentals of founding and leading a nonprofit organization. Learners will gain critical knowledge about the nonprofit sector, board leadership, fundraising, volunteer management, donor cultivation, and marketing. Nonprofit Management will help students understand the operations management, finances and development, laying a foundation for success in a variety of roles within a nonprofit organization. (UG)

MGT 312: Human Resource Management

3 Credit Hour(s)

This course will provide an understanding of the policies and practices of human resource management. Specific emphasis will be on recruitment, selection, training, appraisal and compensation of personnel. Considerable attention will be given to the issue of equal employment opportunity and other areas of legislation that affect this field. Prerequisites: MGT 208 & Junior Status (UG)

MGT 321: Organizational Behavior and Theory

3 Credit Hour(s)

An in depth examination of theories and practices relating to human behavior in organizations. Three levels of behavior will be examined; individual, group and organizational. Some topics included are employee personality, attitudes, job satisfaction, motivation, leadership, power, group processes and organizational culture. Prerequisites:MGT 208 and Junior status. (UG)

MGT 361: Sport Practicum II

1-6 Credit Hour(s)

This course will facilitate knowledge and value development for sport management students while practicing skills appropriate for entry-level positions in the sport industry. This is achieved through work experiences guided by Daemen faculty and staff and also by various sport industry personnel. Prerequisite: MGT 261 or permission of instructor. (UG)

MGT 410: Seminar in Human Resource Management

3 Credit Hour(s)

Fulfills Core Competency: Information Literacy. This is the final course in the HR Management sequence. It reviews and integrates previously covered theoretical concepts and applications within the context of HR ethics, current issues and events. Students will be required to read articles within the HR field and reflect on the state of current HR practice. In addition, students will be provided exposure to significant HR legal and administrative practices in order to prepare them for working as a professional in the field of HR. Students will also complete HR related case studies, conduct an organizational HR ethics audit, and develop and present one or more HR related training classes for a group of their peers. Prerequisite: MGT 302, MGT 306, MGT 312 and Senior Status. (UG)

MGT 501: The Global Competitive Framework

3 Credit Hour(s)

Success in the global marketplace depends first upon understanding international economic and business developments, and then applying this knowledge to the process of gaining a global competitive advantage. This course examines the evolving competitive characteristics of the global economy, including the new World Trade Organization (WTO) rules, technological development, the globalization of business activities, the advent of specific regional trading blocs, the rise of newly industrializing nations as major competitors in selected industries, and the various ways industries develop and sustain international competitiveness. Students examine these issues by exploring the effects on business decision making of key economic and business concerns in the United States, the European Union, the Centrally Planned Economies, and Japan and the Pacific Basin region (including China). (GR)

MGT 502: Ethics for Professionals in a Multicultural World

3 Credit Hour(s)

As business becomes increasingly internationalized and a global economy further develops, ethical issues that affect business in the international arena have also become of increasing importance. This course specifically addresses the following moral and ethical issues: employment practices and policies, consumer protection, environmental protection, political payments and involvement, and basic human rights and fundamental freedoms. Special emphasis on ethical requirements will be the focus for accounting students. Case study analysis, videos and guest speakers will provide the student with an increased understanding and sensitivity to these issues. (GR)

MGT 503: Comparative Management

3 Credit Hour(s)

This course serves as an introduction to the field of international organizational behavior and management. It presents the material from a global rather than from a North American or Western European perspective. It views culture not only as important for understanding other societies and managing organizations, but as a major cause of much behavior in organizations, specifically addressing how technology, strategy, size and goals of an organization relate to culture. Finally, it attempts to improve a student's interpersonal behavior concerning the cultural variations found in international organizations. (GR)

MGT 504: Operational and Technology Issues in Global Business

3 Credit Hour(s)

This course instructs students on how manufacturing and service operations can support a global strategy. Course topics will include supply chain network design and management from incoming raw materials to final product delivery. Capacity planning, inventory, outsourcing, information technology, sustainability, risk management and recent trends will be discussed. (GR)

MGT 650: Directed Research

3 Credit Hour(s)

This course is the last course taken by the student in the MS - International Business program. All other course work must be complete. The student will be assigned a faculty mentor by the director of the program based upon the specific area of study the student wishes to undertake. In close consultation with the faculty mentor, the student will develop a thesis in the form of a case study, a management consulting report, or a theoretical research study. The work generated in this course needs to be approved by graduate program faculty at various stages. The student will be provided more detail on this process by the faculty mentor. (GR)

Marketing

MKT 209: Principles of Marketing

3 Credit Hour(s)

This course introduces students to the fundamental principles of marketing. Focus areas include market and product planning, selection of target markets, market segmentation, competitive influences, and the marketing mix. (UG)

MKT 210: E-Commerce

3 Credit Hour(s)

The internet is a dynamic marketplace. This class focuses on the theoretical understanding of the internet-based marketplace necessary to adapt to its many changes, while also equipping students with the skills needed to perform vital daily functions in an e-commerce environment. Students will be able to work independently or with a company to create, implement, maintain and administer an online presence and improve their use of the internet for commerce. Topics covered include: search engine optimization, search engine marketing, online advertising, web analytics, email marketing, social media marketing, reputation management and ethics. (UG)

MKT 302: Physical Distribution Management

3 Credit Hour(s)

Logistical considerations of plant, warehouse and store location, inventory control, warehousing and transportation planning. Channels of distribution from an institutional-behavioral viewpoint. Design, management and evaluation of the distribution system. Prerequisites: MKT 209 and Junior Status. (UG)

MKT 304: Social Media Marketing

3 Credit Hour(s)

This course introduces students to the principles and strategies of social media marketing. Students will explore the role of social media platforms in modern marketing practices, learn to design and implement effective campaigns, and analyze their impact using key performance metrics. Topics include audience segmentation, content creation, platform-specific strategies, influencer marketing, paid advertising, and the ethical considerations of social media. The course emphasizes practical, hands-on experience through real-world case studies, projects, and simulations, preparing students for careers in the dynamic field of digital marketing. Prerequisites: MKT 209, MKT 210 and Junior Status. (UG)

MKT 310: Foreign Markets of International Business

3 Credit Hour(s)

This course applies marketing concepts and practices in an international business setting. Special attention is given to the management of marketing functions and networks that span national boundaries. Key international business marketing decisions are studied. Prerequisites: MKT 209 and Junior Status. (UG)

MKT 312: Promotional Strategies

3 Credit Hour(s)

This course is a study of the functions, theory, principles and applications of the many parts of the promotion variable. Topics include: advertising, personal selling, publicity, public relations and direct marketing. Emphasis is placed on the decision-making aspects of promotional strategy. Prerequisites: MKT 209 and Junior Status. (UG)

MKT 313: Customer Relations

3 Credit Hour(s)

This course will introduce the students to the skills required to uncover consumer needs, the methods of establishing and building trust, and effective techniques for constructive resolution of consumer complaints. Special emphasis is placed on understanding consumer behavior and motives. Prerequisites:, MKT 209, MGQ 221 and Junior Status. (UG)

MKT 335: Market Research

3 Credit Hour(s)

The course covers the essential methods, techniques, and analysis approaches used in contemporary market research. Study areas include the marketing research process, designing qualitative and quantitative studies, sampling and testing, as well as data analysis and reporting. Prerequisites: MKT 209, MGQ 221 and Junior status. (UG)

MKT 402: Sport Marketing

3 Credit Hour(s)

This course applies traditional marketing theory to the business of sport. It covers product marketing of products such as professional and amateur teams as well as recreational and sport club services. Innovative and traditional approaches to promotion and public relations in the sport industry are studied. Prerequisites: MKT 209 and Junior Status. (UG)

MKT 403: Brand Management and Strategy

3 Credit Hour(s)

This course explores the principles and practices of building, managing, and sustaining strong brands. Students will examine how brands create value for organizations and customers, as well as the strategies required to establish a competitive brand position in the marketplace. Topics include brand identity and equity, positioning, brand architecture, extensions, and strategies for maintaining brand relevance in dynamic environments. The course uses case studies, projects, and practical exercises to provide students with hands-on experience in brand development and management Prerequistes: MKT 209, MKT 312, and Junior Status. (UG)

MKT 404: Marketing Analytics

3 Credit Hour(s)

This course provides students with the tools and techniques needed to analyze marketing data and make data-driven decisions. Students will learn to collect, interpret, and apply data to optimize marketing strategies and measure the success of campaigns. Topics include customer segmentation, predictive modeling, A/B testing, data visualization, and the use of analytics platforms such as Google Analytics, Tableau, and Excel. The course combines theoretical knowledge with practical, hands-on exercises and case studies to equip students with the skills required in the data-driven marketing industry. Prerequistes: MTH 104, MKT 209, MKT 335 and Junior status. (UG)

MKT 405: Marketing Management

3 Credit Hour(s)

This course examines the principles and practices of marketing management, emphasizing the development and implementation of marketing strategies in a dynamic business environment. Students will explore key marketing concepts, including market research, consumer behavior, product development, pricing strategies, distribution channels, and promotional tactics. Through case studies, group projects, and simulations, students will learn to craft and manage marketing plans that align with organizational goals and adapt to market changes. Prerequisites: MGT 208, MKT 209 and Junior status. (UG)

MKT 420: Marketing Planning and Strategy

3 Credit Hour(s)

This is thecapstone course for the Marketing specialization. Students will focus on the analysis and application of previously studied marketing principles and techniques critical to an organization's strategic marketing strength. Special emphasis is placed on developing strategic thinking capabilities in areas of innovation, long-term competitiveness, customer satisfaction, and profitability. Senior status. Prerequisite: MKT 209, MKT 302, MKT 312 or MKT 313, and MKT 335. Permission of instructor is required. (UG)

MKT 507: Strategic Planning for the International Market

3 Credit Hour(s)

This course lays out the competitive orientation and strategies for initial entry, market expansion, and integration of international marketing operations. The course reviews current market opportunities and competitive conditions at the global, regional, and national levels. The student learns how to successfully participate in both emerging markets and regional economic blocs such as APEC, ASEAN, EU, EFTA, NAFTA, MERCOSUR. Participants use case study analysis to develop their skills in analyzing and formulating international marketing initiatives. (GR)

MKT 615: Consumer Behavior

3 Credit Hour(s)

How and why do consumers behave as they do? How can consumer decision making be understood when there are so many variables to consider? This course answers these questions by providing students with the fundamental theories underpinning consumer behavior and understanding of how consumer behavior concepts can be applied to marketing management, to our roles as consumers, and to everyday life. Additionally, concepts, theories and principle from the social sciences will be employed to extend understanding of how consumers acquire and consumer goods, services, and ideas. Students will learn how and why consumers behave by examining how they use products to define themselves and how that self-concept affects their attention to and perception of products, their motivations to purchase, their awareness of and attitudes towards brands, products, and advertising, their choices of products, and their levels of customer satisfaction and brand loyalty. (GR)

Criminal Justice

Website

daemen.edu/cj

Program Directors

Denise Emer and Jay Wendland
(716) 839-8257 or (716) 839-8284

Degree Offered

- **Bachelor of Science in Criminal Justice**

Graduation Requirements

An overall grade point average (GPA) of 2.00.

Mission Statement

The mission of the Criminal Justice Program at Daemen University is to provide students with an understanding of the criminal justice system from an interdisciplinary perspective that incorporates political, psychological, and social environments. The curriculum is designed to increase students' knowledge of foundational and contemporary topics in criminal justice, the methods and tools used to conduct research that informs various facets of the criminal justice system and process, and allows for evidence-based decision-making in various criminal justice domains. We accomplish this through a combination of coursework from a variety of disciplines and a field experience/internship that aligns with students' desired career and/or graduate school trajectories.

Program Objectives

- Prepare students who are well trained criminal justice professional with a strong liberal arts background, prepared with a deeper understanding of their political, psychological, and social environments.
- Prepare students with the ability to critically apply core criminology and criminal justice principles to situations related to crime, criminal justice, and related areas of practice.
- Ensure that all students complete this program with an understanding of the research methodology used in the study of criminal justice and the application of research to real-world environments.

Learning Objectives

Upon graduation, students will be able to:

- Demonstate an understanding of the criminal justice system and processes from an interdiciplinary perspective
- Identify, analyze, and evaluate the major components of the criminal justice system (e.g. criminal law, policing, and crime policy)
- Identify and analyze biological, psychological, political, social, and historical factors that contribute to, and maintain criminal behavior, and the ways in which criminal behavior is remediated
- Analyze and evaluate the most critical components of a particular facet of the criminal justice system through pursuit of a specialization in forensic science, mental health, or critical legal study
- Identify statistical and methodological approaches that contribute to our understanding of crime, criminal systems, and effective evaluation of criminal justice processes
- Articulate, both orally and in writing, a clear undestanding of the criminal justice field and the biological, social, political, and psychological context in which it is situated

Bachelor of Science in Criminal Justice

General Education Program

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 34 CREDITS

- CRJ100 Introduction to Criminology (3)
- CRJ200 Policing and the American Correctional System (3)
- CRJ400 Senior Capstone Project (3)
- PSC117 Criminal Law and Procedure (3)
- PSC230 U.S. Judicial Process (3)
- PSY103 Introduction to Psychological Sciences (3)
- PSY306 Forensic Psychology (3)
- PSY380 Drugs and Behavior (3)
- PSY391 Psychology and Culture (3)
- PSY333/L Statistics for Psychology and the Social Sciences (4)
- CMP101 Composition I (3)

2. Specialization: 18 CREDITS

Select one from the following tracks:

- **Forensic Studies Track** (for students who wish to pursue career with the physical investigation of crime)
  - FOR101 Introduction to Forensic Science (3)
  - PHY125 Forensic Physics (4)
  - Choose 12 credits from the following:
    - CHE112/L Introduction to Forensic Chemistry (4)
    - BIO334/FOR334 Forensic Entomology (4)
    - PSY314 Biological Basis of Behavior (3)
    - BIO208/L Anatomy & Physiology I (4)
    - BCH440/L Molecular Biology (4)
    - ENS303 Environmental Toxicology (3)
- **Mental Health Track**
  - PSY219 Psychology of Mental Illness (3)
  - PSY304 Counseling and Interviewing (3)
  - Choose 12 credits from the following:
    - BSHS200 Interdisciplinary Approaches to Behavior Change (3)
    - PSY210 Social Psychology (3)
    - PSY214 Psychology of Adolescence (3)
    - PSY216 Learning and Behavior Modification (3)
    - PSY220 Lifespan Development (3)
    - PSY231 Behavior Disorders of Childhood and Adolescence (3)
    - SOC209 Social Problems (3)

Note: SOC/SW217 Alcoholism, Substance Abuse, and other Addictions and/or SOC/SW411 Contemporary Issues in Mental Health (offered only as needed) may be substituted as electives in this track.

- **Criminal Law and Critical Legal Study Track**
  - CRJ300 Criminal Justice Theory and Practice (3)
  - PSC233 Political and Civil Rights (3)

- Choose 12 credits from the following:
    - PSC113 American Government (3)
    - PSC114 State and Local Politics (3)
    - PSC125 Public Policymaking (3)
    - PSC227 Public Administration (3)
    - PSC305 Constitutional Law (3)
    - SOC224 Ethnicity, Race, and Cultural Diversity (3)
    - SOC/SW 307 The Juvenile Justice System (3)
    - PHI322 Philosophy of Law (3)
    - LIT329 Imagining Trauma (3)
    - BIO103 Human Biology (3)
    - Choose one course from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (3)
- Social Sciences:
    - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
- Humanities:
    - PHI216 Ethics (3)
    - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

Note: SOC243 Child Welfare Policy and/or SOC/SW304 Social Class and inequality (offered only as needed) may be substituted as electives in this track.

3. Additional Requirements of the Major: 3 CREDITS

- CFE97 Career Preparation Seminar (0)
- CFE4XX Career Field Experience/Internship (3)

4. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
    - Natural Sciences and Mathematics:

5. Free Electives: 29 CREDITS

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Requirements for **Admission; Admission to Upper Division; Graduation** – consult the Sustainability section of the catalog or the Program Plans site on the Registrar's web page.

Suggested Course Sequence

Access the course sequence for the **BS, Criminal Justice,** from the Sustainability web page or the Program Plans site on the Registrar's web page.

Criminal Justice

CRJ 100: Introduction to Criminology

3 Credit Hour(s)

This course provides a general introduction to the study of crime and criminality. Our main focus is to introduce the major criminological theories and how these theories of crime participation are related to the policies and operation of the criminal justice system. Crime measurement, patterns and trends in crime, and crime types are discussed within this context. (UG)

CRJ 200: Policing and the American Correctional System

3 Credit Hour(s)

This course will cover the basic organizational structure of police organization, including the chain of command that is vital to understanding the police organization, culture, and intradepartmental communication (or lack thereof). It will also focus on the current climate of policing and criminal justice, the major issues in policing today and information needed to understand the challenges of effective and modern policing practices in our diverse society. (UG)

CRJ 300: Criminal Justice Theory and Practice

3 Credit Hour(s)

This course examines a wide range of ethical issues in the field of criminal justice through a discussion of the various philosophical approaches to ethical decision-making. Topics covered include the use of harm to prevent harm; the use of discretionary decision-making; prediction problems; and ethical dilemmas faced by front police, prosecutors, defense attorneys, corrections officers, etc. in the course of their daily duties. (UG)

CRJ 400: Senior Capstone Project

3 Credit Hour(s)

Course description (General Education Program): Every student pursuing a major in Criminal Justice must complete the senior capstone project. This class fulfills the capstone course requirement in the major and the university-wide Research Presentation (R&P) requirement. Students will be required to complete a 15-20 page research project consistent with the expectations of their major. In the event of a dual degree program (CRJ and Political Science or CRJ and Psychology) the research should reflect multidisciplinary training in both subjects and CRJ 445 may be taken as cross-listed HP 445 (History and Political Science Senior Thesis) or PSY 444 (Senior Thesis). (UG)

Education

Contact Information

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Chair and Executive Director of Education Programs

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Degree Programs

- **Bachelor of Science in Childhood Education (Grades 1-6)**
- **Bachelor of Science in Inclusive Childhood Education (Grades 1-6 + Students w/ Disabilities PK-12)**
- **Bachelor of Science in Early Childhood/Special Education (Birth–Grade 2)**
- **Bachelor of Science in Students with Disabilities All Grades (Grades PK-12)**
- **Bachelor of Fine Arts in Visual Arts Education (PK-Grade 12)**
- **Bachelor of Science in Educational Studies (non-certification track)**
- **Adolescence Education (Grades 7-12)** – see content area departments
    - Biology (Natural Sciences & Mathematics Department)
    - English (English Department)
    - Mathematics (Natural Sciences & Mathematics Department)
    - Social Studies (History & Political Science Department)

Minors

- **Educational Studies**
- **Special Education**
- **Early Childhood Education**

Accreditation Information

Daemen University is a member in good standing of the **Association for Advancing Quality in Educator Preparation (AAQEP)**, a national accrediting organization recognized by the Council for Higher Education Accreditation. The programs listed below have been awarded full accreditation by AAQEP through June 30, 2030. Accreditation acknowledges that a program prepares effective educators who continue to grow as professionals and has demonstrated the commitment and capacity to maintain quality.

Admission to Upper Division/Practicum Phase

Education programs have four phases: Foundational, Field Based, Practicum, and Student Teaching. Upper Division in the Education Department typically begins in the Practicum phase.

1. An **overall grade point average of 2.5 or better** for all completed university courses.

2. **A grade point average of 2.75 or better across all education courses** (ECSE, EC, EDU, & SED prefix).

3. Completion of Gateway 1 certification tasks on the department certification checklist in CORE ELMS.

4. Upper Division Portfolio submitted to our requirements platform:

- **Draft Resume** – a written emerging professional resume and evidence of scheduling a meeting with career services to review the resume (completed in EDU 204)
- **Global Perspectives Assignment** (completed in EDU 213)
- **Professional Goals Mid-Program Reflection** – a completed graphic organizer designed to help students reflect on development toward program outcomes and set their own professional goals (completed in SED 204).

The absence of any of these items, an overall GPA lower than 2.5, or a major GPA lower than 2.75 will constitute an incomplete submission, and the

portfolio will not be accepted for review. If you are missing assignments, please see your advisor before the submission date to seek advice about your options. Students with an incomplete upper division portfolio will not be approved for the Student Teaching phase.

Requirements for Student Teaching Phase

1. An overall grade point average (GPA) of 2.75*
2. A grade point average (GPA) of 3.0 in all Education courses
3. Completion of all Gateway 1 requirements and Upper Division tasks
4. Submission of their Learning Environment assignment in CORE ELMS (completed in EDU 326/SED 371/EDU 402)
5. Progress toward Gateway 2 certification requirements
6. Recommendation from the Education Department Faculty

*student with GPAs below the threshold may be conditionally admitted to student teaching. If their overall GPA does not improve to 2.75 by the end of the semester, they may be required to repeat coursework to improve their GPA before they are cleared for graduation.

Graduation Requirements

An overall grade point average (GPA) of 2.75 and submission of an Application for Degree form.

Additional Requirements for Initial Certification

Consult the Daemen Education Department certification checklist for complete details.

General Program Information

Current information on requirements for New York State teacher certification may be obtained from the **NYS Education Department** or on department-provided documents. Reciprocal certification agreements (interstate compacts) exist in many states. A complete listing is available in the **Career Services Office**.

Teacher candidates planning to teach children in an elementary setting will earn a Bachelor of Science degree in Childhood Education with New York State Initial Certification in Grades 1-6.

Teacher candidates planning to teach children in an elementary setting and/or youth with and without disabilities will earn a Bachelor of Science degree in Inclusive Childhood Education with dual New York State Initial Certification in Childhood Education (1-6) and Students with Disabilities (PK-12).

Teacher candidates planning to teach infants, toddlers, and/or young children with and without disabilities will earn a Bachelor of Science degree in Early Childhood Special Education with dual New York State Initial Certification in Early Childhood Education and Students with Disabilities Birth-Grade 2.

Teacher candidates planning to be a special education teacher can earn a Bachelor of Science degree in Students with Disabilities – All Grades with New York State Initial Certification in Grades PK-12.

Areas of disability specialization covered under the special education certification programs include autism spectrum disorders; chronic health disorders; conduct disorders (social and/or emotional disorders); learning, intellectual, and developmental disabilities; physical disabilities; and multiple disabilities. Areas of disability specialization not covered under these special education certification programs include speech, hearing, and visually impaired.

Early Childhood/Special Education, Childhood Education, Inclusive Childhood Education, and Students with Disabilities majors will include coursework in multiple liberal arts/sciences subjects including 6 credits of Mathematics, 6 credits of Science, 6 credits of Social Studies, and 6 credits of English Language Arts. Some of these credits overlap with the general education and institutional requirements to meet the state content core requirements for these majors.

Teacher candidates planning to teach in an adolescence education setting will earn a Bachelor of Science degree that includes a major within their content area as well as a sequence of education courses leading to New York State Initial Certification for Grades 7-12 for the following areas: English, Mathematics, Social Studies, or Biology. **These program details can be found in the content area departments.**

Teacher candidates planning to teach in an art education setting will earn a Bachelor of Fine Arts degree in Visual Arts Education with New York State Initial Certification for Grades PK-12.

All teacher candidates will complete at least 120 hours of early field experience related to coursework prior to student teaching (180 hours for dual certification majors), and a minimum of 70 days of student teaching. Between early field experiences and student teaching, teacher candidates are required to have experiences in a "variety of communities and across the range of student developmental levels of the certificate, experiences practicing skills for interacting with parents or caregivers, experiences in high need schools, and experiences with each of the following student populations: students who are socio-economically disadvantaged students, students who are English language learners, and students with disabilities"

(See 8NYCRR Section 52.21 (b) (2) (ii) (c) (2).) Registration of curriculum in teacher education.

Job Placement Availability:

The New York State Education Department requires the publication of statistics regarding the labor market and job availability for teachers. These statistics are available for New York State **http://www.highered.nysed.gov/tcert/home.html**; Interstate at **http://www.nasdtec.net/?page=Interstate**; National **http://www.aaee.org**. NYS & National Labor Market **http://www.labor.ny.gov/stats/lsproj.shtm**.

New York State Teacher Certification Examinations:

For the most recent data related to the performance of Daemen University Teacher Preparation Program's completers on New York State teacher certifications examinations, please see the following: **https://www.daemen.edu/academics/areas-study/education/accreditation/data**

Philosophy:

The philosophy of the Education Department at Daemen University is to promote faculty and teacher candidate commitment to an established paradigm for life-long learning. The Education Department's learning community is committed to the mastery of all appropriate standards.[1]

We believe that an active discourse regarding the general education core in the liberal arts and sciences, the content core and the pedagogical core can be utilized to instill knowledge and professionally prepare teacher candidates. This discourse also fosters community understanding regarding equity and the needs of diverse and exceptional students. We further believe that practical opportunities to apply the learning community's knowledge and understanding must be provided to all community members. Reflection within the learning community upon the results of assessment, in turn, inspires personal and collective growth. Our learning community exists within the Daemen University learning community and its wider constituencies, where resources, technology, support services, information, and due process rights empower both faculty and candidate.

1 Education faculty have adopted the Interstate New Teacher Assessment and Support Consortium (INTASC) standards as primary program standards for our teacher preparation programs. Additional standards and frameworks that guide our programs include, but are not limited to: Council for Exceptional Children (CEC) Initial Practice-Based Professional Preparation Standards for Special Educators, ISTE Standards for Educators, The Danielson Framework for Teaching, National Council of Teachers of English (NCTE) Standards, National Council of Teachers of Mathematics (NCTM) Standards, National Association for the Education of Young Children (NAEYC) Professional Standards and Competencies for Early Childhood Educators, and New York State P-12 Learning Standards.

Mission

The mission of the Education department at Daemen University is to develop community-focused, life-long learners who are prepared for life and leadership in an increasingly complex and interdependent world.

Our students engage in active discourse and field experience, thereby enhancing personal and professional growth. Graduates demonstrate knowledge, understanding and skills in the liberal arts and sciences; content and pedagogical knowledge; proactive and equitable response to diversity and exceptionality; and professional skills necessary for reflective practice.

The Education department is focused on developing innovative programs that address the changing needs of society through interdisciplinary partnerships.

- **The Teacher Preparation Programs** support the recruitment and retention of diverse teacher candidates at both the undergraduate and graduate level(s). This support is demonstrated through a sincere commitment to recognize and address local and regional needs in the field of education.

Department Learning Goals

The Learner and Learning

Goal #1: Learner Development. The teacher candidate understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

Goal #2: Learning Differences. The teacher candidate uses an understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

Goal #3: Learning Environments. The teacher candidate works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.

Content

Goal #4: Content Knowledge. The teacher candidate understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to ensure mastery of the content.

Goal #5: Application of Content. The teacher candidate understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem-solving related to authentic local and global issues.

Instructional Practice

Goal #6: Assessment. The teacher candidate understands and uses multiple methods of assessment to engage learners in their own growth, monitor learner progress, and guide the teacher's and learner's decision-making.

Goal #7: Planning for Instruction. The teacher candidate plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

Goal #8: Instructional Strategies. The teacher candidate understands and uses a variety of instructional strategies to encourage learners to develop a deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.

Professional Responsibility

Goal #9: Professional Learning and Ethical Practice. The teacher candidate engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

Goal #10: Leadership and Collaboration. The teacher candidate seeks appropriate leadership roles and opportunities to take responsibility for student learning and collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth and advance the profession.

Bachelor of Science Programs in Education (Childhood, Early Childhood, Childhood/Special)

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BS, Childhood Education

1. Major: 55 CREDITS

- EDU204 Field Based in Education (1)*
- EDU213 Foundations of Education (3)**
- EDU217 Facilitating Reading Literacy for Regular & Special Needs Learners at the Primary Level (3)**
- EDU237 Instructional Design (3)**
- EDU310 Practicum in Education (2)*
- EDU316 Elementary Education Methods: Social Studies (3)**
- EDU319 Assessment Methods in Education (3) **
- EDU323 Instructional and Assistive Technology (3)**
- EDU330 Elementary Education Methods: Science and Interdisciplinary STEM (3)
- EDU427 Teaching to the Standards (3)*
- EDU473 Student Teaching and Seminar In Inclusive Early Childhood (Birth-Pre-K) (6)*
- EDU474 Student Teaching and Seminar in Inclusive Early Childhood (K-2) (6)*
- SED204 Field Based Experience (1)*
- SED270 Introduction to the Nature & Educational Needs of Students with Disabilities (3) **
- SED300 Inclusive Literacy Practices and Strategies (3)**
- SED301 Inclusive Math Practices and Strategies (3)**
- SED371 Inclusive Classroom Management Techniques for Individuals with Disabilities(3)**
- CMP101 English Composition (3)**
- *** Requires a minimum grade of B- or better.**
- **** Requires a minimum grade of C or better.**

2. Major Requirements- LAS Content Core: 21 CREDITS

- HST105 or HST220: Global/US History I (3)**
- HST106 or HST221: Global/US History II (3)**
- Literature course (3)**
- MTH111 Math for Elementary Teachers (3)**
- Science course (3)**
- Health Promotion course (All must be General Education approved) (3)**
- LAS Content Core Elective (3)**
  - The following subjects are allowed: Anthropology, Art, Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish, and Theater.
- **** Requires a minimum grade of C or better.**

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)

- **Depth – Discovery (9)**
- **Breadth – Exploration:**
  - Natural Sciences and Mathematics:
    - Choose one course from: Biology, Biochemistry, Chemistry, Environmental Science, and Physics. (3)**
    - Choose one course from: Mathematics (3)**
  - Social Sciences:
    - PSY-212 Developmental Psychology: Infancy Through Childhood (3)**
    - Social Science Elective (3)**
  - Humanities:
    - Choose one course from: French or Spanish (3)**
    - Choose one course from: Art, or Theater. (3)**

- **** Requires a minimum grade of C or better**

4. Free Electives: 8 CREDITS

- Can use to take 2 early childhood courses for an early childhood (B-2) additional certification (apply through TEACH as an individually evaluated additional certification area)

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

BS, Inclusive Childhood/Students with Disabilities All Grades

1. Major: 63 CREDITS

- EDU204 Field Based Experience (1)*
- EDU213 Foundations of Education (3)**
- EDU217 Facilitating Reading Literacy for Regular & Special Needs Learners at the Primary Level (3)**
- EDU237 Instructional Design (3)**
- EDU310 Practicum in Education (2)*
- EDU316 Elementary Education Methods: Social Studies (3)**
- EDU319 Assessment Methods in Education (3)**
- EDU323 Instructional and Assistive Technology (3)**
- EDU330 Elementary Education Methods: Science and Interdisciplinary STEM (3)**
- EDU427 Teaching to the Standards (3)*
- EDU475 Student Teaching & Seminar at the Childhood Level (1-6) (6)*
- SED204 Field Based Experience (1)*
- SED270 Introduction to the Nature & Educational Needs of Students with Disabilities (3)**
- SED300 Inclusive Literacy Practices and Strategies (3)**
- SED301 Inclusive Math Practices and Strategies (3)**
- SED310 Practicum in Education (2)*
- SED364 Inclusive Education for Students with Moderate/Severe Disabilities (3)**
- SED371 Classroom Management Techniques for Individuals with Disabilities (3)**
- SED401 Methods of Inclusive Special Education (3)**
- SED476 Student Teaching & Seminar at the Primary Level (1-6) Inclusive Education (6)*
- CMP101 English Composition (3)**
- *** Requires a minimum grade of B- or better.**
- **** Requires a minimum grade of C or better.**

2. Major Requirements- LAS Content Core: 21 CREDITS

- HST105 or HST220: Global/US History I (3)**
- HST106 or HST221: Global/US History II (3)**
- Literature course (3)**

- MTH111 Math for Elementary Teachers (3)**
- Science course (3)**
- Health Promotion course (All must be General Education approved) (3)**
- LAS Content Core Elective (3)**
    - The following subjects are allowed: Anthropology, Art, Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish, and Theater.
- **** Requires a minimum grade of C or better.**

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- **Depth – Discovery (9)**
- **Breadth – Exploration:**
    - Natural Sciences and Mathematics:
        - Choose one course from: Biology, Biochemistry, Chemistry, Environmental Science, and Physics. (3)**
        - Choose one course from: Mathematics (3)**
    - Social Sciences:
        - PSY-212 Developmental Psychology: Infancy Through Childhood (3)**
        - PSY214 Psychology of Adolescence (3)**
    - Humanities:
        - Choose one course from: French or Spanish (3)**
        - Choose one course from: Art, or Theater. (3)**
- **** Requires a minimum grade of C or better.**

TOTAL PROGRAM REQUIREMENTS = 120

BS, Early Childhood Education/Special Education B-2

1. MAJOR: 63 CREDITS

- ECSE222 Infant Development & Intervention with Assistive Technology (3)**
- ECSE279 Typical/Atypical Child Development & Intervention Strategies-Preschoolers with Special Needs I (3)**
- ECSE324 Transdisciplinary Intervention & Family Involvement (3)**
- ECSE325 Early Childhood Assessment Methods for Mild/Moderate Disabilities (3)**
- ECSE473 Student Teaching & Seminar at the Preschool Level for Students with Disabilities (Birth-PreK) (6)*
- ECSE474 Student Teaching and Seminar in Inclusive Early Childhood (K-2) (6)*
- EDU103 Arts, Movement, and Music for the Young Child (3)**
- EDU204 Field Based Experience (1)*
- EDU213 Foundations of Education (3)**
- EDU217 Facilitating Reading Literacy for Regular & Special Needs Learners at the Primary Level (3)**
- EDU237 Instructional Design (3)**
- EDU303 Children's Literature (3)**
- EDU310 Practicum in Education (2)*
- EDU324 Math, Science, & Technology in Early Childhood (3)**
- EDU326 Planning and Managing the Early Childhood Teaching and Learning Environment (3)**
- EDU427 Teaching to the Standards (3)*
- SED204 Field Based Experience (1)*
- SED270 Introduction to the Nature & Educational Needs of Students with Disabilities (3)**

- SED310 Practicum in Inclusive Education (2)*
- SED401 Methods of Inclusive Special Education (3)**
- CMP101 English Composition (3)**
- *** Requires a minimum grade of B- or better.**
- **** Requires a minimum grade of C or better.**

2. Major Requirements- LAS Content Core: 21 CREDITS

- HST105 or HST220: Global/US History I (3)**
- HST106 or HST221: Global/US History II (3)**
- Literature course (3)**
- MTH111 Math for Elementary Teachers (3)**
- Science course (3)**
- Health Promotion course (All must be General Education approved) (3)**
- LAS Content Core Elective (3)**
  - The following subjects are allowed: Anthropology, Art, Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish, and Theater.
- **** Requires a minimum grade of C or better.**

3. General Education: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- **Depth – Discovery (9)**
- **Breadth – Exploration:**
  - Natural Sciences and Mathematics:
    - Choose one course from: Biology, Biochemistry, Chemistry, Environmental Science, and Physics. (3)**
    - Choose one course from: Mathematics (3)**
  - Social Sciences:
    - PSY-212 Developmental Psychology: Infancy Through Childhood (3)**
    - Choose Social Science (3)** – for additional emphasis on diversity and inclusion, choose SOC 224; if they eventually want the SWD All grades, they should choose PSY 214
  - Humanities:
    - Choose one course from: French or Spanish (3)**
    - Choose one course from: Art, or Theater. (3)**
  - **** Requires a minimum grade of C or better.**

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Suggested Course Sequence

Access the *suggested* course sequence for: **BS, Childhood Education**; **BS, Inclusive Childhood/Students with Disabilities All Grades**; **BS Early Childhood Education/Special Education B-2**, from the Education Department web page or the Program Plans site on the Registrar's web page.

Bachelor Of Science In Students With Disabilities All Grades (PK-12)

General Education Program

All degree programs require completion of the **General Education**. A complete description of the core and its requirements is available in the **General Education** section of the Daemen catalog. Courses which satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 55 CREDITS

- EDU204 Field Based Experience (1)*
- EDU213 Foundations of Education (3)**
- EDU217 Facilitating Reading Literacy for Diverse Learners at the Primary Level (3)**
- EDU237 Instructional Design (3)**
- EDU319 Assessment Method in Education (3)**
- EDU323 Instructional and Assistive Technology (3)**
- EDU427 Teaching to the Standards (3)*
- SED204 Field Based Experience (1)*
- SED270 Nature & Needs of Students with Disabilities (3)**
- SED300 Inclusive Literacy Practices and Strategies (3)**
- SED301 Inclusive Math Practices and Strategies (3)**
- SED310 Practicum in Inclusive Education (2)*
- SED364 Inclusive Education for Students with Moderate/Severe Disabilities (3)**
- SED371 Classroom Management Techniques for Individuals with Disabilities (3)**
- SED401 Methods of Inclusive Special Education (3)**
- SED498 Student Teaching: Students with Disabilities 1-6 (6)*
- SED499 Student Teaching: Students with Disabilities 7-12 (6)*
- CMP101 English Composition (3)**
- *** Requires a minimum grade of B- or better.**
- **** Requires a minimum grade of C or better.**

2. Major Requirements- LAS Content Core: 21 CREDITS

- HST105 or HST220: Global/US History I (3)**
- HST106 or HST221: Global/US History II (3)**
- MTH111 Math for Elementary Teachers (3)**
- Science course (3)**
- LAS Elective (9)** (S*tudents are encouraged to focus on specific subject areas if they wish to apply for subject-specific extension certifications.)*
    - The following subjects are allowed: Anthropology, Art, Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish, and Theater.
- **** Requires a minimum grade of C or better.**

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - Choose one course from: Mathematics (3)**
        - Choose one course from: Biochemistry, Biology, Chemistry, Computer Science, Environmental Science, and Physics (3)**
    - Social Science:

        - PSY212 Developmental Psychology: Infancy Through Childhood (3)**
        - PSY214 Psychology of Adolescence (3)**
    - Humanities:
        - LIT Course(3)**
        - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)**
    - **** Requires a minimum grade of C or better.**

4. Free Electives: 8 CREDITS

    - Can use to take 2 early childhood courses for an early childhood (B-2) additional certification (apply through TEACH as an individually evaluated additional certification area)

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Suggested Course Sequence

Access the suggested course sequence for the **BS, Students with Disabilities All Grades (PK-12)**, from the Education Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Fine Arts in Visual Arts Education (PK-Grade 12)

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 85 CREDITS

- ART103 Foundation Design I (3)**
- ART104 Foundation Design II (3)**
- ART105 Foundation Drawing I (3)**
- ART106 Foundation Drawing II (3)**
- ART230 Computer Rendering (3)**
- ART251 Ceramics I (3)**
- ART331 Art Reading List (3)**
- ART334 Digital Photography (3)**
- ART443 Issues & Methodologies in Contemporary Art (2)**
- ART446 History of Contemporary Art: 1940 – Present (3)**
- Art Studio Electives: (9)**
- ART498 Senior Art Exhibit (1)**
- CMP101 English Composition (3)
- EDU204 Field Based Experience in Education (1)*
- EDU213 Foundations of Education (3)**
- EDU237/L Instructional Design: Theory & Practice (3/1)**
- EDU301 Methods & Materials: Art (Elementary) (3)**
- EDU302 Methods & Materials: Art (Secondary) (3)**
- EDU310 Practicum in Education (2)*
- EDU311 Methods & Materials: Art (Middle) (3)**
- EDU427 Teaching to the Standards (3)*
- EDU477Student Teaching and Seminar: Elementary Levels: Art (6)*
- EDU 478 Student Teaching and Seminar: Secondary Levels: Art (6)*
- SED204 Field Based Experience in Inclusive Education (1)*
- SED270 Nature & Educational Needs of Students with Disabilities (3)**
- IND285 History of Art: Renaissance-Modern (3)**
- Choose one course:
  - SED371 Inclusive Classroom Management Techniques for Individuals with Disabilities (3)**
  - EDU402 Methods in Classroom Management – Secondary (3)**
- ***Required a minimum grade of B- or better**
- ****Required a minimum grade of C or better**

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences:
    - PSY212 Developmental Psychology: Infancy through Childhood (3)**
    - PSY214 Psychology of Adolescence (3)**
  - Humanities:
    - IND275 History of Art: Ancient – Medieval (3)**
    - Choose one course from:
      - THA203 Improvisation in the Classroom (3)**

- THA208 Public Speaking (3)**
- ****Required a minimum grade of C or better**

TOTAL PROGRAM REQUIREMENTS = 121

CREDITS

Suggested Course Sequence

Access the suggested course sequence for the **BFA, Visual Arts Education**, from the Education Department web page.

Bachelor of Science in Educational Studies (Non-Certification Track)

1. Major: 45 CREDITS

- EDU213Foundations of Education (3)**
- EDU237 Instructional Design (3)**
- EDU400 Capstone in Educational Studies (3)**
- SED270 SED270 Nature & Needs of Students with Disabilities (3)**
- **Choose 18 credits from the following:**
    - ECSE222 Infant and Toddler Development and Intervention (3)**
    - ECSE279 Early Childhood Development and Intervention Strategies (3)**
    - EDU323 Instructional and Assistive Technology (3)**
    - ECSE324 Transdisciplinary Intervention and Family Involvement (3)**
    - EDU103 Arts, Movement, & Music for the Young Child (3)**
    - EDU303 Emergent Literacy and Children's Literature (3)**
    - EDU319 Assessment Method in Education (3)**
    - SED300 Inclusive Literacy Practices and Strategies (3)**
    - SED301 Inclusive Math Practices and Strategies (3)**
    - SED364 Inclusive Education for Students with Moderate/Severe Disabilities (3)**
    - SED401 Methods of Inclusive Special Education (3)**
    - CMP101 English Composition (3)
    - ****Requires a minimum grade of C or better.**
- **Complete 12 credits within a Focus Area in a Related Field**. **Choose from the following focus options:**
    - We currently have options in Psychology, Social Work/Sociology, and Behavioral Sciences. Individualized focus areas may be allowed with chair approval.
- **FOCUS OPTION 1: PSYCHOLOGY**
    - **Choose 12 credits from the following:**
    - PSY210 Social Psychology (3)
    - PSY212 Developmental Psychology: Infancy Through Childhood (3)
    - PSY214 Psychology of Adolescence (3)
    - PSY215 Cognitive Psychology: Learning, Thinking, and Problem Solving (3)
    - PSY216 Principles of Learning and Behavioral Modification (3)
    - PSY218 Theories of Personality (3)
    - PSY219 Psychology of Mental Illness (3)
    - PSY220 Lifespan Development (3)
    - PSY231 Behavioral Disorders of Childhood and Adolescence (3)
    - PSY304 Counseling and Interviewing (3)
    - PSY309 Assessment in Psychology and Education (3)
    - PSY391 Psychology and Culture (3)
- **FOCUS OPTION 2: SOCIAL WORK/SOCIOLOGY**
    - **Choose 12 credits from the following:**
    - SOC201 Introduction to Sociology (3)
    - SOC/SW218 Introduction to Social Work and Sociology (3)
    - SOC224 Ethnicity, Race, and Cultural Diversity (3)
    - SOC/SW243 Child Welfare Policy and Services (3)
    - SOC303 Sociology of Family (3)
    - SOC305 Sociology of Sport (includes Service Learning through the Center for Applied and Unified Sport and Exercise) (3)
    - SW333 Human Behavior and the Social Environment I (3)
    - SW334 Human Behavior and the Social Environment II (3)
    - SOC/SW432 Contemporary Social Policy
- **FOCUS OPTION 3: BEHAVIORAL SCIENCES**
- BSHS200 Interdisciplinary Approaches to Behavior Change: Focus on Human Sciences, Medical Professions, and Business (3)
- PSY216 Principles of Learning and Behavior Modification (3)

- SED/ABA333 Elements of Behavior Change and Specific Behavior Change Procedures (3)
- **Electives (choose remaining 3 credits):**
- BSHS701 Basic Behavior Analysis (3)
- HPR313 Principles of Health Behavior Change (3)
- MGT321 Organizational Behavior Theory (3)
- PSY231 Behavior Disorders of Childhood and Adolescence (3)
- SED364 Inclusive Education for Students with Moderate/Severe Disabilities (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - Choose two courses from: Art, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

3. Free Electives: 39 CREDITS

- Complete 21 credits in Liberal Arts/Sciences Free Electives. Choose from the following areas:
  - The following subjects are allowed: Anthropology, Art, Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political Science, Psychology, Religion, Sociology, Spanish, and Theater.
- Complete 18 credits in Free Electives (courses can count Major courses).

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Suggested Course Sequence

Access the suggested course sequence for the **BS, Educational Studies**, from the Education Department web page or the Program Plans site on the Registrar's web page.

Educational Studies

This minor is designed for students not enrolled in a teacher preparation program. It will provide a foundational understanding of teaching, learning, and the educational system in the United States. Students who complete the educational studies minor in their undergraduate program will automatically qualify for a waiver of the two prerequisite courses in the initial/professional MS education programs at Daemen.

Requirements: 16 Credits:

- SED 270 Introduction to the Nature and Educational Needs of Students with Disabilities (3)
- EDU 237/L Instructional Design (3/1)
- EDU 213 Foundations of Education (3)
- Choose 2 courses in Education (EDU, SED, EC Prefix) (6)

Special Education Minor

(Limited to students who are **NOT** pursuing teacher certification in Special Education.)

Requirements: (15 credits)

- SED270 Introduction to the Nature and Educational Needs of Students with Disabilities (3)
- SELECT 12 CREDITS FROM THE FOLLOWING:
  - ECSE 222: Infant and Toddler Development & Intervention (3)
  - SED 300: Inclusive Literacy Practices & Strategies (3)
  - SED 301: Inclusive Math Practices & Strategies (3)
  - SED333 Elements of Behavior Change and Specific Behavior Change Procedures (3)
  - SED364 Inclusive Education for Students with Moderate/Severe Disabilities (3)
  - SED371 Classroom Management Techniques for Individuals with Disabilities (3)
  - SED 401: Methods of Inclusive Special Education (3)

NOTE: Other courses, including graduate coursework, may be allowed with the approval of the Education Chair.

Early Childhood Education Minor

(Limited to students who are in BS Childhood Education, BS Inclusive Childhood Education, and BS Students with Disabilities- All Grades programs.)

Requirements: (6 credits)

SELECT 6 CREDITS FROM THE FOLLOWING:

- Any ECSE Course (3)
- EC103 Arts, Movement, and Music for the Young Child (3)
- EC303 Emergent Literacy & Children's Literature (3)
- ECSE222 Infant and Toddler Development & Intervention (3)

Early Childhood

EC 103: Arts, Movement and Music for the Young Child

3 Credit Hour(s)

Field Based Level Course. Incorporating the theory of Multiple Intelligences and developmentally appropriate practices, this course prepares students to develop and implement meaningful, integrated learning experiences that focus on children's needs and interests to interact with their environment through music, art, and movement. Teacher candidates will be taught to incorporate into their daily instructional planning activities and strategies which encourage young children's physical, social, emotional, aesthetic and cognitive development across a wide variety of sensory and physical experiences, utilizing an array of materials, equipment, and environmental adaptations. Taken with the field based level course block. (UG)

EC 303: Emergent Literacy and Children's Literature

3 Credit Hour(s)

Field based level course. This course will introduce you to the emergent literacy development continuum (birth through grade 2) including areas of oral language, print awareness, book knowledge, alphabet knowledge, and phonological awareness. The course will also include and extensive survey of children's literature with special attention to standards of evaluation, principles of selection, and analysis of the reading interests of young children. Taken with the field based level course block. (UG)

Early Childhood Special Education

ECSE 222: Infant and Toddler Development and Intervention

3 Credit Hour(s)

Field Based Level Course. This course prepares teacher candidates to understand and appreciate the complex developmental issues and comprehensive interdisciplinary service needs of infants and toddlers who are disabled or are at risk for a disability, and their families. From an educational perspective, it is impossible to view the needs and goals for the young child apart from those of the family. Early intervention (EI) services are now found throughout the United States, and recent research on brain development highlights the unique characteristics and needs of infants/toddlers and the critical role of their caregivers in fostering optimal growth and development. The transactional model of EI emphasizes the importance of the continual and progressive interactions between the infant and the environment and is an essential position of the course objectives. Current research on the use of assistive technology in facilitating the infant.toddler's interactions with the environment will also be explored and incorporated into class discussions and assignments. Taken with the field based level course block. Prerequisites: SED 270 (UG)

ECSE 279: Early Childhood Development and Intervention Strategies

3 Credit Hour(s)

Field Based Level Course. This course provides an overview of issues and strategies involved in providing appropriate educational-development programming to toddlers and preschoolers with disabilities. Recognizing the importance of linking an understanding of child development and learning to curriculum development and implementation, this course will integrate an exploration of the various domains of child development with the design and implementation of individual and developmentally appropriate intervention strategies. This course will include an introduction to young children with special needs and the historical and legal mandates for providing for special needs in early education. Also addressed will be the developmental stages and factors affecting development, partnership with families, sensorimotor development, self-help skill development, and social and emotional development. Taken with the field based level course block. (UG)

ECSE 324: Transdisciplinary Intervention and Family Involvement

3 Credit Hour(s)

Practicum Level Course. With the implementation of family-centered services and the inclusion of young children with special needs in naturalistic environments, personnel need to be able to work collaboratively as members of teams with family members, with others in their own disciplines, and with individuals from an array of other disciplines. The early childhood special educator must be knowledgeable about the philosophical base, methodological approaches, and terminology of the disciplines with which collaboration/consultation occurs. In transdisciplinary team approaches, all team members share their expertise, become sensitive to understanding perspectives of other team members, and cross boundaries of their professional disciplines to maximize what they can offer to the child and his or her family. Students will receive instruction from a parent of a child with a disability and a team of professionals who will model transdisciplinary service delivery and instruct students in a cross-disciplinary model of intervention. Taken with the practicum level course block. (UG)

ECSE 325: Early Childhood Assessment Methods for Mild/Moderate Disabilities

3 Credit Hour(s)

Practicum Level Course. This course provides an overview of issues, the legal basis, and the functions of assessment of infants, toddlers and preschoolers with disabilities. Assessment is an important and ongoing responsibility of professionals who work with young children with disabilities and is necessary not only to meet federal and state mandates but also to plan appropriate intervention strategies and to monitor the effectiveness of services provided. Special emphasis will be placed on incorporating current research into the course objectives, including recognition of the high priority now placed on family-centered assessment and intervention, on assessment in the natural environment, and on the importance afforded to the role of interdisciplinary assessment strategies. Taken with the practicum level course block. (UG)

ECSE 473: Student Teaching-Inclusive Early Childhood Birth-Pk Disabilities (Birth-Pre K)

6 Credit Hour(s)

Student Teaching Experience. For students in the Early Childhood/Early Childhood Special Education program. One professional laboratory experience includes observations of young children birth through age 5, with gradually increasing responsibility through participation under supervision. Individual teacher candidates are guided by periodic conferences with the College supervisor. Prerequisites: a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 427 and ECSE 474. (UG)

ECSE 474: Student Teaching-Inclusive Early Childhood Pk-2 Disabilities (Pre K-Grade 2)

6 Credit Hour(s)

For students in the Early Childhood/Early Childhood Special Education program. One professional laboratory experience includes observations of young children with disabilities, pre-school through second grade, with gradually increasing responsibility through participation under supervision. Individual teacher candidates are guided by periodic conferences with the College supervisor. Prerequisites: Completion of all Education courses, with the exception of EDU 327, EDU 471 or EDU 472, which are taken concurrently; a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU-427. (UG)

Education

EDU 203: Learning Theory

3 Credit Hour(s)

Foundational Course. Designed to provide a thorough understanding of psychological concepts, principles, and theories central to the teaching-learning process, including classroom challenges and opportunities encountered by teachers. Students will arrange an interview with a teacher in the field. (UG)

EDU 204: Field Based Experience in Education

1 Credit Hour(s)

This course is a 30 hour field based experience in a classroom within a grade level/subject that matches the teacher candidate's certification area. During this experience, teacher candidates will observe and reflect on lessons by the cooperating teacher, teach lessons from the school curriculum, and begin to plan their own lessons and assessments under the mentorship of a cooperating teacher and institution supervisor. Teacher candidates are responsible for their own transportation and completing any background checks required by the school district. Taken with the field based course block. (UG)

EDU 213: Foundations of Education

3 Credit Hour(s)

Foundational Course. The purposes of this course are: 1) to provide an overview of the historical, philosophical, curricular, and sociological foundations upon which pedagogical practice in the United States rests; 2) to analyze education as a social institution; 3) to discuss contemporary educational issues from an historical perspective; and 4) to discuss educational statutes, legislation, and judicial decisions as they pertain to classroom teachers. (UG)

EDU 217: Facilitating Reading Literacy for Learners At the Primary Level at the Primary Level

3 Credit Hour(s)

Field Based Level Course. This course focuses on the natural, integrative, developmental processes by which young, primary level children (Grades K-3) continue to acquire speech, language, and communication from the early childhood years. Emphasized are the development and utilization of a broad spectrum of pedagogical strategies designed to foster a continuing competence and confidence in reading, writing, speaking, and listening. All major methods of teaching reading and the related language arts are explored in depth. Diagnostic, prescriptive, and evaluative techniques are addressed, including major modifications which must be made to accommodate the needs of children with disabilities. The critical assessment of commercial reading and other language arts programs/materials/ strategies designed for the emergent and early reader is also a major intended course outcome. Taken with the field based level course block. (UG)

EDU 218: Facilitating Reading Literacy for Diverse Learners At the Intermediate Level

3 Credit Hour(s)

Field Based Level Course. In this course students will explore startegies that facilitate language development and reading acumen for intermediate level and middle school children and youths. Emphasized are the development and utilization of a broad spectrum of pedagogical methodologies designed to foster reading literacy and confidence and competence in writing, speaking, and listening. Diagnostic, prescriptive, and evaluative techniques appropriate to the intermediate child and middle school youth are addressed, including major modifications which must be made to accommodate the needs of students with disabilities. The critical assessment of commercial reading and other language arts programs/materials/strategies, designed for the fluent reader, is also a major intended course outcome. Taken with the field based level course block. (UG)

EDU 237: Instructional Design: Theory and Practice

3 Credit Hour(s)

Foundational Course. This course provides a comprehensive introduction to the instructional process. The primary focus is on the introduction and examination of instructional design, with special emphasis on the utilization of behavioral objectives in planning instruction. Also addressed are the personal and professional characteristics and competencies necessary for effecting educationally meaningful teaching-learning experiences for ALL STUDENTS. The relationship between theory and instructional design is covered in depth. (UG)

EDU 237L: Instructional Design: Technology Lab

1 Credit Hour(s)

Foundational Course. This course provides a basic introduction to classroom educational technology including the design and development of digital age instruction and assessment. Students will confidently use educational technology platforms, websites, and devices for a range of instructional purposes. This course is pass/fail and is typically a joint enrollment with EDU 237. Prerequisite or Corequisite: EDU 237. (UG)

EDU 301: Methods and Materials: Art (Elementary)

3 Credit Hour(s)

Field based level course. The focus of this course is on art instruction as it applies to the Childhood Level Art Educator. Emphasis will be placed on elementary level lesson and unit planning, instructional strategies for diverse learners, understanding characteristics of child and artistic development, and multiple instructional strategies that encourage students' critical and creative thinking and art skills. Taken with a field based course where teacher candidates will be required to observe, assist, and/or teach elementary students in a variety of settings. Co-requisite: SED 204. (UG)

EDU 302: Methods and Materials: Art (Secondary)

3 Credit Hour(s)

Practicum level course. The focus of this course is on art instruction as it applies to the Adolescence Level Art Educator. Emphasis will be placed on high school lesson and unit planning, communicating with students, administrators, and community members, assessment of student learning and artwork, and school/community involvement. Taken with a practicum course where teacher candidates will be required to observe, assist, and/or teach high school students in a variety of settings. Co-requisite: EDU 310. (UG)

EDU 310: Practicum in Education

2 Credit Hour(s)

This course is a 60 hour practicum experience in a classroom within a grade level/subject that matches the teacher candidate's certification area. During this experience, teacher candidates will plan and teach lessons and lesson sequences under the mentorship of a cooperating teacher and institution supervisor. Teacher candidates are responsible for their own transportation and completing any background checks required by the school district. Taken with the practicum course block. (UG)

EDU 311: Methods & Materials: Art (Middle School)

3 Credit Hour(s)

Field based level course. The focus of this course is on art instruction as it applies to the Middle Level Art Educator. Emphasis will be placed on middle level lesson and unit planning, the contextual aspect of learners, understanding characteristics of adolescent and artistic development, classroom management and motivation, and professional development. Taken with a field based course where teacher candidates will be required to observe, assist, and/or teach middle school students in a variety of settings. Co-requisite EDU 204. (UG)

EDU 314: Promoting English Language Arts Across the Content Areas

3 Credit Hour(s)

Field Based Level Course. The primary purpose of this course is to provide Adolescence Education students with the tools necessary to infuse English Language Arts skills into their content specific courses. Teacher candidates will participate in classroom discussions, prepare and present demonstrations, and create original projects. Background information will be presented in short lectures. Taken with the field based level course block. (UG)

EDU 316: Elementary Education Methods: Social Studies

3 Credit Hour(s)

Practicum Level Course. This course focuses on understanding the structure and concepts of a multi-disciplinary social studies curriculum. Emphasis is given to the examination of a variety of methods and materials utilized in social studies instruction.Taken with the practicum level course block. (UG)

EDU 319: Assessment Methods in Education

3 Credit Hour(s)

Field Based Level Course. Assessment methods in education are intended to provide teacher candidates with the knowledge and skills necessary to examine the relationship between assessment methodology and its utilization in the classroom. Upon successful completion of this course, students will be able to articulate the nature of assessment, compare and contrast the concepts of validity and reliability, outline appropriate testing procedures and practices, integrate standardized test results in planning classroom instruction, appraise different types of classroom assessment tools, and critique factors used to grade student performance. Taken with the field based level course block. (UG)

EDU 320: Elementary Education Methods: Math, Science and Technology

3 Credit Hour(s)

Practicum Level Course. This course provides an in-depth study of the major elements of an elementary level mathematics program, as well as an in-depth study of the major knowledge, concepts, and processes related to elementary level science instruction. Primary attention is directed toward an examination of the multiple/alternative methods and materials utilized in mathematics and science instruction. Taken with the practicum level course block. (UG)

EDU 323: Instructional & Assistive Technology

3 Credit Hour(s)

Practicum Level Course. In this course students will learn about common instructional and assistive technology tools, platforms, devices, and services used in schools today. Utilizing purpose-driven frameworks for technology integration, students will enhance lesson plans and activities by incorporating instructional and assistive technology to facilitate and support student learning. Taken with the practicum level course block. (UG)

EDU 324: Math, Science & Technology in Early Childhood

3 Credit Hour(s)

Practicum Level Course. This course is an introduction to early childhood learning trajectories and methods for teaching/learning in math and science. Students will explore how to create rich learning environments to facilitate inquiry and constructivist approaches to early childhood STEM instruction. The role of technology to support math and science in early childhood education will also be discussed. Taken with the practicum level course block. (UG)

EDU 326: Planning and Managing the Early Childhood Teaching and Learning Environment

3 Credit Hour(s)

Practicum Level Course. This course will prepare students to establish and maintain physically and psychologically safe and healthy learning environments for young children that focus on children's needs and interests and takes into account culturally valued content and children's home experiences. Course objectives and assignments will require teacher candidates to demonstrate understanding of the influence of the physical setting, schedule, routines, and transitions on children's learning and to use these experiences to promote children's growth across the domains of development: social/emotional, cognitive, language/communication, self-help, and fine and gross motor. Taken with the practicum level course block. (UG)

EDU 330: Elementary Education Methods: Science And Interdisciplinary Stem

3 Credit Hour(s)

Practicum Level Course. This course provides an in-depth study of the major knowledge, concepts, and processes related to elementary level science and interdisciplinary STEM instruction. Primary attention is directed toward an examination of the multiple/alternative methods and materials utilized in science and STEM instruction to promote inquiry, engagement, critical thinking and discourse. Taken with the practicum level course block. (UG)

EDU 336: Language/Literacy Development for the Adolescent Learner

3 Credit Hour(s)

Field Based Level Course. This interdisciplinary course will allow Adolescence teacher candidates to discuss the theories of how learners continue to acquire and use literacy as they enter adolescence and how this differs/complements elementary acquisition. In addition, specific skills will be reviewed on how to help adolescents become better readers, writers, speakers and listeners. This course will use the seminar approach. Teacher candidates will participate in classroom discussions, prepare and present demonstrations, and create original projects. Taken with the field based level course block. (UG)

EDU 400: Capstone in Educational Studie

3 Credit Hour(s)

This course serves as the final culminating experience for students in the Educational Studies program. Students will work with a faculty member to reflect on and synthesize their learning in the major, prepare a resume and digital portfolio, and to research and write/present about a special interest topic in education and/or their focus area. Prerequisite: CMP 101 and permission of department chair. (UG)

EDU 402: Methods in Classroom Management for Secondary Education

3 Credit Hour(s)

Practicum Level Course. The primary purpose of this course is to provide Adolescence majors with a comprehensive, in-depth examination of strategies for creating a positive learning environment through the use of effective classroom management techniques. Particular emphasis will be placed on an introduction and examination of the development and implementation of classroom rules, procedures and consequences to enhance instruction, and prevention strategies and skills necessary to prevent classroom misconduct. Teacher candidates will examine teacher attributes and productive use of class time strategies to respond to minor classroom disruptions; diagnose and remediate chronic misbehavior; identify methods to create an effective learning environment; and investigate beliefs and theories related to classroom management. Taken with the practicum level course block. (UG)

EDU 427: Teaching to the Standards

3 Credit Hour(s)

Fullls core competency: Information Literacy; Together with EDU 319, combination of both courses meets Research and Presentation requirement. This course is designed to familiarize the teacher candidate with the standards movement in New York State. This course will provide a national as well as state perspective on educational reform. The primary emphasis will involve a review of the Common Core/Next Generation content-area learning standards now in effect in New York State. A connection between curriculum, instruction, and assessment will be established, allowing students the opportunity to develop a learning experience that incorporates the New York State Common Core/Next Generation learning standards. Implications of these standards with respect to individuals with disabilities will also be addressed. Upper Division Course. Prerequisites: Completion (with required grades) of all Education courses except student teaching courses, which are taken concurrently. Corequisites: Student teaching courses. (UG) (UG)

EDU 457: Independent Study or Research

1-6 Credit Hour(s)

Research project arranged for the individual or a small group under the guidance and direction of a faculty member of the Education Department. Prerequisite: Permission of department chairperson and instructor required. (UG)

EDU 458: Directed Study

1-6 Credit Hour(s)

An examination by an individual teacher candidate of a specialized topic in the field of education or the completion of a specialized project related to teaching at either the elementary or secondary school level under the guidance and direction of a faculty member of the education department. Prerequisites: Permission of department chairperson and instructor required. (UG)

EDU 471: Student Teaching and Seminar at the Preschool and Primary School Level (Birth-Pre K)

6 Credit Hour(s)

For teacher candidates in the Early Childhood/Early Childhood Special Education program. One professional laboratory experience includes observations of young children, preschool through second grade, with gradually increasing responsibility through participation under supervision. Individual student teachers are guided by periodic conferences with the College supervisor. Prerequisites: Completion of all Education courses, with the exception of EDU 327, ECSE 472 or ECSE 473, which are taken concurrently; a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 327, ECSE 473 or ECSE 473. (UG)

EDU 472: Student Teaching and Seminar at the Preschool adn Primary School Level (PreK-Grade 2)

6 Credit Hour(s)

For teacher candidates in the Early Childhood/Early Childhood Special Education program. One professional laboratory experience includes observations of young children, preschool through second grade, with gradually increasing responsibility through participation under supervision. Individual student teachers are guided by periodic conferences with the College supervisor. Prerequisites: Completion of all Education courses, with the exception of EDU 327, ECSE 471 or ECSE 473, which are taken concurrently; a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 327, ECSE 473 or ECSE 474. (UG)

EDU 473: Student Teaching-Primary (1-3)

6 Credit Hour(s)

One professional laboratory experience at the childhood primary level (1-3) includes observations of regular classroom situations with gradually increasing responsibility through participation under supervision. Individual student teachers are guided by periodic conferences with the College supervisor. Prerequisites: Prerequisites: a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 427. (UG)

EDU 474: Student Teaching-Intermediate (4-6)

6 Credit Hour(s)

One professional laboratory experience at the childhood intermediate level (4-6) includes observations of regular classroom situations with gradually increasing responsibility through participation under supervision. Individual student teachers are guided by periodic conferences with the College supervisor. Prerequisites: Prerequisites: a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 427 and EDU 473. (UG)

EDU 475: Student Teaching-Childhood (1-6)

6 Credit Hour(s)

For dual certification majors. One professional laboratory experience covers observation of special education classroom situations with gradually increasing responsibility through participation under supervision. Individual student teachers are guided by periodic conferences with the College supervisor. Prerequisites: a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 427 and SED 476. (UG)

EDU 477: Student Teaching Art-Elementary

6 Credit Hour(s)

One professional elementary level (K-6) laboratory experience in Art includes observations of regular classroom situations with gradually increasing responsibility through participation under supervision. Individual teacher candidates are guided by periodic conferences with the College supervisor. Prerequisites: a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 427, ART 498, and EDU 478. (UG)

EDU 478: Student Teaching Art-Secondary

6 Credit Hour(s)

One professional secondary level (7-12) laboratory experience in Art includes observations of regular classroom situations with gradually increasing responsibility through participation under supervision. Individual teacher candidates are guided by periodic conferences with the College supervisor. Prerequisites: Prerequisites: a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 427, ART 498, and EDU 477. (UG)

EDU 479: Student Taching Grades 7-9

6 Credit Hour(s)

Biology, English, French, Mathematics, Social Studies, and Spanish. One professional laboratory experience at the early adolescent level (7-9) includes observations of regular classroom situations with gradually increasing responsibility through participation under supervision. Teacher candidates are guided by periodic conferences with the College supervisor. Prerequisites: Completion of all courses, except for EDU 327 and EDU 480, which are taken concurrently; a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 327 and EDU 480. (UG)

EDU 480: Student Teaching Grades 10-12

6 Credit Hour(s)

Biology, English, French, Mathematics, Social Studies, and Spanish. One professional laboratory experience at the secondary level (10-12) includes observations of regular classroom situations with gradually increasing responsibility through participation under supervision. Teacher candidates are guided by periodic conferences with the College supervisor. Prerequisites: a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 427 and EDU 479. (UG)

Special Education

SED 102: American Sign Language, Level I

3 Credit Hour(s)

Cross-listed as CA 102. An introductory course in the use of manual communication within the framework of everyday conversation. The course includes background on language, deafness, deaf Americans and their culture, communication modes, approximately 370 signs, the numbers 1-30, and the American Manual Alphabet. At the culmination of this course, the student will begin to develop functional proficiency in American Sign Language using everyday situations as context for communication, listen and speak effectively using ASL, gain a basic understanding of language, deaf Americans and their history and culture, and form reasons, values, and judgments about the larger culture we exist in, and the deaf culture. (UG)

SED 106: American Sign Language, Level II

3 Credit Hour(s)

Cross-listed as CA 106. This course is a continuation and extension of American Sign Language I for students who have completed the first level course SED 102 American Sign Language I. The course will further develop the communicative competencies of manual sign language beyond the basic level. Students will continue with the examination and understanding of deaf culture, history and language, along with exposure to ASL sentence types, time, and all aspects of grammar, syntax and pragmatic use of manual sign. Prerequisite: CA/SED 102. (UG)

SED 204: Field Based Experience in Inclusive Education

1 Credit Hour(s)

This course is a 30 hour field based experience in a classroom with students with disabilities, in a grade level/subject that matches the teacher candidate's certification area. During this experience, teacher candidates will observe and reflect on lessons by the cooperating teacher, teach lessons from the school curriculum, and begin to plan their own lessons and assessments under the mentorship of a cooperating teacher and institution supervisor. Teacher candidates are responsible for their own transportation and completing any background checks required by the school district. Taken with the field based course block. (UG)

SED 270: Introduction to the Nature and Educational Needs of Students With Disabilities

3 Credit Hour(s)

Foundational Course. A comprehensive survey of factors related to individuals with disabilities, including those who have learning disabilities, intellectual disabilities, emotional or behavior disorders, visual impairments, hearing impairments, orthopedic impairments, or multiple disabilities, autism spectrum disorders or who are gifted. Topics addressed in the course include definitions, prevalence, identification, characteristics, related vocabulary, relevant legislation and litigation, and current issues and trends related to services and supports for individuals with disabilities. This course also includes a three-hour workshop on Autism Spectrum Disorder for those enrolled in a teacher preparation program. (UG)

SED 300: Inclusive Literacy Methods and Strategies

3 Credit Hour(s)

Field Based Level Course. In this course you will explore learning theories, research based methods, and instructional strategies for teaching literacy to all students, including emergent bilinguals and those with disabilities. This course also provides a historical and contemporary overview of mild/moderate disabilities (e.g., learning disabilities, intellectual disabilities, emotional/behavior disorders, and autism) and the potential impact on literacy development. Taken with the field based level course block. Prerequisites: SED 270 (UG)

SED 301: Inclusive Math Methods and Strategies

3 Credit Hour(s)

Field Based Level Course. In this course you will explore learning theories, research based methods, and instructional strategies for teaching mathematics to all students, including emergent bilinguals and those with disabilities. This course also provides a historical and contemporary overview of mild/moderate disabilities (e.g., learning disabilities, intellectual disabilities, emotional/behavior disorders, and autism) and the potential impact on mathematics and numeracy development. Taken with the field based level course block. (UG)

SED 310: Practicum in Inclusive Educationi

2 Credit Hour(s)

This course is a 60 hour practicum experience in a classroom with students with disabilities, in a grade level/subject that matches the teacher candidate's certification area. During this experience, teacher candidates will plan and teach lessons and lesson sequences under the mentorship of a cooperating teacher and institution supervisor. Teacher candidates are responsible for their own transportation and completing any background checks required by the school district. Taken with the practicum course block. (UG)

SED 333: Elements of Behavior Change and Specific Behavior Change Procedures

3 Credit Hour(s)

Cross listed as ABA 333. This is a 3-credit hour course that will introduce students to the basic principles of Applied Behavior Analysis including measurement of behavior, behavioral assessment, behavioral techniques used for skill acquisition and reduction of problem behaviors as well as professional ethics. Behavior Analysis is a growing field with many different professional applications including education, special education and developmental disabilities/autism. Students planning to work with children or adults with developmental disabilities in any capacity may benefit from this introduction to basic behavior analytic concepts and techniques. This course fulfills the 40-hour instructional requirements put forth by the Behavior Analyst Certification Board (BACB) to become a Registered Behavior Technician (RBT see description below). Upon successful completion of the course, students will receive a certificate of completion. Students who desire RBT certification will need to successfully complete an RBT initial competency assessment at your place of employment under ongoing supervision from an RBT Supervisor. (UG)

SED 340: Inclusive Education for Students with Emotional/Behavioral Disorders

3 Credit Hour(s)

This course will provide an understanding and knowledge of current terminology and definitions of students with emotional/behavioral disorders (E/BD); social characteristics; effects of dysfunctional behavior on learning; use of formal/informal social and academic assessment; identification and use of intervention strategies in the classroom; planning, organization and implementation of individualized instruction for cognitive and affective needs of students with E/BD. This course also examines programs for inclusion of E/BD while addressing career/vocational and transition issues; promotes understanding of the use and selection of specific management techniques for individuals with E/BD and the special educator's role as a collaborator and/or consultant to assist with reintegration of students with E/BD into the classroom. Prerequisite: C or better in SED 270. (UG)

SED 363: Inclusive Education for Children with Learning Disabilities and Mild Disabilities

3 Credit Hour(s)

Field Based Level Course. This course provides a historical and contemporary overview of mild disabilities (learning disabilities, intellectual disabilities, behavior disorders and emotional disorders and autism) and learning theories, methods, and instructional strategies for educating these students in the least restrictive environment. Taken with the field based level course block. (UG)

SED 364: Inclusive Education for Students with Moderate/Severe Disabilities

3 Credit Hour(s)

Field Based Level Course. The purpose of this course is to provide an overview of the historical and present instruction and support of individuals perceived as having moderate/severe disabilities in a range of educational environments. Taken with the field based level course block. (UG)

SED 371: Classroom Management Techniques for Individuals with Disabilities

3 Credit Hour(s)

Practicum Level Course. This course covers the skills and competencies needed in order to design, implement, and evaluate behavior management programs for individuals with emotional/behavior disorders, intellectual disabilities, learning disabilities, and other pervasive developmental disorders. Principles of operant learning, relationships between behavior and environmental events, and systematic data collection and analysis will be included. Provides teacher candidates an opportunity to observe individual student behavior, collect baseline data, design and implement an intervention plan to increase appropriate behavior and/or decrease inappropriate behavior, and evaluate the results. Taken with the practicum level course block. (UG)

SED 401: Methods of Inclusive Special Education

3 Credit Hour(s)

Practicum level course. The course and its corresponding practicum enable students to understand and apply methods of effective collaboration and/or co-teaching while providing the opportunity to practice instructional design and delivery, assessment, and reflection. This course examines methods for effective development of IEP and lesson plan objectives; creation of lesson plans and learning centers incorporating instructional design features shown in research to increase effectiveness with students with disabilities; and use of performance data to make changes and adaptations to materials, teaching procedures, or curricular content. The course also explores curriculum models and teaching/learning approaches used across a continuum of special education settings; classroom arrangements, activities, and procedures that have been shown in research to increase the achievement and learning of students with disabilities; and cultural and linguistic factors that affect the design and implementation of instruction for students with disabilities. Taken with the practicum level course block. (UG)

SED 457: Independent Study or Research

1-6 Credit Hour(s)

Research project arranged for the individual or a small group under the guidance and direction of a faculty member of the Education Department. Prerequisites: Permission of department chairperson and instructor required. (UG)

SED 458: Directed Study

1-6 Credit Hour(s)

An examination by an individual teacher candidate of a specialized topic in the field of education or the completion of a specialized project related to teaching at either the elementary or secondary school level under the guidance and direction of a faculty member of the Education Department. Prerequisites: Permission of department chairperson and instructor required. (UG)

SED 476: Student Teaching-Students With Disabilities (1-6)

6 Credit Hour(s)

For dual certification majors. One professional laboratory experience covers observation of special education classroom situations with gradually increasing responsibility through participation under supervision. Individual student teachers are guided by periodic conferences with the College supervisor. Prerequisites: Completion of all courses, except for EDU 327 and EDU 475 which are taken concurrently; a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. Corequisites: EDU 427, EDU 475. (UG)

SED 498: Student Teaching: Students With Disabilities Grades 7-9

6 Credit Hour(s)

One professional laboratory at the early adolescent school level (7-9) experience covers observation of special education classroom situations with gradually increasing responsibility through participation with the lead content teacher under supervision. Individual student teachers are guided by periodic conference with the college supervisor. Prerequisites: a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. (UG)

SED 499: Student Teaching Students With Disabilities Secondary (10-12)

6 Credit Hour(s)

One professional laboratory experience at the secondary adolescent school level (10-12) covers observation of special education classroom situations with gradually increasing responsibility through participation with the lead content teach under supervision. Individual student teachers are guided by periodic conferences with the college supervisor. Prerequisites: a minimum GPA of 2.75 overall and in Education courses; permission of Department Chair required. (UG)

Global and Local Sustainability

Contact Information

phone: (716) 839-8366
daemen.edu/sustainability

Chair

Caitlyn Montross
(716) 839-8405

Degree Offered

- **Bachelor of Arts in Global and Local Sustainability** ***(currently not accepting new students)***

Minor

- **Global and Local Sustainability**

Admission to Upper Division

In the second semester of the sophomore year, the student is required to make a formal application (to the Chair of the Sustainability Department) for admission to the upper division. Transfer students (both from other institutions and current Daemen students who wish to declare a major in the Global & Local Sustainability department) will be accepted as lower division students.

Requirements for admission to upper division:

1. Overall grade point average (GPA) of 2.0.
2. A minimum grade of C in: CMP101; ENS201; SUST140; SUST240.
3. A grade point average (GPA) of at least 2.25 in the courses referenced above.
4. A minimum grade of C in all courses taken to date which are required courses in the major section of the curriculum.
5. Submission of an essay reflecting on previous community work, travel experiences, and future career goals.

Residency Requirements

While there are no residency requirements prior to admission to the upper division, students completing coursework at Daemen University will receive priority for admission based on tenure with the University as well as performance and the amount of coursework taken at the University.

Graduation Requirements

An overall grade point average (GPA) of 2.00.

Pertinent Additional Information

Students are required to complete one or more community-based international experiences subject to the approval of the Department Chairperson. The experience(s) may include internships, volunteer opportunities, additional language studies, or pre-approved studies taken elsewhere. The experience(s) may or may not result in credit earned.

Students select an area of specialization within the major with the approval of the Department Chairperson. This can include coursework from a single academic discipline or a combination of study areas.

Mission Statement

The mission of the Global and Local Sustainability Department is to prepare students to be compassionate and informed citizens working to create and maintain sustainable communities locally and around the world. Through its interdisciplinary and experiential emphasis, our program fosters the skills to solve problems creatively and with cultural sensitivity, while developing graduates who can communicate solutions with clarity and confidence and identify new approaches to restore the environment, create economic and intellectual capacity, and promote social well-being.

Program Objectives

- To provide students with knowledge of the three pillars of sustainability – social, environmental, and economic sustainability.
- To provide students with essential interpersonal and organizational skills necessary for

collaborating with diverse community partners.
- To empower students to play an active role in their local and global communities, considering social and environmental responsibility in their decision-making.
- To provide internship opportunities for students to further their intellectual and creative skills in economic and social development, cultural and historical preservation, and environmental careers in government, not profits and private businesses.
- To develop creative problem-solving skills to address interdisciplinary challenges of sustainability.
- To build an understanding of the concept of place and the connections between people and their natural, built, and social environments.

Learning Objectives

As a result of this program, a student will be able to:

- Obtain, evaluate and integrate information across disciplines to act as informed active citizens in their local and global communities
- Work effectively with individuals across disciplines to identify problems, develop creative solutions and implement action plans with community stake-holders and leaders
- Recognize the importance of biodiversity and the multiplicity of cultures that are found locally, nationally and globally
- Critically analyze data, develop logical interpretations and draw informed conclusions
- Communicate clearly in both written and oral form using appropriate vocabulary and presentation style for the audience
- Recognize the connections among social and environmental responsibility choices, personal values and ethical decision-making
- Explain the concept of place and the connections between people and their natural, built and social environments

Bachelor of Arts in Global and Local Sustainability

General Education Program

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 75 CREDITS

- SUST140 Sustainability Design Seminar I* (3)
- SUST240 Sustainability Design Seminar II* (3)
- SUST340 Sustainability Design Seminar III (3)
- SUST440 Sustainability Design Seminar IV (3)
- SUST443 Capstone Research in Sustainability (3)
    - *Minimum grade of 'C' required.

- Global and Local Sustainability Electives: 15 CREDITS
    - BIO/SUST304 Conversation Biology (3)
    - ENS/SUST310 Global Water Issues (3)
    - HPR308 Environmental Health (3)
    - HPR335 Critical Issues in Global Health (3)
    - IND/SUST322 Alternative and Renewable Energy Issues (3)
    - IND/SUST326 Green Buildings (3)
    - IND/SUST338 Food & Agriculture Issues (3)

- Specialization: 30 CREDITS
    - 18 credits must be completed at the 300-level or above.
    - 12 credits of specialization at any level. Courses must meet Liberal Arts and Science requirements.
    - Area of specialization will be based upon the student's interests and courses will be selected in consultation with and approval of the Sustainability Department Chairperson. For students in Double-Up programs (Paralegal Studies, Modern Languages, or Business), specialization courses are from the second major.

- CMP101 English Composition* (3)
- SOC224 Ethnicity, Race & Cultural Diversity* (3)
    - *Minimum Grade of 'C' required.
- Foreign Language Requirement (6)
    - Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.
- Choose one course from the following: HST230, HST324, IND120, PSC113, PSC114, PSC121, PSC125, PSC210, OR PSC231 (3)

2. General Education: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
    - Natural Science and Mathematics:

        - Statistics (Choose 1): MTH104 OR NSC310 (3)
        - ENS201 Introduction to Environmental Science (3)
    - Social Sciences:
        - Choose 1: ECO201, ECO202, ECO206, ECO213, ECO343 (3)
        - Choose one course from: Anthropology, Economics, Geography, History, Linguistics, Political Science, Psychology, and Sociology. (3)
    - Humanities:
        - CMP311 OR CMP315 (3)
        - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

3. Free Electives and International Experience: 9 CREDITS

- Service Learning (3)
- Free Electives (6)
    - A maximum of 6 credits may be taken in Sustainability courses.
- **International Experience:** Students are required to complete one or more community-based international experiences subject to the approval of the Department Chairperson. The experience(s) may include internships, additional language studies, pre-approved studies taken elsewhere. The experience(s) may or may not result in credit earned.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Requirements for **Admission; Admission to Upper Division; Graduation** – consult the Sustainability section of the catalog or the Program Plans site on the Registrar's web page.

Suggested Course Sequence

Access the course sequence for the **BA, Global and Local Sustainability**, from the Sustainability web page or the Program Plans site on the Registrar's web page.

Global & Local Sustainability Minor

Requirements (18 Credits)

- SELECT ONE (3 CREDITS):
  - BIO302 Ecology (3)
  - ENS201 Introduction to Environmental Science (3)
  - ENS304 Environmental Chemistry (3)
- SELECT ONE (3 CREDITS):
  - ECO201 Principles of Microeconomics (3)
  - ECO202 Principles of Macroeconomics (3)
  - ECO206 The Economics of Sustainable Development (3)
  - ECO213 Economics of Inequality (3)
  - ECO343 Global Economic Geography (3)
- SELECT ONE (3 CREDITS):
  - HP/IND250 Introduction to Historic Preservation (3)
  - HST230 Problems of the Third World (3)
  - HST324 Global Environmental History (3)
  - IND120 Introduction to Global Studies (3)
  - PSC113 American Politics (3)
  - PSC114 State & Local Government (3)
  - PSC121 International Relations (3)
  - PSC125 Introduction to Public Policy (3)
  - PSC210 The Politics of Globalization (3)
  - PSC231 International Organizations and Global Governance (3)
- SELECT THREE (9 CREDITS):
  - IND/SUST123 Introduction to Sustainable Communities (3)
  - ART 348 Seminar and Practice in Graphic Design (3)
  - BIO/SUST304 Conservation Biology (3)
  - ENS/SUST310 Global Water Issues (3)
  - HPR308 Environmental Health (3)
  - HPR335 Critical Issues in Global Health (3)
  - IND/SUST322 Alternative and Renewable Energy Issues (3)
  - IND/SUST326 Green Buildings (3)
  - IND/SUST338 Food & Agriculture Issues (3)
  - IND/SUST344 Sustainable Business Practices (3)
  - IND/SUST351 Urban Planning & Community Development (3)

Sustainability

SUST 123: Introduction to Sustainable Communities

3 Credit Hour(s)

Cross-listed as IND 123. Fulfills core competencies: Contextual Integration; Critical Thinking and Problem Solving. Students will be introduced to economic, environmental and social sustainability, and evaluate local communities using sustainable criteria. Research will be reviewed on model sustainable communities: locally, nationally and internationally. Students will visit representative sites in Buffalo and participate in community meetings and lectures. (UG)

SUST 140: Sustainability Design Seminar I

3 Credit Hour(s)

First of annual seminars taken by students in the Global and Local Sustainability major. The seminar introduces students to the process of approaching community problems as a team to seek sustainable solutions. From identifying the problems through community conversations to communicating possible solutions, seminar students will apply the sustainable design process to real-world issues. The first seminar will introduce the design process to identifying community problems and developing their solutions. Seminar projects will typically address campus-wide problems or work within a community in the City of Buffalo. Some field trips will be scheduled outside of class meeting time. Prerequisite: Enrollment in Global and Local Sustainability major or permission of the instructor. (UG)

SUST 240: Sustainability Design Seminar II

3 Credit Hour(s)

Second in annual seminars taken by students in the Global and Local Sustainability major. The seminar introduces students to the process of approaching community problems as a team to seek sustainable solutions. From identifying the problems through community conversations to communicating possible solutions, seminar students will apply the sustainable design process to real-world issues. This second seminar will introduce research methods appropriate for community assessment. Seminar projects will typically address campus-wide problems or work within a community in the City of Buffalo. Some field trips will be scheduled outside of class meeting time. Prerequisite: SUST 140 or permission of the instructor. (UG)

SUST 304: Conservation Biology

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration;Civic Responsibility; Moral and Ethical Discernment. Writing Intensive. Cross-listed as BIO 304. An interdisciplinary science course that combines theory and applied research to address the problems of widespread loss of biological and genetic diversity. Prerequisite: BIO 110, and CMP 101. Lecture, 3 hours. (UG) (UG)

SUST 310: Global Water Issues

3 Credit Hour(s)

Cross-listed as ENS 310. Fulfills core competencies: Information Literacy; Contextual Integration. This course investigates the environmental, technological and health-related issues associated with the availability and quality of water worldwide. Case studies of global water problems will incorporate the role of socioeconomic and political issues. Prerequisite: BIO 100 or BIO 110 or ENS 201, or Permission of Instructor. (UG)

SUST 322: Alternative and Renewable Energy Issues

3 Credit Hour(s)

Cross-listed as IND 322. Fulfills core competencies: Contextual Integration; Critical Thinking & Creative Problem Solving. This course will introduce students to the history of energy use, current sources of energy used worldwide, energy technologies including those under development, as well as discuss the role of governmental policies and funding in energy use and technological development. (UG)

SUST 326: Green Buildings

3 Credit Hour(s)

Cross-listed as IND 326. Fulfills core competencies: Contextual Integration; Critical Thinking and Problem Solving; Affective Awareness. This course is designed to introduce students to the concepts of green building design through the use of Daemen's buildings as experimental laboratories. The US Green Building Council's Leadership in Energy and Environmental Design (LEED) certification system will be used as a guide to investigate and discuss construction site selection and protection, building energy-efficient features, water conservation strategies, indoor environmental quality and materials and resources used in buildings. (UG)

SUST 338: Food and Agriculture Issues

3 Credit Hour(s)

Cross-listed as IND 338. Fulfills core competency: Contextual Integration. The course integrates the science associated with food production with the social, political and economic issues influencing agriculture, food processing, distribution and access, safety and policy. Current and future use of sustainable practices in agriculture, labor and immigration issues and global food distribution will be discussed. (UG)

SUST 340: Sustainability Design Seminar III

3 Credit Hour(s)

Third in annual seminars taken by students in the Global and Local Sustainability major. The seminar introduces students to the process of approaching community problems as a team to seek sustainable solutions. From identifying the problems through community conversations to communicating possible solutions, seminar students will apply the sustainable design process to real-world issues. This third seminar will emphasize qualitative and quantitative methods in data analysis, oral and visual presentation, peer critique, and communication styles for different audiences. Seminar projects will typically address campus-wide problems or work within a community in the City of Buffalo. Some field trips will be scheduled outside of class meeting time. Prerequisite: SUST 240 or permission of the instructor. (UG)

SUST 344: Sustainable Business Practices

3 Credit Hour(s)

Fulfills core competency: Contextual Integration; Moral and Ethical Discernment. Cross-listed as IND 344 and BA 344. This course will introduce the concepts of sustainable business practices and corporate social responsibility. Sustainable business is a paradigm shift from a management style of maximizing profit at any cost. Sustainable business aims to restore and maintain environmental quality and develop social equity, while pursuing long term profitability. Prerequisites: Sophomore status or permission of instructor. (UG)

SUST 351: Urban Planning and Community Development

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Civic Responsibility. Cross-listed as IND 351. This course will introduce the theories of urban design, history of urban development, decline and rebirth, and the roles that all stakeholders play in developing sustainable communities. Prerequisites: Sophomore status. (UG)

SUST 440: Sustainability Design Seminar IV

3 Credit Hour(s)

Fourth in annual seminars taken by students in the Global and Local Sustainability major. The seminar introduces students to the process of approaching community problems as a team to seek sustainable solutions. From identifying the problems through community conversations to communicating possible solutions, seminar students will apply the sustainable design process to real-world issues. This fourth seminar will emphasize leadership skills in facilitating community change. Seminar projects will typically address campus-wide problems or work within a community in the City of Buffalo. Some field trips will be scheduled outside of class meeting time. Prerequisite: SUST 340 or permission of the instructor. (UG)

SUST 443: Capstone Research in Sustainability

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Fulfills Research and Presentation requirement. Writing Intensive. WIN 3. In this capstone course, students complete research on an approved topic under the direction of faculty members and generate a thesis that synthesizes research from appropriate primary and secondary sources using appropriate assessment methods to evaluate their research. Students are required to present their research orally, in a forum selected by the course instructor(s). Prerequisites: Registration is limited to Global & Local Sustainability majors. Upper division status in the Sustainability department, SUST 340 and concurrent registration in SUST 440. (UG)

Health Promotion

Contact Information

phone: (716) 566-7841
daemen.edu/healthpromotion

Chair

Stephanie Malinenko
(716) 566-7841

Degrees Offered

- **Bachelor of Science in Health Promotion**
- **Bachelor of Science in Health, Wellness, and Fitness Management**
- **Bachelor of Science Health Promotion/Master in Public Health**

Minors:

- **Community Health Promotion**

Program Mission and Description

The Health Promotion department has as its primary educational mission to ensure that our graduates have a life-long commitment to promoting health and wellness in diverse communities with an integrative approach to healthcare and disease prevention.

The B.S. in Health Promotion degree program provides a combination of contemporary studies in health-related areas, comprehensive liberal arts, and foundational behavioral, social, and natural science course work directed toward the development of a graduate committed to healthcare, prevention and wellness, and health management through lifelong personal and professional growth. Students select coursework within each of these core areas that will meet their desired career goals with professional training concentrations available in Community Health or Health and Fitness. This multi-faceted Bachelor of Science program provides students with a strong background in physiological, psychological, sociological, behavioral, and business aspects of health and healthcare. Students learn through service and the program culminates in a professional development course or internship in their particular area of interest. The Bachelor of Science in Health Promotion may also be completed as a combined degree with the Master of Public Health (specialization in Community Health). Students who qualify for this program will complete specializations within the Health Promotion program before moving on to the graduate program. See the **Public Health** section of the Graduate Catalog for program details.

The B.S. in Health, Wellness, and Fitness Management degree program combines hands-on health and fitness coursework with 21 credits of business courses to give students a firm foundation in health and fitness management. Students have multiple opportunities to practice their skills both in the classroom as well as in a community-based internship. Graduates leave with a strong background in the physiological, behavioral, and sociological issues related to health and prevention of disease/injury, as well as the business acumen needed to manage wellness and fitness programs in a variety of settings.

Student Learning Objectives
Upon completion of the program students will be able to:

1. Theoretical Foundations
   a. Identify critical behavioral theories, models, and principles, and apply them to health promotion, wellness, and/or the prevention of injury and disease.
   b. Identify the social determinants and influencers of health.

2. Content Knowledge
   a. Apply principles of social and natural sciences to health promotion, health management, or the prevention of disease or injury.
   b. Explain the intersectionality of environmental, social, economic, behavioral, biological, and political factors influencing health and identify factors for change.

3. Practical Skills

a. Identify and use scholarly evidence to synthesize and analyze health-related issues.

b. Demonstrate ability in communicating discipline-specific knowledge and research findings both orally and in writing.

c. Demonstrate ability in working with others as a member of a team to produce and deliver quality projects.

d. Specific to Health & Fitness: Demonstrate competence in assessing movement, performance, and physical fitness and use that information to create appropriate exercise plans for a variety of populations.

4. Professional Development

a. Promote health equity across diverse populations.

b. Identify ethical principles that guide health promotion practice.

c. As available, apply knowledge, skills, and professional behaviors in a community-based internship or similar experience in an appropriate health-related setting.

Bachelor of Science in Health Promotion

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

Health Promotion Specializations

Students will **SELECT ONE** specialization: Community Health OR Health and Fitness

NOTE: Students pursuing the Health and Fitness Specialization are required to complete 8 credits in anatomy and physiology. Students pursuing other tracks within the Community Health Specialization may select anatomy and physiology as part of their specialization if they choose to do so.

Health Promotion: Community Health

1. Major: 76 CREDITS

Complete the following with a C or better:

- Chemistry – **Select One (3-4):**
  - CHE101 General Chemistry (3) **OR**
  - CHE110 Chemistry I Lecture (4)
    - **NOTE:** If CHE110 is selected, free electives are adjusted/decreased by 1 credit
- HPR102 Introduction to Health Care: Systems and Professions (3)
- HPR208 Health Promotion and Education (3)
- HPR218 Nutrition for Wellness & Performance (3)
- HPR229 Integrative Stress Management (3)
- HPR234 Foundations of Public Health (3)
- HPR291 Professional Development (1)
  - **NOTE:** CFE97 is the co-requisite to HPR291
- HPR305 Communicating Health (3)
- HPR311 Non-Profit Management (3)
- HPR313 Principles of Health Behavior Change (3)
- HPR314 Health Policy **OR** PAR247 Health Law & Policy (3)
- HPR320 Community Health Education & Disease Prevention (3)
- HPR330 Program Planning (3)
- HPR338 Social Determinants of Health (3)
- HPR353 Introduction to Epidemiology (3)
- HPR415 Health Research Design and Methodology (3)
- NSC203 Health Statistics (3)
- Communications (3) *(This does not require min. grade C)*
  - **Select One:** CMP212, CMP217, CMP301, CMP317, CMP318
- Service Learning (3) *(This does not require min. grade C)*
- CMP101 Composition (3)
- 18 credits of Community Health Electives (see list below)

Community Health Electives

Choose 9 credits:

- CFE Career Field Experience, Internship (3)
- HPR104 Introduction to Mindfulness (1)
- HPR105 Introduction to Weight Training (1)
- HPR200 Emergency Care and Prevention (3)
- HPR213 Foundations of Yoga (2)
- HPR219 Health Systems Management (3)
- HPR308 Environmental Health (3)
- HPR335 Global Health (3)
- HPR352 Grant Writing (3)

Choose an additional 9 credits:

*Courses can be chosen from the above 'Community Health Electives' list.

- ACC224 Financial Accounting (3)
- BA211 Effective Business Communications (3)

- BA350 Business Law I (3)
- BIO117 Human Nutrition (3)
- BIO207/L Anatomy & Physiology I (4/0)
- BIO208/L Anatomy & Physiology II (4/0)
- BIO330/L General Anatomy (4/0)
- BIO340/L General Physiology (4/0)
- HSC112 Health Promotion Across the Lifespan (3)
- HSC221 Issues in Women's Health (3)
- HSC233 Herbs, Drugs, Supplements, and the Body (3)
- IND338/SUST338 Food and Agriculture Issues (3)
- IND351/SUST351 Urban Planning and Community Development (3)
- MGT208 Principles of Management (3)
- MGT260 Introduction to Sport Management (3)
- MKT209 Principles of Marketing (3)
- NUR222/PHI222 Healing, Holism & Spirituality in Health Care (3)
- NUR316 Holistic Perspectives (3)
- PHI321 Medical Ethics (3)
- PSC214 Introduction to Refugee Studies (3)
- PSY210 Social Psychology (3)
- PSY215 Cognitive Psychology (3)
- PSY219 Psychology of Mental Illness (3)
- PSY220 Life Span Development (3)
- PSY304 Counseling and Interviewing (3)
- PSY314 Theories of Personality (3)
- PSY380 Drugs and Behavior (3)
- SOC201 Introductory Sociology (3)
- SOC209 Social Problems (3)
- SOC217/SW217 Alcoholism, Substance Abuses & Other Addictions (3)
- SOC224 Ethnicity, Race & Cultural Diversity (3)
- SOC232/SW232 The Aging Process: An Introduction to Gerontology (3)
- SOC243/SW243 Child Welfare Policy & Services (3)
- SOC303 Sociology of the Family (3)
- SOC327/SW327 Death, Dying, and Bereavement (3)
- SOC328 Basic Training in Military Culture (3)
- SPA110 Spanish for Health Professionals (3)
- SPA210 Advanced Spanish for the Health Professional (3)
- SUST310/ENS310 Global Water Issues (3)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - MTH124 College Algebra (3)*
        - BIO103 Human Biology (3) **OR** BIO109/BIO109L General Biology I Lecture/Lab (3/1)*
            - **NOTE:** If BIO109/BIO109L is selected, free electives are adjusted/decreased by 1 credit
    - Social Sciences:
        - PSY103 Intro to Psychological Science (3)*
        - Choose one course from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (3)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

    *Minimum grade of C or better required.

4. Free Electives: 8 CREDITS

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Health Promotion: Health & Fitness

1. Major: 75 CREDITS

Complete the following with a C or better:

- BIO207/L-208/L Anatomy & Physiology I-II (4/0-4/0) or BIO330/L-340/L General Anatomy/General Physiology (4/0-4/0)
    - NOTE: If you intend to pursue a graduate degree BIO-330/L and BIO-340/L are recommended
    - Chemistry – Select One (3-4):
        - CHE101 General Chemistry (3) OR
        - CHE110 Chemistry I Lecture (4)
            - NOTE: If CHE110 is selected, free electives are adjusted/decreased by 1 credit
- HPR102 Introduction to Health Care: Systems and Professions (3)
- HPR104 Introduction to Mindfulness (1)
- HPR200 Emergency Care and Prevention (3)
- HPR208 Health Promotion and Education (3)
- HPR213 Foundations of Yoga (2)
- HPR218 Nutrition for Wellness & Performance (3)
- HPR223 Foundations of Human Motion (3)
- HPR234 Foundations of Public Health (3)
- HPR291 Professional Development (1)
    - NOTE: CFE97 is the co-requisite to HPR291
- HPR313 Principles of Health Behavior Change (3)
- HPR320 Community Health Education & Disease Prevention (3)
- HPR332 Strength Training (3)
- HPR338 Social Determinants of Health (3)
- HPR350 Fitness Testing and Programming (3)
- HPR353 Introduction to Epidemiology (3)
- HPR415 Health Research Design and Methodology (3)
- NSC203 Health Statistics (3)
- Communications (3) *(This does not require min. grade C)*
    - Select One: CMP212, CMP217, CMP301, CMP317, CMP318
- Service Learning (3) *(This does not require min. grade C)*
- CMP101 Composition (3)
- 9 credits of Health & Fitness Electives (see list below)

Choose 9 credits:

- CFE401/CFE402 Career Field experience (Internship) (3)
- ENTR201 The Entrepreneurial Mindset (3)
- ENTR301 The Entrepreneurial Skill Set (3)
- HPR214 Foundations of Tai Chi (1)
- HPR229 Integrative Stress Management (3)
- HPR330 Health Promotion Program Planning, Implementation, and Evaluation (3)
- MGT260 Introduction to Sport Management (3)
- PSY220 Life Span Development (3)
- PSY304 Counseling and Interviewing (3)
- PSY308 Health Psychology (3)

General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - MTH124 College Algebra (3)*
        - BIO103 Human Biology (3) OR BIO109 General Biology I Lecture (3) OR BIO109/Lab (3/1)*
            - NOTE: If BIO109/BIO109L is selected, free electives are adjusted/decreased by 1 credit
    - Social Sciences:
        - PSY103 Intro to Psychological Science (3)*
        - Choose one course from: Anthropology, Economics, Geography, History, Psychology,

Linguistics, Political Science, and Sociology. (3)
- Humanities:
  - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)
- *Minimum grade of C or better required.

Free Electives: 9 CREDITS

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Admission to Upper Division Requirements

1. Students must successfully complete Biology and Chemistry, Service Learning, CMP101, MTH124 (or equivalent), PSY103, HPR102, HPR208, and HPR320, with a grade of C or higher before advancing.
2. Students must achieve a grade of C or higher in all courses in the Health Promotion portion of the curriculum, including Major requirements and Specialization. Students may not have any courses in this area that need to be retaken in order to earn the minimum grade of C or better.
3. A cumulative grade point average (GPA) of 2.00.

Graduation Requirements

1. A minimum grade of C or higher in all courses in the Health Promotion portion of the curriculum, including all courses in the Major and the Specialization, and the required BIO, MTH124, and PSY103 courses in gen ed."
2. A cumulative grade point average (GPA) of 2.00.

Suggested Course Sequence

Access the suggested course sequence for the **BS, Health Promotion- Community Health** or **BS, Health Promotion-Health & Fitness**, from the Health Promotion Department web page or from the Program Plans site on the Registrar's web page.

Bachelor of Science in Health, Wellness, and Fitness Management

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

Health, Wellness, and Fitness Management

1. Major: 75 CREDITS

Complete the following with a C or better:

- BIO207/L Anatomy & Physiology I (4/0)
- BIO208/L Anatomy & Physiology II (4/0)
- HPR102 Introduction to Health Care: Systems and Professions (3)
- HPR200 Emergency Care and Prevention (3)
- HPR208 Health Promotion and Education (3)
- HPR218 Nutrition for Wellness & Performance (3)
- HPR223 Foundations of Human Motion (3)
- HPR291 Professional Development (1)
    - NOTE: CFE97 is the co-requisite to HPR291
- HPR313 Principles of Health Behavior Change (3)
- HPR314 Health Policy (3)
- HPR332 Strength Training (3)
- HPR338 Social Determinants of Health (3)
- HPR350 Fitness Testing and Programming (3)
- **Choose one of the following**:
    - HPR229 Integrative Stress Management (3)
    - HPR305 Communicating Health (3)
    - HPR330 Health Promotion Program Planning, Implementation, and Evaluation (3)
- ACC225 Financial Accounting (3)
- BA211 Effective Business Communications (3)
- ECO202 Principles of Macroeconomics (3)
- MGT208 Principles of Management (3)
- MGT312 Human Resource Management (3)
- MGT321 Organizational Behavior & Theory (3)
- MKT209 Principles of Marketing (3)
- Communications (3) *(This does not require min. grade C)*
    - Select One: CMP212, CMP217, CMP301, CMP317, CMP318
- HPR309 Community Health Nutrition (3)
- CMP311 Advanced Composition (3)
- CMP101 Composition (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - MTH124 College Algebra (3)*
        - BIO103 Human Biology (3) OR BIO109 General Biology I Lecture (3) OR BIO109/Lab (3/1)*
            - NOTE: If BIO109/BIO109L is selected, free electives are adjusted/decreased by 1 credit
    - Social Sciences:
        - PSY103 Intro to Psychological Science (3)*
        - Choose one course from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (3)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

- *Minimum grade of C or better required.

3. Free Electives: 9 CREDITS

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Admission to Upper Division Requirements

1. Students must successfully complete Biology, CMP101, MTH124 (or equivalent), PSY103, HPR102, HPR208, and HPR218, with a grade of C or higher before advancing.
2. Students must achieve a grade of C or higher in all courses in the major, unless otherwise noted.
3. A cumulative grade point average (GPA) of 2.00.

Graduation Requirements

1. A minimum grade of C or higher in all courses in the Major portion of the curriculum and the required Biology, CMP101, MTH124 (or equivalent), and PSY103 courses in the General Education.
2. A cumulative grade point average (GPA) of 2.00.

Suggested Course Sequence

Access the suggested course sequence for the **BS, Health, Wellness, and Fitness Management**, from the Health Promotion Department web page or from the Program Plans site on the Registrar's web page.

Bachelor of Science in Health Promotion/Master of Public Health

General Education Program

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

This program allows students to obtain both a Bachelor of Science in Health Promotion and a Master in Public Health at Daemen in five years. The BS portion of the program incorporates five MPH courses. By successfully completing all the requirements detailed below, a student can receive a BS in four years at Daemen and an MPH after the fifth year.

BS Health Promotion/MPH Curriculum: Community Health Principles Track (BS Portion)

Health Promotion: Community Health

1. Major: 76 CREDITS

Complete the following with a C or better:

- Chemistry – **Select One (3-4):**
  - CHE101 General Chemistry (3) **OR**
  - CHE110 Chemistry I Lecture (4)
    - **NOTE:** If CHE110 is selected, free electives are adjusted/decreased by 1 credit
- HPR102 Introduction to Health Care: Systems and Professions (3)
- HPR208 Health Promotion and Education (3)
- HPR218 Nutrition for Wellness & Performance (3)
- HPR229 Integrative Stress Management (3)
- HPR234 Foundations of Public Health (3)
- HPR291 Professional Development (1)
  - **NOTE:** CFE97 is the co-requisite to HPR291
- HPR305 Communicating Health (3)
- HPR311 Non-Profit Management (3)
- HPR314 Health Policy **OR** PAR247 Health Law & Policy (3)
- HPR320 Community Health Education & Disease Prevention (3)
- HPR330 Program Planning (3)
- HPR338 Social Determinants of Health (3)
- HPR415 Health Research Design and Methodology (3)
- NSC203 Health Statistics (3)
- PH500 Epidemiology (3)
- PH510 Psychosocial and Behavioral Foundations of Public Health (3)
- Communications (3) *(This does not require min. grade C)*
  - **Select One:** CMP212, CMP217, CMP301, CMP317, CMP318
- Service Learning (3) *(This does not require min. grade C)*
- CMP101 Composition (3)
- 18 credits of Community Health Electives (see list below)

Community Health Electives

Take 9 credits:

- PH530 Environmental Health (3)
- PH585 Trauma-Informed Approach to Health (3)
- PH595 Cultural Competence/Health Disparity (3)

Choose an additional 9 credits:

- ACC224 Financial Accounting (3)
- BA211 Effective Business Communications (3)
- BA350 Business Law I (3)
- BIO117 Human Nutrition (3)
- BIO207/L Anatomy & Physiology I (4/0)
- BIO208/L Anatomy & Physiology II (4/0)
- BIO330/L General Anatomy (4/0)
- BIO340/L General Physiology (4/0)

- CFE Career Field Experience, Internship (3)
- HPR104 Introduction to Mindfulness (1)
- HPR105 Introduction to Weight Training (1)
- HPR200 CPR and Emergency Health Care (2)
- HPR213 Foundations of Yoga (2)
- HPR219 Health Systems Management (3)
- HPR308 Environmental Health (3)
- HPR335 Global Health (3)
- HPR352 Grant Writing (3)
- HSC112 Health Promotion Across the Lifespan (3)
- HSC221 Issues in Women's Health (3)
- HSC233 Herbs, Drugs, Supplements, and the Body (3)
- IND338/SUST338 Food and Agriculture Issues (3)
- IND351/SUST351 Urban Planning and Community Development (3)
- MGT208 Principles of Management (3)
- MGT260 Introduction to Sport Management (3)
- MKT209 Principles of Marketing (3)
- NUR222/PHI222 Healing, Holism & Spirituality in Health Care (3)
- NUR316 Holistic Perspectives (3)
- PHI321 Medical Ethics (3)
- PSC214 Introduction to Refugee Studies (3)
- PSY210 Social Psychology (3)
- PSY215 Cognitive Psychology (3)
- PSY219 Psychology of Mental Illness (3)
- PSY220 Life Span Development (3)
- PSY304 Counseling and Interviewing (3)
- PSY314 Theories of Personality (3)
- PSY380 Drugs and Behavior (3)
- SOC201 Introductory Sociology (3)
- SOC209 Social Problems (3)
- SOC217/SW217 Alcoholism, Substance Abuses & Other Addictions (3)
- SOC224 Ethnicity, Race & Cultural Diversity (3)
- SOC232/SW232 The Aging Process: An Introduction to Gerontology (3)
- SOC243/SW243 Child Welfare Policy & Services (3)
- SOC303 Sociology of the Family (3)
- SOC327/SW327 Death, Dying, and Bereavement (3)
- SOC328 Basic Training in Military Culture (3)
- SPA110 Spanish for Health Professionals (3)
- SPA210 Advanced Spanish for the Health Professional (3)
- SUST310/ENS310 Global Water Issues (3)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - MTH124 College Algebra (3)*
        - BIO103 Human Biology (3) **OR** BIO109/BIO109L General Biology I Lecture/Lab (3/1)*
            - **NOTE:** If BIO109/BIO109L is selected, free electives are adjusted/decreased by 1 credit
    - Social Sciences:
        - PSY103 Intro to Psychological Science (3)*
        - Choose one course from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (3)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

*Minimum grade of C or better required.

4. Free Electives: 8 CREDITS

TOTAL REQUIREMENTS FOR THE BS PORTION OF THE CURRICULUM = 120 CREDITS

Requirements for the MPH Portion of the BS Health

Promotion/MPH Curriculum

NOTE: Some courses listed in the direct entry MPH will be taken concurrently with BS studies. They are listed above.

Required Courses (14 credits)

- PH520 Research Methods in Health Promotion (3)
- PH540/L Public Health Biostatistics Lecture and Lab (3/2)
- PH550 Public Health Policy, Administration, and Management (3)
- PH590 Foundations of Public Health Ethics and Advocacy (3)

Required Focus Courses (9 credits)

Select two skill-based electives (6 credits):

- PH512 Public Health Nutrition (3)
- PH563 Program Planning & Evaluation (3)
- PH570 Advanced Quantitative Analysis (3)
- PH583 Project Management and Leadership in Public Health (3)
- PH586 Qualitative Methods (3)
- PH589 Grant Writing and Scholarship Dissemination (3)

Select one top-based Elective (3 credits):

- PH542 Public Health Law (3)
- PH560 Community Health Education (3)
- PH568 Advanced Epidemiology (3)
- PH572 Chronic Disease (3)
- PH574 Infectious Disease Epidemiology (3)
- PH580 Perinatal/Perinatal/Reproductive (3)
- PH591 Global Health Policy (3)
    - Note: May choose another Public Health course application from a different department with Department Chair approval.

Practicum (3 credits)

Under the direction of a faculty advisor, students complete a practicum in order to apply and to further develop their academic skills. Each practicum requires a minimum of 240 hours of documented work and a minimum number of designated weeks at the practicum site. In line with the service learning focus of Daemen University, the practicum, is a concerted effort to integrate classroom learning, community, and service, providing students an opportunity to work alongside members of and in service to the community, and to begin creating a network of colleagues outside of the University.

- PH600 Practicum (3)

Capstone Seminar (1 credit) and Capstone Project (3 credits)

The capstone seminar (PH610) provides a supportive setting to help prepare students to identify and plan for their capstone project. The capstone project is a culminating experience that provides students the opportunity to synthesize, integrate, and apply their curricular knowledge to a significant public health problem, and like the practicum, is completed in collaboration with a community partner.

- PH610 Capstone Seminar (1)
- PH620 Capstone (3)

TOTAL PROGRAM REQUIREMENTS FOR MPH PORTION= 30 CREDITS

TOTAL PROGRAM REQUIREMENTS: BS (120); MPH (30) = 150 CREDITS

Program Structure

1. This program leads to multiple degrees. Degrees are conferred separately: the BS, upon completion of all baccalaureate requirements; the

MPH upon completion of the entire BS and MPH requirements.
2. Prior to the start of the Professional phase (Year 4) of the program, all course work referenced in the first 3 years must be completed in full.

Admission to Upper Division Requirements/ Professional Phase begins at the end of 3rd year.

1. A cumulative grade point average (GPA) minimum of 3.0.
2. Students must successfully complete Biology and Chemistry, Service Learning, CMP101, MTH124 (or equivalent), NSC203, HPR102, HPR208 and HPR320, with a grade of C or higher before advancing.
3. Students must achieve a grade of C or higher in all courses in the Health Promotion portion of the curriculum, including departmental requirements in the Major and Specialization. Students may not have any courses in this area which need to be retaken in order to earn the minimum grade of C or better.
4. GRE is waived.

Requirements During the 4th Year

1. Students must receive a B- or higher in all PH courses and a C or higher in HPR415 during the 4th year, and maintain a minimum cumulative grade point average (GPA) of 3.0 in order to progress to the 5th year and official entry into the MPH program. Students who do not achieve these requirements during the fourth year will not be permitted to continue to the 5th year of study and official entry into the MPH program. However, a grade of C or higher in PH courses will still apply to complete requirements for the BS Health Promotion degree. Upon completion of the BS Health Promotion or other selected degree, a student may then re-apply to the MPH program as a direct entry student and would need to retake any necessary courses and meet all MPH course grade requirements.

Graduation Requirements

1. A minimum grade of C or higher in all courses in BS Health Promotion portion of the curriculum. This includes all courses in the Major and the Specialization.
2. A minimum grade of B- or higher in all PH courses and cumulative GPA of 3.0 during the 4th year.
3. In the 5th year, while officially in the MPH program, a minimum grade of B- in all courses and an overall minimum cumulative grade point average (GPA) of 3.00. Refer to **Course Repeats, Probation, and Dismissal** in the Master of Public Health section of the Graduate Catalog for academic policies during year 5 of study.

Suggested Course Sequence

Access the suggested course sequence for the **BS/MPH**, Health Promotion Community Health Specialization/Master of Public Health.

Community Health Promotion Minor

Requirements (15 credits)

Complete each of the following (6 credits):

- HPR234 Foundations of Public Health (3)
- HPR 338 Social Determinants of Health (3)

Select 3 credits from the following courses:

- HPR 229 Integrative Stress Management (3)
- HPR 305 Communicating Health (non GE) (3)
- HPR 308 Environmental Health (3)
- HPR 313 Principles of Health Behavior Change (3)
- HPR 320 Community Health Education and Disease Prevention (3)
- HPR 335 Critical Issues in Global Health (3)

Select 6 credits from the following courses. Courses must be selected from two of the four disciplines:

Health Science

- HSC 112 Health Promotion Across the Lifespan (3)
- HSC 221 Issues in Women's Health (3)

Philosophy and Religious Studies

- PHI 102 Medicine, Culture and Self (3)
- PHI 321 Medical Ethics (3)

Psychological Science

- PSY 103 Intro to Psychological Science (3)
- PSY 308 Health Psychology (3)

Sociology

- SOC 201 Intro to Sociology (3)
- SOC 209 Social Problems (3)

NOTE: Additional studies may be acceptable with the authorization of the Health Promotion Chairperson.

Health Promotion

HPR 102: Introduction to Health Care: Systems & Professions

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course explores the current health care system with an emphasis on health care professions, and provides students with an understanding of the major tenets of the health care system and the scope of practice in each of the health professions. The desired skills of health care professionals and the contributions of these professions will be investigated. A review of educational preparation and practice requirements for each of the health careers will be explored to assist students in further delineating their own educational and career goals. The course will also provide opportunity for students to appropriately explore the current databases and literature and engage in discussions on the ethics and current events of healthcare. (UG)

HPR 104: Introduction to Mindfulness

1 Credit Hour(s)

This course focuses on daily mindfulness practice to reduce stress, balance emotions, improve concentration and benefit overall health and wellness. Mindfulness includes the use of techniques such as meditation, breath work and other self-paced daily activities that bring awareness to our present self. This class will explore the historical foundations of mindfulness as well as the current research that highlights the benefits of this practice, and its use in multiple professions and health care establishments today. *The mindfulness activities in this course are of non-religious practice (UG)

HPR 105: Introduction to Weight Training

1 Credit Hour(s)

This course introduces the student to the weight room environment. Specific instructions will be given on how to use resistance training equipment such as free weights, machines, and adjunct equipment to exercise and train the major muscle groups of the body to attain a higher fitness level. Basic concepts will be presented to allow the student to apply the knowledge gained in the course to their personal training goals. No prior exercise experience is necessary; this course is designed for the beginner. (UG)

HPR 200: Emergency Care and Prevention

3 Credit Hour(s)

This course focuses on first aid care and prevention for life-threatening and non-life-threatening emergencies such as choking, cardiac arrest, sudden illness emergencies, injury emergencies, and environmental emergencies incurred during every day, work, and recreational activities. Content will also address the concept of duty to act, disease transmission/prevention, personal protective strategies, and blood borne pathogen training. Successful completion by the student is required for eligibility for CPR/AED and First Aid Certifications. (UG)

HPR 208: Health Promotion and Education

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Through this course students will explore concepts and models of health and wellness, health promotion and health education. This course will review the history and profession of health promotion and education, the development of health education materials, learning theories, and will explore health related programs and initiatives in school, clinical, government and corporate settings. Strategies and implementation tactics will be discussed for successful development and delivery of health and wellness programs to address community and individual needs. Offered Each Year (Spring). (UG)

HPR 213: Foundations of Yoga

2 Credit Hour(s)

Fulfills core competency: Affective Awareness. This class will provide an introduction to the practice of Hatha Yoga. The origins, postures, stretches, and breathing techniques aimed at spiritual and physical well-being will be discussed and practiced along with an overview of scientific inquiry regarding performance effects on the physical body and mind as it relates to health. Specific instruction regarding the performance of basic techniques to balance and liberate an individual's natural flow of energy or prana will be offered in a lab setting. (UG)

HPR 216: Sexual Health Education

3 Credit Hour(s)

This course explores a multitude of concepts related to the theory, practice and teaching of sexual health education at a community level. The course includes comprehensive coverage of information and issues of human sexuality, those related to sexuality education, and an explanation and practice of educational skills necessary for skilled sexuality educators. (UG)

HPR 217: Introduction to Grants and Grant Writing

3 Credit Hour(s)

This course will introduce students to the wide variety of grant funding available. Students will learn about grant making organizations including private foundations as well as government agencies. Students will research various grant making organizations while learning how to properly align with program goals and objectives. Students will learn about the structure of grant writing and practice writing various components of grant proposal. Offered for BA Liberal Studies students only. (UG)

HPR 218: Nutrition for Wellness and Performance

3 Credit Hour(s)

This course will bridge the basic physiological processes of nutrition to its application in wellness and performance. This will include the identification of nutrients in foods, and the digestion, absorption, and impact of nutrients on the functioning of the body. Emphasis will be placed on the application of foundational nutritional knowledge for everyday nutritional planning consideration to promote health and wellness, and to fuel performance of activities across the lifespan. Topics will also include FDA/governmental policy, glycemic index, nutrient timing, food allergies, basic dietary analysis, weight management, supplementation, special dietary topics, social determinants and community health considerations, and the role nutrition can play in disease. (UG)

HPR 219: Introduction to Health Systems Management

3 Credit Hour(s)

Cross listed as MGT 219.An introduction to the structure and function of the health care delivery system. Includes basic concepts and measures of health, disease, quality, values, needs, and utilization; issues in health care workforce, institution, and system organization; general issues in policy, reimbursement, and regulation; and broad community and organizational considerations in health. (UG)

HPR 223: Foundations of Human Motion

3 Credit Hour(s)

This course will cover the foundational aspects of human movement including fundamental musculoskeletal anatomy, biomechanical principles, and kinesiology. Classroom experiences will promote the development of knowledge critical to the understanding of human movement for careers centered in fitness, wellness, prevention of injury, and promotion of function. Prerequisite: BIO 103, or BIO 109, or BIO 110, or BIO 207/208, or BIO 330. (UG)

HPR 229: Integrative Stress Management

3 Credit Hour(s)

Fulfills core competencies:Critical Thinking and Problem Solving. This course will introduce students to fundamental theories and approaches to a holistic, or wellness-based lifestyle. Current evidence on the physiological and psychological effects of stress, as well as stress management techniques, expressive therapies and coping strategies will be explored. This is an applied course in which students will actively engage in stress management exercises, relaxation techniques, self assessments, and personal behavior change projects related to disease prevention (UG)

HPR 234: Foundations of Public Health

3 Credit Hour(s)

This is an introductory course which explores the basic principles of public health, including the history, function and infrastructure of public health; biopsychosocial perspectives of public health problems; and legal and ethical considerations. (UG)

HPR 235: Bridging the Gap: An Intergenerational Program

3 Credit Hour(s)

This course meets the institutional service learning requirement. This companionship project allows for the enrichment of social and emotional well-being through the building of intergenerational relationships that close the gap in an age-segregated society. Together, students and residents of a local senior living center will engage in conversation to share worldviews and perspectives, and partake in activities to foster meaningful relationships, including a special legacy project. this person-centered, storytelling project will showcase the highlights of the resident's life and be captured in a short written book, video or art project. Opportunities will be created to share and learn from each others' journeys and life experiences, to break down age-related stereotypes and build an empathetic understanding of generational differences. (UG)

HPR 236: Discrimination Kills: How Racism Contributes to Health Inequities

3 Credit Hour(s)

This course will provide students with an understanding of how race and racism contribute to health inequities. Racism in both historic and contemporary contexts will be explored. Students will examine current research as well ethnographies and documentaries on the subject. (UG)

HPR 291: Professional Development

1 Credit Hour(s)

This course will provide students an opportunity to build their personal and professional skills and career readiness. An emphasis will be placed on preparing students for internship and professional opportunities, through career exploration and the development of positive personal habits, professional work ethics, communication and leadership skills with support from the Office of Career Services.This course is open to all majors. CFE 97 is a co-requisite. (UG)

HPR 301: Physiology of Exercise and Cardiopulmonary Assessment

3 Credit Hour(s)

This course focuses on the physiological responses of physical activity and exercise. The course explores the cardiovascular, respiratory, bioenergetic and metabolic systems as these systems adjust to demands of physical work at various durations and intensities. Factors such as age, gender, disease risk factors, sedentary and non-sedentary lifestyle, and habitual training will be considered as they relate to cardiovascular risk assessment and individual limitations to performance including possibilities for safely minimizing limitations and maximizing performance. Course includes laboratory experiences directed toward competence in graded exercise testing, exercise prescription, and exercise programming as applied to asymptomatic, apparently healthy individuals and prevention of cardiovascular, pulmonary, or metabolic diseases. Prerequisite: BIO 207/L and BIO 208/L or BIO 330/L and BIO 340/L. Corequisite: HPR 301L. (UG)

HPR 301L: Physiology of Exercise and Cardiopulmonary Assessment Laboratory

0 Credit Hour(s)

This course satisfies the laboratory requirement for HPR 301. (UG)

HPR 305: Communicating Health

3 Credit Hour(s)

This course will present fundamental models and theories of health communication to students interested in health promotion and education. Students will move through the steps of the health communication process, from planning to evaluation; will learn to assess an audience and create culturally appropriate materials; and will examine and critique existing health promotion materials, media, and campaigns. Contemporary research in the areas of intercultural communication, provider-patient-family communication, community mobilization, advocacy, social marketing and health technology will be explored. (UG)

HPR 308: Environmental Health

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course will provide an introduction to the public health function of environmental and occupational health. This course is intended to give students a basic understanding of how environmental factors impact the health of individuals and the community as a whole, and of the efforts made to prevent or minimize the effects of negative impacts. The emphasis of this course is to explore the relationship of people to their environment, how the environment affects individual health and how an individual affects the environment. Efforts and strategies to protect and enhance one's health and to influence the quality of the environment will be discussed. (UG)

HPR 311: Non Profit Management

3 Credit Hour(s)

Cross-listed as MGT 311. This course will explore the fundamentals of founding and leading a nonprofit organization. Learners will gain critical knowledge about the nonprofit sector, board leadership, fundraising, volunteer management, donor cultivation, and marketing. Nonprofit Management will help students understand the operations management, finances and development, laying a foundation for success in a variety of roles within a nonprofit organization. (UG)

HPR 313: Principles of Health Behavior Change

3 Credit Hour(s)

This course will focus on the theoretical background of health education, health promotion and disease prevention. Students will build critical thinking skills as they explore individual and social health behavior theories and their application to behavior change research and practice. (UG)

HPR 314: Health Policy

3 Credit Hour(s)

Cross-listed as BA 314. This course examines the policies of the current U.S. healthcare delivery system. The history and evolution of the U.S. health care infrastructure and recent policy changes The former and current service delivery structure will be outlined, as well as advancements, and gaps/limitations in the provisions and delivery of care. The types of health care facilities, services, agencies and personnel that constitute the US health care system and the response of the system to the changing health care needs of the population will be explored. Class discussions will be centered on: managing the increasing demands on the health care system by a rapidly growing population affected by the epidemic of multiple chronic diseases; balancing population-based health care needs while delivering high quality health care and improving access to health care services in a cost-containment environment. Social, political, economic, legal and ethical issues as they relate to health care policy will be discussed. (UG)

HPR 320: Community Health Education and Disease Prevention

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. The course identifies and explores infectious and non-infectious diseases in relationship to risk factors, populations at risk, and epidemiology. Etiology and mechanisms of injury and disease onset are presented with emphasis on principles and strategies for education, prevention and health maintenance. Medical and therapeutic interventions designed to address common injuries and infectious and non-infectious diseases will be discussed as they relate to community education, prevention and safety program development. (UG)

HPR 330: Health Promotion Program Planning, Implementation and Evaluation

3 Credit Hour(s)

This course will provide the knowledge and skills needed to plan, implement and evaluate health promotion programs in a variety of settings. Students will be introduced to concepts related to community needs assessment, data collection and measurement, intervention strategies, developing health education materials, evaluation techniques, acting as a health promotion/education resource person, and communication and coordination of health promotion programming. (UG)

HPR 332: Strength Training

3 Credit Hour(s)

In this course, students will learn about the principles of Strength Training. Content will focus on topics such muscular strength, power, and endurance, proper and safe exercise performance, program design variables, and exercise selection for specific body regions. Prerequisites: BIO 103, or BIO 109, or BIO 110, or BIO 207/208 (UG)

HPR 335: Critical Issues in Global Health

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. The course introduces the many contexts of global health. Critical issues to be explored include multiple determinants of health, the disparities and burden of disease experienced around the globe, particularly by such populations as women and children, the ethical dimensions related to these disparities, current health priorities, and the importance of global health in terms of development. The Sustainable Development Goals will be referred to as a standard for future goals on a global scale. (UG)

HPR 338: Social Determinants of Health

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. This course will provide students with an understanding of how social factors contribute to racial/ethnic, socioeconomic and gender disparities in health and health care. This course will explore the way the social environment and social behavior influence health. We will cover the most recent research findings in the area of social epidemiology and medical sociology and discuss and debate the causes and consequences of social inequalities in health. Students will gain experience in judging the sometimes conflicting evidence between claims and apply the body of literature to situations with which they are familiar and may have encountered in everyday life. Students will discuss the policy interventions that have been designed to address disparities in health and health care. (UG)

HPR 340: Musculoskeletal Fitness Assessment

3 Credit Hour(s)

This course is designed to prepare Health Care Studies students for a career in a health or fitness profession by providing them with musculoskeletal fitness assessment knowledge and skills. This lecture/lab course will explore the steps of musculoskeletal examination, as well as provide the students with the tools to assess static and dynamic musculoskeletal fitness. The importance of musculoskeletal health to overall wellness will also be discussed. Prerequisites: HPR 301 and HPR 317. Corequisite: HPR 340L. (UG)

HPR 340L: Musculoskeletal Fitness Assessment Lab

0 Credit Hour(s)

This course satisfies the laboratory requirement for HPR 340. (UG)

HPR 350: Fitness Training and Programming

3 Credit Hour(s)

In this course, students will learn the principles of fitness testing and programming for individuals in a variety of settings. Emphasis will be placed on analyzing and interpreting cardiorespiratory, muscular, flexibility, balance, and body composition testing data to design safe and effective fitness programs. Topics will also include setting appropriate fitness goals, how individual characteristics (such as age, health, medical conditions, and fitness experience) can affect response to exercise, and modification of fitness programs to meet individual needs. Prerequisite: BIO 103, or BIO 109, or BIO 110. (UG)

HPR 352: Grant Writing

3 Credit Hour(s)

Fulfills core competency: Communication Skills, Writing Intensive. Cross listed with BA 352. This course provides an overview of the role of grants in an organization's budget. Students will learn to plan grant projects, locate sources of funding, give effective presentations about their projects, and develop written grant proposals. (UG)

HPR 353: Introduction to Epidemiology

3 Credit Hour(s)

This course will introduce students to the field of epidemiology, which is the study of the distribution and determinants of health in populations. The course will emphasize methods for assessing factors associated with the distribution and etiology of health and disease. This course will introduce students to key epidemiological concepts and calculations, how to identify and evaluate sources of health information, epidemiological investigation techniques and the evaluation of the strengths and weaknesses of different study designs. Prerequisite: NSC-203 or MTH-104, or MTH-134, or MTH-134EQ, or PSY-333. (UG)

HPR 415: Health Research Design and Methodology

3 Credit Hour(s)

Fulfills core competencies: Communication Skills; Critical Thinking and Problem Solving; Information Literacy. Fulfills Research and Presentation requirement. Writing Intensive. This course will introduce students to the field of research design and methods for health related issues. Students will be prepared to critically review research articles and gain a comprehensive understanding of the research process, types of research designs, samples, bias and interactions in research studies as well as how to comprehend the results and study findings. Students will learn how to pose research questions, construct a relevant hypothesis, make valid causal inferences, operationalize concepts, and ways to formally test their hypotheses. This course is intended for HPR Majors only, to be completed the Senior Year. Prerequisite: HPR 353 or Permission of Instructor. (UG)

History & Political Science

Contact Information

phone: (716) 839-8284
daemen.edu/historyandpoliticalscience

Chair

Jay Wendland
(716) 839-8284

Degrees Offered

- Bachelor of Arts in History
- Bachelor of Arts in History and Political Science
- Bachelor of Science in Adolescence Education: Social Studies
- Bachelor of Arts in History and Political Science – Environmental Studies Specialization
- Bachelor of Arts in Political Science
- Bachelor of Science in Political Science

Minors

- Atlantic Studies
- Black Studies
- Criminal Justice
- Global Studies
- History
- Political Communication
- Political Science
- Pre-Law Studies
- Public Administration
- Public History
- Refugee and Migration Studies
- Women's Studies

Requirements for Admission to Upper Division:

History; History & Political Science; History & Political Science – Environmental Studies Specialization; Political Science:

1. An overall grade point average (GPA) of 2.0 or better.
2. An overall grade point average (GPA) of 2.25 or better in History & Political Science courses.
3. Submission of at least 5 pages of writing sample(s) from History & Political Science courses, with instructor's comments included.
4. Submission of an essay (no more than two typed double-spaced pages) describing what the student intends to do with his or her bachelor's degree (intended career choice, areas of graduate study, etc.).
5. Students are expected to have completed at least six (6) credits of language studies or discuss their plan to complete these credits if they have not already done so. A complete description of the requirement is available in the Foreign Language Requirement section of the Daemen catalog.
6. Successful completion of:
   - **BA, HISTORY**: HST105, HST106, HST220, HST221
   - **BA, HISTORY & POLITICAL SCIENCE); HISTORY & POLITICAL SCIENCE WITH ENS SPECIALIZATION); ADOLESCENCE EDUCATION: SOCIAL STUDIES:** HST105, HST106, HST220, HST221, and one of the required PSC courses
   - **BA, POLITICAL SCIENCE:** PSC101, PSC113, PSC121, and PSC125
   - **BS, POLITICAL SCIENCE:** PSC101, PSC113, PSC121, and PSC125

Additional Requirements for Admission To Upper Division for:

History & Political Science – Adolescence Education: Social Studies

Students in this major must submit separate applications for Upper Division status within both the History & Political Science Department and the Education Department. The requirements for the History & Political Science Department are the same as those listed (above) for all other majors housed in the department. The requirements for Upper Division status in the Education Department are listed below, followed by requirements for Student Teaching and for graduation:

1. An **overall grade point average of 2.75 or better** for all completed university courses.
2. **A grade point average of 2.75 or better in all education courses** (ECSE, EDU & SED prefix).
3. A Dispositional Interview.
4. Compile and submit, for Education Department faculty review, a comprehensive emerging e-portfolio, the contents of which include the following exhibits: artifacts, facsimiles, projects, and grades. Projects must be the scanned originals submitted to the professors and, therefore, include the professors' comments/corrections/annotations.

- An outline of an instructional unit, including a fully designed 3-lesson learning segment, prepared for EDU 237.
- A researched, scholarship-based paper submitted for SED 270.
- A written emerging professional resume.
- A written emerging philosophy of education
- A written emerging comprehensive reflective narrative detailing perception of current status, skills gained during coursework, targets or goals for continuing professional development, and expectations for the future (i.e., intended career choice).
- A completed Disposition Self-Assessment (DSA) containing narrative reflection showing examples to support the ranking of each of the criteria.

The absence of any of these items or an overall GPA lower than 2.75 will constitute an incomplete submission, and the portfolio will not be accepted for review. If you are missing assignments, please see your advisor before the submission date to seek advice about your options.

7. Traditionally admitted students (non-transfer students) who are seeking admission to upper division status must apply by March 19th of the second year of study.

8. ***Transfer students must apply by March 19 during the semester in which they are completing EDU 267 or ECSE 280.*** Transfer students who enter Daemen University with an associate degree must submit a portfolio that includes an emerging professional resume, a written emerging philosophy of education, a comprehensive reflective narrative, and, if available, artifacts from comparable courses taken at other institutions, indicating where they were taken and the grade earned.

9. In the event of a resubmission due to extenuating circumstances approved by the department chair, the GPA will be considered as closed as of the spring semester. The review process will be complete by August 31st before the start of the new fall semester.

Requirements For Student Teaching

1. An overall grade point average (GPA) of 2.75
2. An overall grade point average (GPA) of 2.75 in all courses in the major
3. Apply for student teaching, usually at the end of the third year
4. Be recommended for student teaching by the chairs of the Education and History & Political Science departments

Graduation Requirements for all students in the History & Political Science Department:

1. An overall grade point average (GPA) of 2.00
2. A minimum grade point average (GPA) of 2.25 in courses in the major

3. Successful completion of the capstone research project (HP445)
4. Completion of any portfolio requirements
5. **ADOLESCENCE EDUCATION: SOCIAL STUDIES PROGRAM:** Minimum GPA of 2.75.

Vision Statement

Educating students to shape the future through historical and political literacy and civic engagement

Mission Statement

- Educating students in disciplinary knowledge at the heart of the Liberal Arts
- Training students in empirical (social science) and interpretive (humanities-based) theory and methods
- Providing students the knowledge, skills, and efficacy necessary for active and responsible participation in a civic society
- Bridging local, national, and international knowledge in both theory and practice through classroom and experiential learning
- Empowering students to understand and navigate a diverse, interdependent, and dynamic world

Student Learning Objectives

Students receiving a degree from our department will demonstrate:

1. proficiency in the foundational/disciplinary knowledge of History and Political Science
2. proficiency in disciplinary research methods
3. effective communication of knowledge and ideas both orally and in writing
4. integrated knowledge of disciplinary content in local, national, international, and historical context
5. the integration of theoretical and practical applications of knowledge
6. the ability to independently identify and address relevant real-world questions through the application of disciplinary knowledge, theories, and methodologies

Additional Department Information

Pre-Law Studies

Daemen University's Pre-Law Program is housed in the History and Political Science Department. Guidance is available for students who are preparing to apply to law school and pursue a career in law, along with advice and resources to prepare for LSAT exams. Many students who are interested in Pre-Law choose to major in History and/or Political Science. However, many other fields in the liberal arts, sciences, and business can provide sound preparation for the legal profession. A rigorous Pre-Law minor is available to provide students with a broad pre-law preparation. This minor is open to students pursuing any major.

VISIT THE PRE LAW STUDIES WEBSITE

VISIT OUR PRE LAW STUDENT ASSOCIATION WEBSITE

Bachelor of Arts in History

General Education Curriculum

All **degree programs** require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 39 CREDITS

- HST105 Introduction to World History I: From Antiquity to 1500 (3)
- HST106 Introduction to World History II: From 1500 (3)
- HST220 American History to 1877 (3)
- HST221 American History from 1877 to the Present (3)
- HST331 History Research Methods and Historiography (3)
- HP445 Senior Capstone Project (3)
- **Select one: 3 credits**
  - PSC101 Comparative Political Systems (3)
  - PSC113 American Politics (3)
  - PSC121 International Relations (3)
- **Electives: 15 credits, of which: 6 credits must be at the 300 level or above, AND at least one course must be taken from each of 3 areas: European Concentration; US Concentration; World Concentration.** Access the list of the acceptable **History and Political Science electives** from the History & Political Science department section of the Daemen catalog, or from the Program Plans option on the Registrar's web page.
- CMP101 English Composition (3)

2. Requirements Outside of the Major: 27 CREDITS

- **Career Field Experience:**
  - CFE97 Career Preparation Seminar (0); **AND** 3 credits in a Career Field Experience (CFE) relevant to the major
- **Liberal Arts and Sciences: 18 credits**
  - Consult the guidelines on LAS course selection from the ***suggested course sequence for the BA, History***, accessible from the History & Political Science department section of the Daemen catalog, or from the Program Plans option on the Registrar's web page.
- **Foreign Language Requirement: 6 credits**
  - Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics:
    - MTH104 Survey of Statistics (3)
    - Choose one course from: Biochemistry, Biology, Chemistry, Computer Science, Environmental Science, Math and Physics (3)
  - Social Science:
    - Choose two courses from: Anthropology, Economics, Linguistics, Psychology, Political Science and Sociology (6)
  - Humanities:
    - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

4. Free Electives: 18 CREDITS

- A maximum of 6 credits may be taken in History courses.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

You can find information about all of our departmental majors, the **requirements for Admission to Upper Division, and requirements for Graduation here** or by visiting the History & Political Science Department section of the college catalog, or at the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the suggested course sequences for: **BA, History,** from the History & Political Science Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Arts in History and Political Science

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BA, History & Political Science

1. Major: 48 CREDITS

- HST105 Introduction to World History I: From Antiquity to 1500 (3)
- HST106 Introduction to World History II: From 1500 (3)
- HST220 American History to 1877 (3)
- HST221 American History from 1877 to the Present (3)
- HP445 Senior Capstone Project (3)
- MTH104 Survey of Statistics (3)
- **Select one**:
  - PSC101 Comparative Political Systems (3)
  - PSC121 International Relations (3)
- **Select one**:
  - PSC113 American Politics (3)
  - PSC114 State/ Local Government (3)
- **Select one:**
  - HST331 History Research Methods and Historiography (3)
  - PSC331 Political Science Research and Methods (3)
- **Select 6 credits (with departmental advisement) from any courses with the PSC rubric**
- **History Electives: 12 credits (4 courses), of which: 6 credits must be at the 300 level or above, AND at least one course must be taken from each of 3 areas: European Concentration; US Concentration; World Concentration**. Access the list of acceptable **History and Political Science electives** from the History & Political Science department section of the Daemen catalog, or from the Program Plans option on the Registrar's web page.
- CMP101 Composition (3)

2. Requirements Outside the Major: 9 CREDITS

- CAREER FIELD EXPERIENCE:
  - CFE97 Career Preparation Seminar (0); **AND** 3 credits in a Career Field Experience (CFE) relevant to the major
- FOREIGN LANGUAGE REQUIREMENT: 6 credits
  - Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Biochemistry, Biology, Chemistry, Computer Science, Environmental Science, Math and Physics (6)
  - Social Science:
    - Choose two courses from: Anthropology, Economics, Linguistics, Psychology, and Sociology (6)
  - Humanities:

- Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

4. Free Electives: 27 CREDITS

- A maximum of 6 credits may be taken in History & Political Science courses.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

BA, History & Political Science – Environmental Studies Specialization

1. Major: 36 CREDITS

- HST105 Introduction to World History I: From Antiquity to 1500 (3)
- HST106 Introduction to World History II: From 1500 (3)
- HST220 American History to 1877 (3)
- HST221 American History from 1877 to the Present (3)
- **Select one:**
  - HST331 History Research Methods and Historiography (3)
  - PSC331 Political Science Research and Methods (3)
- HP445 Senior Capstone Project (3)
- **History Electives: 9 credits, of which: 6 credits must be at the 300 level or above, AND at least one course must be taken from each of 3 areas: European Concentration; US Concentration; World Concentration**. Access the list of acceptable **History and Political Science electives** from the History & Political Science department section of the Daemen catalog, or from the Program Plans option on the Registrar's web page. **HST324 Global Environmental History is strongly recommended.**
- CMP101 Composition (3)
- **Foreign Language Requirement: 6 credits**
  - Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.

2. Specialization: 47 CREDITS

- BIO109/L-110/L General Biology I & II Lecture and Lab (4/4)
- BIO302/L General Ecology Lecture and Lab (4)
- CHE101L General Chemistry Lab (1) lecture also required and is included in the Breadth
- CHE301 Organic Chemistry I Lecture (3)
- ENS/PSC211 Environmental & Energy Policies I (3)
- ENS/PSC212 Environmental & Energy Policies II (3)
- ENS304/L Environmental Chemistry Lecture and Lab (4)
- PSC113 American Politics (3)
- PSC114 State & Local Government (3)
- **Select one**:
  - BIO/SUST304 Conservation Biology (3)
  - BIO315/L General Microbiology Lecture & Lab (4)
  - NSC310 Biostatistics (3)
  - any 300-level Biology course (3-4)
  - any 200 or 300 level Chemistry course (3-4)
- **Select two:**
  - ENS205 Planet Earth I: Physical Features (3)
  - ENS206 Planet Earth II: Geographical Features (3)
  - ENS/NSC303 Environmental Toxicology (3)
- Select two:
  - PSC217 American Political Parties & Pressure Groups (3)
  - PSC219 Politics, Planning & Land Use (3)
  - PSC411 Environmental Law (3)

3. General Education Curriculum: 36 CREDITS

- First Year Experience (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics
    - CHE101 General Chemistry Lecture (3)- lab is also required and is included in the specialization requirements.
    - MTH104 Survey of Statistics (3)
  - Social Sciences:
    - **Select one**:
      - ECO201 Principles of Microeconomics (3)
      - ECO202 Principles of Macroeconomics (3)
    - Choose one course from: Anthropology, Economics, Linguistics, Psychology, and Sociology (3)
  - Humanities:
    - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

4. Free Electives: 3 CREDITS

- Outside of History and Political Science courses.

TOTAL PROGRAM REQUIREMENTS = 122 CREDITS

BS, Adolescence Education: Social Studies

All Adolescence Education: Social Studies majors must be admitted into the Education Department through the Upper Division application process. No student may pursue this major without meeting the Education Department's requirements: see Admission to Upper Division section.

1. Major: 48 CREDITS

All courses in this section require a C or better

- HST105 Introduction to World History I: From Antiquity to 1500 (3)
- HST106 Introduction to World History II: From 1500 (3)
- HST220 American History to 1877 (3)
- HST221 American History from 1877 to the Present (3)
- History Electives* (6)
  - 300 Level or above, from different distributional fields: American, World, European
- PSC101 Comparative Political Systems (3)
- PSC121 International Relations (3)
- **Select one:**
  - PSC113 American Politics (3)
  - PSC114 State and Local Government (3)
    - PSC114 is required if student brings in AP credit for PSC113
- PSC Elective* (3) – any level
- PSC Elective* (6) – 300 level or above
- GEO117 World Geography (3)
- **Select one:**
  - HST331 History Research Methods and Historiography (3)
  - PSC331 Political Science Research and Methods (3)

- HP445 Senior Capstone Project (3)
- CMP101 English Composition (3)

*Access the list of acceptable **History and Political Science electives** from the History & Political Science department section of the Daemen catalog, or from the Program Plans option on the Registrar's web page.

2. Education Studies: 41 CREDITS

All courses in this section require a C or better

- EDU213 Foundations of Education (3)
- EDU237/L Instructional Design: Theory and Practice (3/1)
- EDU314 Promoting English Language Arts Across the Content Areas (3)
- EDU336 Language/Literacy Development for the Adolescent Learner (3)
- EDU402 Methods in Classroom Management for Secondary Education (3)
- HP333 Secondary Social Studies Methods (3)
- SED270 Introduction to the Nature and Educational Needs of Students with Disabilities (3)

All courses in this section require a B- or better

- EDU204 Field Based in Education (1)
- EDU310 Practicum in Education (2)
- EDU427 Teaching to the Standards (3)
- EDU479 Student Teaching – Grades 7-9 (6)
- EDU480 Student Teaching Grades 10-12 (6)
- SED204 Field Based in Inclusive Education (1)

3. General Educaiton: 36 CREDITS

- First Year Experience (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics
        - Choose one course in Mathematics (3)
        - Choose one course in Natural Science (3)
    - Social Sciences:
        - **Select one**:
            - ECO201 Principles of Microeconomics* (3)
            - ECO202 Principles of Macroeconomics* (3)
        - PSY214 Psychology of Adolescence* (3)
    - Humanities:
        - Choose two courses in Modern Language at any level (6)

*Student must earn a grade of C or better in course.

TOTAL PROGRAM REQUIREMENTS = 125 CREDITS

You can find information about all of our departmental majors, the **requirements for Admission to Upper Division, and requirements for Graduation here** or by visiting the History & Political Science Department section of the college catalog, or at the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the suggested course sequences for: **BA, History & Political Science**, **BA, History & Political Science – Environmental Studies specialization**, **BS, Adolescence Education: Social Studies**, from the History & Political Science Department web page or from the Program Plans site on the Registrar's web page.

Bachelor of Arts in Political Science

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 39 CREDITS

- PSC101 Comparative Political Systems (3)
- PSC113 American Politics (3)
- PSC121 International Relations (3)
- PSC125 Public Policymaking (3)
- PSC331 Political Science Research and Methods (3)
- HP445 Senior Capstone Project (3)
- HISTORY ELECTIVE: 3 credits (based upon student's interests and in consultation with one's Advisor) selected from the following
    - HST137 African American History (3)
    - HST221 American History from 1877 to Present (3)
    - HST223 U.S. Foreign Policy: World War II to the Present (3)
    - HST230 Problems of the Third World (3)
    - HST304 Modern China (3)
    - HST308 Modern Latin America (3)
    - HST315 History and Political Social Theory (3)
    - HST317 The Middle East (3)
    - HST319 20th Century Russia & Eastern Europe (3)
    - HST326 Culture Wares: Social and Political Conflict in Recent US History (3)
- CMP101 English Composition (3)
- **POLITICAL SCIENCE ELECTIVES** 15 credits, of which: 6 credits must be at the 300 level or above, AND at least one course (3 credits) must be taken from each of 3 areas: American Government; Comparative Government/International Relations; Public Policy/Law. Courses will be selected from the following:
    - **THE AMERICAN POLITICAL SYSTEM**
        - PSC114 State & Local Government (3)
        - PSC115 Hollywood & Politics (3)
        - PSC216 The Politics of (mis)representation: The Importance of Political Geography (3)
        - PSC217 The American Political System (3)
        - PSC222 Polling and Public Opinion: Following the Will of the People (3)
        - PSC223 Political & Civil Rights in the U.S. (3)
        - PSC224 Influencing Politics: The American Voter in Campaigns and Elections (3)
        - PSC230 U.S Judicial Process (3)
        - PSC305 American Constitutional Law (3)
        - PSC311 Congress and the Chaos of Democracy (3)
        - PSC313 Media and Politics: Watchdogs or Lapdogs (3)
        - PSC321 Politics and Popular Culture in America (3)
        - PSC401 American Foreign Policy (3)
        - PSC415 Seminar on the Presidency (3)
    - **GLOBAL POLITICS & INTERNATIONAL RELATIONS**
        - PSC210 Politics of Globalization (3)
        - PSC213 Sustainability & Third World Development (3)
        - PSC221 Political Economy of East Asia (3)
        - PSC220 Contemporary International Issues (3)
        - PSC225 Politics of China (3)
        - PSC231 International Organizations & Global

Governance (3)
    - PSC232 International Political Economy (3)
    - PSC238 Dictatorship & Democracy in World Politics (3)
    - PSC315 Politics of Western Europe (3)
    - PSC326 Politics of East Asia (3)
    - PSC327 Politics of South Asia (3)
- **PUBLIC POLICYMAKING & LAW**
    - PSC117 Criminal Justice: Law & Procedures (3)
    - PSC/ENS211-212 Environmental Energy Policies I-II (3/3)
    - PSC215 Issues in Public Policy (3)
    - PSC219 Politics, Planning & Land Use (3)
    - PSC228 Community Planning & Sustainability (3)
    - PSC312 Judicial Politics & Behaivor (3)
    - PSC/WST320 Gender & Policy in the U.S. (3)
    - PSC350 Political Argumentation & Debate (3)
    - PSC411 Environmental Law (3)

2. Requirements Outside of the Major: 9 CREDITS

- CFE97 Career Preparation Seminar **AND** 3 credits in Career Field Experience (one or multiple experiences totaling 3 credits are allowed)
- **Foreign Language Requirement**: Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog. (6)

3. General Education Curriculum : 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - MTH104 Survey of Statistics (3)
        - Choose one course from: Biochemistry, Biology, Chemistry, Computer Science, Environmental Science, Math and Physics (3)
    - Social Science:
        - Choose two courses from: Anthropology, Economics, History, Linguistics, Psychology, and Sociology (6)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

4. Free Electives: 36 CREDITS

A maximum of 6 credits may be taken in Political Science courses. A minimum of 6 credits must be Liberal Arts and Science.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

You can find information about all of our departmental majors, the **requirements for Admission to Upper Division, and requirements for Graduation here** or by visiting the History & Political Science Department section of the college catalog, or at the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the suggested course sequences for: **BA, Political Science,** from the History and Political Science Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Science in Political Science

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 42 CREDITS

- PSC101 Comparative Political Systems (3)
- PSC113 American Politics (3)
- PSC121 International Relations (3)
- PSC125 Public Policymaking (3)
- PSC331 Political Science Research and Methods (3)
- HP445 Senior Capstone Project (3)
- HISTORY ELECTIVE: 3 credits (based upon student's interests and in consultation with one's Advisor)
- CMP101 English Composition (3)
- POLITICAL SCIENCE ELECTIVES 18 credits, of which: 9 credits must be at the 300 level or above, AND at least two courses (6 credits) must be taken from each of 3 areas: American Government; Comparative Government/International Relations; Public Policy/Law. Courses will be selected from the following:
    - THE AMERICAN POLITICAL SYSTEM
        - PSC114 State & Local Government (3)
        - PSC115 Hollywood & Politics (3)
        - PSC216 The Politics of (mis)representation: The Importance of Political Geography (3)
        - PSC217 The American Political System (3)
        - PSC222 Polling and Public Opinion: Following the Will of the People (3)
        - PSC223 Political & Civil Rights in the U.S. (3)
        - PSC224 Influencing Politics: The American Voter in Campaigns and Elections (3)
        - PSC230 U.S Judicial Process (3)
        - PSC305 American Constitutional Law (3)
        - PSC311 Congress and the Chaos of Democracy (3)
        - PSC313 Media and Politics: Watchdogs or Lapdogs (3)
        - PSC321 Politics and Popular Culture in America (3)
        - PSC401 American Foreign Policy (3)
        - PSC415 Seminar on the Presidency (3)
    - GLOBAL POLITICS & INTERNATIONAL RELATIONS
        - PSC210 Politics of Globalization (3)
        - PSC213 Sustainability & Third World Development (3)
        - PSC221 Political Economy of East Asia (3)
        - PSC220 Contemporary International Issues (3)
        - PSC225 Politics of China (3)
        - PSC231 International Organizations & Global Governance (3)
        - PSC232 International Political Economy (3)
        - PSC238 Dictatorship & Democracy in World Politics (3)
        - PSC315 Politics of Western Europe (3)
        - PSC326 Politics of East Asia (3)
        - PSC327 Politics of South Asia (3)
    - PUBLIC POLICYMAKING & LAW
        - PSC117 Criminal Justice: Law & Procedures (3)
        - PSC/ENS211-212 Environmental Energy Policies I-II (3/3)
        - PSC215 Issues in Public Policy (3)
        - PSC219 Politics, Planning & Land Use (3)

- PSC 227 Introduction to Public Administration (3)
- PSC228 Community Planning & Sustainability (3)
- PSC312 Judicial Politics & Behavior (3)
- PSC 325 Local Government Reform and Community Renewal (3)
- PSC/WST320 Gender & Policy in the U.S. (3)
- PSC411 Environmental Law (3)

2. Requirements Outside of the Major: 9 CREDITS

- CFE97 Career Preparation Seminar AND 3 credits in Career Field Experience (one or multiple experiences totaling 3 credits are allowed)
- 6 credits of Mathematics, Economics, or Computer Science (chosen in consultation with advisor)

3. General Education Curriculum : 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - MTH104 Survey of Statistics (3)
        - MTH 131 Calculus and Mathematics for Business and Social Sciences (3)
    - Social Science:
        - ECO 201 Principles of Microeconomics (3)
        - ECO 202 Principles of Macroeconomics (3)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

4. Free Electives: 33 CREDITS

A maximum of 6 credits may be taken in Political Science courses.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

You can find information about all of our departmental majors, the **requirements for Admission to Upper Division, and requirements for Graduation here** or by visiting the History & Political Science Department section of the college catalog, or at the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the suggested course sequences for: **BS, Political Science**, from the History and Political Science Department web page or the Program Plans site on the Registrar's web page.

Atlantic Studies Minor

Requirements (18 credits)

SELECT 6 CREDITS FROM THE FOLLOWING

- HST219 Colonial Americas (3)
- HST237 Early Modern Europe: Renaissance to the Age of Napoleon (3)
- HST324 Global Environmental History (3)

SELECT 12 CREDITS FROM THE FOLLOWING

- ANT210 Contemporary Native America (3)
- FRE315 French Civilization and Culture (3)
- HST137 African American History (3)
- HST/WST215 Introduction to Women's Studies (3)
- HST220 American History to 1877 (3)
- HST221 American History from 1877 to the Present (3)
- HST230 Problems of the Third World (3)
- HST308 Modern Latin America (3)
- HST/WST309 Introduction to the History of American Women (3)
- HST312 Sub-Saharan Africa (3)
- IND212 Latino and Latin American Culture (3)
- LIT213 Contemporary Native American Literature (3)
- LIT320 Modern and Contemporary Literature (3)
- LIT330 The Scottish Renaissance and Scottish National Identity (3)
- PHI/REL211 African American Thought (3)
- PSC210 The Politics of Globalization (3)
- PSC213 Sustainability and Third World Development (3)
- PSC231 International Organizations and Global Governance (3)
- SPA309 Survey of Spanish American Literature (3)
- SPA315 Spanish Civilization and Culture (3)
- SPA316 Spanish-American Civilization & Culture (3)

*Other courses may be selected with the permission of the Atlantic Studies Director, Dr. Andrew Wise.

Black Studies Minor

Requirements (18 credits)

HISTORY & POLITICAL SCIENCE (9 CREDITS)

- PSC223 Political & Civil Rights in the U.S. (3)
- SELECT ONE:
  - HST137 African American History (3)
  - HST230 Problems of the Third World (3)
  - HST312 Sub-Saharan Africa (3)
- SELECT AN ADDITIONAL 3 CREDITS FROM HISTORY & POLITICAL SCIENCE COURSES.

Courses will be selected in consultation with the Advisor for the Black Studies minor, Dr. Joseph Sankoh, and may be one of the unused courses listed in the options referenced above.

ECONOMICS AND HUMANITIES (6 CREDITS)

SELECT 6 CREDITS FROM THE FOLLOWING (COURSES TO BE SELECTED IN CONSULTATION WITH THE ADVISOR FOR THE BLACK STUDIES MINOR)

- ECO209 Economics of Poverty (3)
- ECO213 Economics of Inequality (3)
- IND315 Perspectives on Blacks and Education (3)
- PHI211 African American Thought (3)
- PHI/REL328 Comparative Genocide (3)
- REL309 The Holocaust (3)
- SOC209 Social Problems (3)
- SOC224 Ethnicity, Race & Cultural Diversity (3)

SERVICE LEARNING (3 CREDITS)

This minor requires students to complete three credits in service learning related to the Black experience. The placement must be approved by the advisor for the Black Studies minor, who will collaborate with staff in the service learning and/or global program offices in order to determine an appropriate placement. The appropriate experiential learning office must provide authorization (via a signed permit to register form) prior to registration.

Criminal Justice Minor

Requirements (21 credits)

- PSC117 Criminal Justice: Law and Procedures (3)
- PSC230 United States Judicial Process (3)
- PSC305 American Constitutional Law (3)
- PSY306 Forensic Psychology

SELECT 9 CREDITS, ONE FROM 3 OF THE 4 DISCIPLINES AS FOLLOWS

PHILOSOPHY

- PHI311 Philosophy of Mind (3)
- PHI216 Ethics (3)
- PHI322 Philosophy of Law (3)
- PHI326 Meaning of Care in a Technological Society (3)

POLITICAL SCIENCE

- PSC114 State and Local Government (3)
- PSC223 Political & Civil Rights in the U.S. (3)

PSYCHOLOGY

- PSY103 Introduction to Psychological Science (3)
- PSY212 Developmental Psychology: Infancy through Childhood (3)
- PSY210 Social Psychology (3)
- PSY219 The Psychology of Mental Illness (3)

SOCIOLOGY

- SOC209 Social Problems (3)
- SOC224 Ethnicity, Race and Cultural Diversity (3)
- SOC304 Social Class and Inequality (3)

NOTE

It is recommended that students completing the Criminal Justice minor complete the following electives as part of their degree program studies: CFE Career Field Experience; MTH104 Survey of Statistics (3); SPA105-106 Intermediate Spanish for Professional Communication I-II (3/3)

Global Studies Minor

PROGRAM ADVISOR: DR. AAKRITI TANDON

Mission Statement for the Global Studies Minor

The mission of the Global Studies minor is to complement and enhance the Daemen College mission to "prepare students for life and leadership in an increasingly complex world" who "recognize the importance of a global perspective" and who are committed to the "well-being of both their local and global communities."

Through coursework, international experience and service learning abroad or with local immigrant or refugee communities, Daemen students completing the Global Studies minor will demonstrate the knowledge, insight, and skills to work for and with people, organizations and businesses with a global focus.

Requirements (15 credits)

Select ONE of the following foundational courses:

- IND120 Introduction to Global Studies (3)
- PSC 121 International Relations (3)
- PSC 210 Politics of Globalization (3)
- HIS 106 World History II (3)

Select One International experience:

Students will complete an International Experience. It may be credit-bearing or not and may include extended living abroad, long or short term study abroad, volunteer or military experience. Typically vacation experiences are not acceptable. Completion of a non-credit study abroad seminar is required prior to departure on study abroad programs. Consult the Global Studies Program Director for details.

Select FOUR from the listing of Global Studies courses:

NOTE: Select from at least THREE disciplines (no more than TWO courses from any one discipline). The following list is not exclusive. Students are encouraged to request a review of other Daemen or transfer courses with significant non-USA content for consideration for the minor by the Director of Global Studies.

Additional courses may be allowed. Students wishing to take courses other than those on the list below must submit their request, with rationale for the substitution, to the Global Studies Program Director. Substitutions are subject to the approval of the Global Studies Committee.

- BA201 Introduction to International Business (3)
- BA220 Diversity and Cross-Cultural Management (3)
- BIO304 Conservation Biology (3)
- ECO343 Global Economic Geography (3)
- FLIT200 Literature in Transition: Crisis of Identity (3)
- FRE207 French Conversation and Composition I (3)
- FRE208 French Conversation and Composition II (3)
- FRE220 Introduction to Literature in French (3)
- FRE240 Grammar and Culture Workshop I (3)
- FRE250 Grammar & Culture Workshop II (3)
- FRE307 Survey of French Literature I (3)
- FRE308 Survey of French Literature II (3)
- FRE312 Advanced French Grammar (3)
- FRE315 French Civilization and Culture (3)
- FRE326 Advanced Conversation in French (3)
- FRE333 Special Topics in Literature (3)
- FRE334 Special Topics in Culture (3)
- FRE335 Special Topics in Linguistics (3)
- HPR303 Traditional Chinese Medicine (3)
- HPR335 Critical Issues in Global Health (3)
- HST105 Introduction to World History I: From Antiquity to 1500 (3)
- HST106 Introduction to World History II: From 1500 (3)
- HST206 Twentieth Century Europe (3)
- HST224 History of the Byzantine World (3)
- HST228 Multicultural Poland: History and Public Memory (3)
- HST230 Problems of the Third World (3)
- HST237 European Intellectual History from the Renaissance to the Enlightenment (3)
- HST248 Ancient Mediterranean World (3)

- HST304 Modern China (3)
- HST308 Modern Latin America (3)
- HST312 Sub-Saharan Africa (3)
- HST317 The Middle East (3)
- HST319 20th Century Russia and Eastern Europe (3)
- HST324 Global Environmental History (3)
- IND104 Global Environmental History (3)
- IND120 Intro to Global Studies (3)
- IND123 Intro to Sustainable Communities (3)
- IND212 Latino and Latin American Culture (3)
- IND215 Service Learning for Refugees Studies (3)
- IND248 International Service Learning (3)
- IND322: Alt and Renewable Energy Issues (3)
- IND325: Introduction to Polish Culture (3)
- IND334: Non-Western Art & Culture (3)
- IND338: Food and Agriculture Issues (3)
- IND345: Introduction to Russian Culture (3)
- IND398: International Experiential Learning (3)
- IND448 International Service Learning (1-3)
- ITA101 Elementary Italian I (3)
- ITA102 Elementary Italian II (3)
- ITA105 Intermediate Italian I (3)
- ITA106 Intermediate Italian II (3)
- ITA207 Italian Conversation & Composition I (3)
- ITA208 Italian Conversation & Composition II (3)
- LIT201 World Lit I (3)
- LIT202 World Lit II (3)
- LIT230 Exile Literature (3)
- LIT309: Film Seminar (3)
- LIT314 Magic Realism in Literature & Film (3)
- LIT316: Empire and the Imagination (3)
- LIT317 Gender Trouble (3)
- LIT320: Modern & Contemporary Irish Literature (3)
- LIT326 Understanding Africa (3)
- LIT329 Imagining Trauma (3)
- LIT330: Scottish Renaissance (3)
- LNG309 Language in Society (3)
- LNG335 Special Topics in Linguistics (3)
- MGT306 International Management (3)
- PHI225 Readings in World Culture (3)
- PHI234 Scientific and Religious View of the World(3)
- PHI306 Eastern Philosophies (3)
- PHI309 The Holocaust (3)
- PHI328 Comparative Genocide (3)
- PSC101 Comparative Political Systems (3)
- PSC121 International Relations (3)
- PSC210 Politics of Globalization (3)
- PSC213 Third World Development (3)
- PSC214 Introduction to Refugee Studies (3)
- PSC218 US Government, World Politics & Globalization (3)
- PSC221 Political Economy of East Asia (3)
- PSC231 International Organizations and Global Governance (3)
- PSC232 International Political Economy (3)
- PSC236 Sports and International Politics (3)
- PSC238 Dictatorship and Democracy (3)
- PSC242 African Politics, Culture & Society (3)
- PSC315 Politics of Western Europe (3)
- PSC326 Politics of East Asia (3)
- PSC327 Politics of South Asia (3)
- REL241 Intro to Islam (3)
- REL308 Spiritual Traditions Sequence I (3)
- SPA105 Intermediate Spanish for Professional Communication I (3)
- SPA106 Intermediate Spanish for Professional Communication II (3)
- SPA207 Spanish Conversation and Composition I (3)
- SPA208 Spanish Conversation and Composition II (3)
- SPA209 Business Spanish (3)
- SPA210 Advanced Spanish for the Health Professional (3)
- SPA110 Spanish for the Health Professions (3)
- SPA220 Introduction to Literature in Spanish (3)
- SPA240 Grammar and Culture Workshop I (3)
- SPA250 Grammar and Culture Workshop II (3)
- SPA307 Survey of Spanish Literature (3)
- SPA309 Survey of Spanish-American Literature (3)
- SPA312 Advanced Spanish Grammar (3)
- SPA315 Spanish Civilization and Culture (3)
- SPA316 Spanish-American Civilization and Culture (3)
- SPA326 Advanced Conversation in Spanish (3)
- SPA328 Spanish Language Film (3)
- SPA333 Special Topics in Literature (3)
- SPA334 Special Topics in Culture (3)
- SPA335 Special Topics in Linguistics (3)
- SPA336 Phonetics & Phonology-Spanish (3)

- SPA337 Hispanic Sociolinguistics (3)
- SUST310 Global Water Issues (3)
- WST216 Women's Worlds: Global Issues in Women's Studies (3)

History Minor

Requirements: (18 Credits)

As part of the requirements referenced below, 6 credits must be taken at the 300/400 level:

- 3 credits in American History
- 3 credits in European History
- 3 credits in World History
- 9 additional credits in History courses to be selected with departmental advisement

Political Communication Minor

Requirements: (21 credits)

NOTE: This minor is shared by the Departments of English and History & Political Science.

REQUIRED COURSES:

- PSC313 Politics and the Media (3)
- CMP212 News Writing (3) OR CMP217 Principles of Rhetoric (3)
- Total Credits (6)

SELECT THREE COURSES FROM THE FOLLOWING TWO AREAS (minimum one from each):

Area 1:

- PSC224 American Voter in Campaigns (3)
- PSC222 Polling and Public Opinion (3)
- PSC217 The American Political Party System (3)

Area 2:

- PSC114 State and Local Government (3)
- PSC311 Congress and the Chaos of Democracy (3)
- PSC415 Seminar on the Presidency (3)
- PSC401 American Foreign Policy (3)

Total Credits (9)

SELECT TWO COURSES:

- CA205 Oral and Visual Communication (3)
- CMP301 Professional Writing (3)
- CA/CMP317 Journalism (3)
- CA/CMP318 Writing for Media (3)
- CMP420 Promotional Writing (3)
- Total Credits (6)

NOTE: CMP101 is a prerequisite for many of these courses

Political Science Minor

Requirements: (18 credits)

NOTE

A MINIMUM OF 6 CREDITS MUST BE SATISFIED WITH COURSES AT THE 200 LEVEL OR HIGHER.

Some of the courses have prerequisites so students should plan accordingly and consult the Search for Schedules option on WebAdvisor to view course offerings and prerequisites.

SELECT TWO

- PSC101 Comparative Political Systems (3)
- PSC113 American Politics (3)
- PSC121 International Relations (3)
- PSC125 Introduction to Public Policy (3)

SELECT 12 CREDITS FROM AT LEAST TWO OF THE AREAS BELOW AND THE COURSES INDICATED.

COMPARATIVE/INTERNATIONAL

- PSC101 Comparative Political Systems (3)—if not already taken
- PSC121 International Relations (3)—if not already taken
- PSC210 The Politics of Globalization (3)
- PSC213 Sustainability and Third World Development (3)
- PSC220 Contemporary International Issues (3)
- PSC221 Political Economy of East Asia (3)
- PSC225 Politics of China (3)
- PSC231 International Organizations and Global Governance (3)
- PSC232 International Political Economy (3)
- PSC238 Dictatorship and Democracy in World Politics (3)
- PSC315 Politics of Western Europe (3)
- PSC326 Politics of East Asia (3)
- PSC327 Politics of South Asia (3)
- One of the following may be taken if PSC101 was completed:
  - HST223 U.S. Foreign Policy: World War II to the Present (3)
  - HST230 Problems of the Third World (3)
  - HST308 Modern Latin America (3)
  - HST317 The Middle East (3)
  - HST319 20th Century Russia and Eastern Europe (3)

AMERICAN POLITICS

- HST221 American History from 1877 to the Present (3)
- PSC113 American Politics (3) — if not already taken
- PSC114 State and Local Government (3)
- PSC115 Hollywood and Politics (3)
- PSC216 The Politics of (Mis)representation: the Importance of Political Geography (3)
- PSC217 American Political Parties and Pressure Groups (3)
- PSC222 Politics and Public Opinion (3)
- PSC223 Democracy in America (3)
- PSC224 Influencing Politics: The American Voter in Campaigns and Elections (3)
- PSC311 Congress and the Chaos of Democracy (3)
- PSC313 Politics and the Media (3)
- PSC321 Politics and Pop Culture in America (3)
- PSC415 Seminar on the Presidency (3)

POLICY

- PSC125 Public Policy Making (3)
- PSC211 Environmental and Energy Policies I (3)
- PSC215 Issues in Public Policy (3)
- PSC219 Politics, Planning and Land Use (3)
- PSC320 Gender and Policy in the U.S. (3)
- PSC350 Political Argumentation and Debate (3)

PUBLIC LAW

- PSC117 Criminal Justice: Law and Procedures (3)
- PSC223 Political and Civil Rights in the U.S. (3)
- PSC230 U.S. Judicial Process (3)

- PSC305 American Constitutional Law (3)

Pre-Law Studies Minor

Requirements: (18 – 19 credits)

- PSC230 U.S. Judicial Process (3)
- PSC305 American Constitutional Law (3)

SELECT ONE

- CMP301 Professional Writing (3)
- PAR301 Legal Research and Writing (3) – provided that the student has already declared the Pre Law minor.

Select 9 credits from at least two of the areas below and courses indicated

NOTE: Some of the courses have prerequisites so students should plan accordingly and consult the Search for Schedules option on Self Service to view course offerings and prerequisites.

HISTORY, POLITICAL SCIENCE AND LAW

- BA221 The Environment and the Law (3)
- PHI322 Philosophy of Law (3)
- PSC117 Criminal Justice: Law and Procedures (3)
- PSC223 Political and Civil Rights in the U.S. (3)

ORAL AND WRITTEN COMMUNICATION SKILLS

- BA211 Effective Business Communications (3)
- CA205 Oral and Visual Communication (3)
- CA221 Human Communication (3)
- PSC350 Political Argumentation and Debate (3)
- PSY304 Counseling and Interviewing (3)

SOCIAL INSTITUTIONS AND HUMAN BEHAVIOR

- HSM302 Health and Administrative Law (3)
- PSY210 Social Psychology (3)
- PSY219 The Psychology of Mental Illness (3)
- PSY306 Forensic Psychology (3)
- SOC243 Child Welfare Policy & Services (3)

THE BUSINESS WORLD

- BA210 Legal Environment of Business (3)
- BA350 Business Law I (3)
- BA351 Business Law II (3)
- BA405 Legal Issues in Sport Management (3)
- BA420 Legal Aspects of International Transactions (3)
- ECO/FIN409 Money and Banking (3)
- FIN325 Corporate Finance (3)

Visit the **Pre Law Studies webpage** for more information

Public Administration Minor

Requirements: (18 credits)

NOTE

Some of the courses have prerequisites so students should plan accordingly and consult the Search for Schedules option on WebAdvisor to view course offerings and prerequisites.

PREREQUISITE TO THE MINOR

ONE OF THE FOLLOWING MUST HAVE BEEN COMPLETED PRIOR TO BEGINNING STUDIES FOR THIS MINOR

- MGQ221 Business Statistics I (3)
- MGQ222 Business Statistics II (3)
- MTH104 Survey of Statistics (3)

REQUIRED COURSES

- MGT312 Human Resource Management (3)
- PSC113 American Politics (3)
- PSC114 State and Local Government (3)
- PSC125 Introduction to Public Policy (3)
- PSC227 Introduction to Public Administration (3)

SELECT ONE:

- BA211 Effective Business Communications (3)
- CMP301 Professional Writing (3)

RECOMMENDED STUDIES: The following courses are recommended studies to be selected in consultation with one's Advisor:

- BA220 Diversity & Cross-Cultural Management (3)
- ECO201 Principles of Microeconomics (3)
- ECO202 Principles of Macroeconomics (3)
- ECO206 Economics of Sustainable Development (3)
- ECO213 Economics of Inequality (3)
- ENS/PSC211-212 Environmental & Energy Policies I/II (3/3)
- ENS/PSC219 Politics, Planning and Land Use (3)
- HST211 Introduction to Public History (3)
- MGT208 Principles of Management (3)
- MGT321 Organizational Behavior and Theory (3)
- MIS280 Computer Studies and Problem Solving (3)
- MIS290 Information Systems Management (3)
- PSC215 Issues in Public Policy (3)
- PSC217 American Political Parties and Pressure Groups (3)
- PSC228 Community Planning & Sustainability (3)
- PSC311 Congress and the Chaos of Democracy (3)
- PSC411 Environmental Law (3)
- PSC416 Internship in Public Administration (3)
- SOC201 Introductory Sociology (3)
- SOC209 Social Problems (3)
- SOC224 Ethnicity, Race, and Cultural Diversity (3)
- SOC243 Child Welfare Policy and Services (3)

Public History Minor

Requirements: (18 credits)

NOTE

Some of the courses have prerequisites so students should plan accordingly and consult the Search for Schedules option on Self Service to view course offerings and prerequisites.

Note: Other courses may be allowed with permission of program director, Dr. Penny Messinger

Complete each of the following:

- HST211 Introduction to Public History (3)
- HST220 American History to 1877 (3)
- HST221 American History from 1877 to the Present (3)

Select 9 credits from the following options; 3 credits must be taken in each of the 3 areas referenced below:

- **Written Communication Skills/Public Relations:**
  - CA/CMP318 Writing for Media (3)
  - CMP301 Professional Writing (3)
  - CMP311 Advanced English Composition (3)
  - CMP/PR420 Promotional Writing (3)
  - PR322 Introduction to Public Relations (3)
- **Allied Fields and Applied Knowledge:**
  - ACC225 Financial Accounting (3)
  - HP/IND 250 Introduction to Historic Preservation (3)
  - BA/HPR352 Grant Writing (3)
  - HST416 Internship in Public History (1-3)
  - PSC227 Introduction to Public Administration (3)
- **Computer and Web Design:**
  - MIS231 Visual Software (3)
  - MIS280 Computer Studies and Problem Solving (3)
  - MIS290 Information Systems Management (3)
  - MIS331 Animation Software (3)

Refugee and Migration Studies Minor

Requirements: (18 credits)

- PSC 214: Introduction to Refugee Studies (3)
- **SELECT ONE: Foundations in Global Knowledge (3)**
  - HST106 World History 1500-Present
  - IND120 Introduction to Global Studies
  - PSC121 International Relations
- **SELECT THREE: Causes, Contexts, and Consequences of Population Movements (9)**
  - HST317 The Middle East
  - HST228 Multicultural Poland: History & Public Memory
  - LIT230 Exile Literature
  - LIT316 Empire & the Imagination
  - LNG309 Language in Society
  - LNG415 Second Language Acquisition/Applied Linguistics
  - PHI309 The Holocaust
  - PHI/REL328 Comparative Genocide
- **SELECT ONE: Applied/Experiential: Service Learning* (3)**
  - FRE/SPA 299/399 Service Learning in French and Spanish
  - FRE/SPA 348/448 International Service Learning in Spanish/French
  - IND215 Service Learning for Refugee Studies
  - IND 31 Reaching Refugees in the Buffalo Community
  - IND230 Refugees Tell Their Stories
  - IND348 or 448 International Service Learning

***NOTE**: Other SL courses and internships, may be allowed by permission of the oversight committee if the course has a primary focus on refugees or migration.

Women’s Studies Minor

Requirements: (18 credits)

NOTE

Other courses may be allowed with the approval of the Program Director, Dr. Penny Messinger.

REQUIRED:

- WST/HST215 Introduction to Women’s Studies (3)

SELECT 15 CREDITS FROM THE FOLLOWING

- ART356 Women in Art (3)
- LIT324 Jane Austen (3)
- LIT334 British Women Writers (3)
- WST/IND216 Women’s Worlds: Global Issues in Women’s Studies (3)
- WST/IND217 Women & Girls in Literature & Film (3)
- HSC/NUR221 Issues in Women’s Health (3)
- WST/REL224 Women and Religion (3)
- WST/HST309 Introduction to the History of American Women (3)
- WST/LIT317 Gender Trouble: Literature and Film (3)
- WST/PSC320 Gender and Policy in the U.S. (3)
- WST/IND328 The Image of Women in Art and Media (3)
- WST/PHI/REL336 Sex, Love, and God (3)

Geography

GEO 117: World Geography

3 Credit Hour(s)

Fulfills core competencies:Contextual Integration, Critical Thinking.This course will familiarize students with the spatial geography of the United States and other major regions of the world and will help them to understand the political and economic differences between nations, regions, and differently populated areas. (UG)

History & Political Science

HP 333: Methods of Teaching Secondary Social Studies

3 Credit Hour(s)

Practicum level course. Writing Intensive. Registration in this course is limited to History & Political Science Adolescence Education/Social Studies majors. This course is designed to prepare prospective teachers who will engage in teaching social studies at the secondary level. It is intended to invest them with an understanding of the skills of teaching as well as provide them with content knowledge. It is also intended to assist prospective teachers in generating and implementing ideas and then assessing how well these plans have worked in the classroom. Taken with the practicum course block. (UG)

HP 445: Senior Capstone Project

3 Credit Hour(s)

Fullfills Core Competencies: Information Literacy; Research and Presentation; Writing Intensive. Every student pursuing a major in the History and Political Science Department must complete the senior capstone project. This class fulfills the capstone course requirement in the major, as well as the college-wide Research & Presentation (R&P), Information Literacy (IL), and Writing Intensive (WI) requirements. Students will be required to complete a 15-20 page research project consistent with the expectations of their major track (i.e., History, Political Science, History and Political Science majors). Prerequisite: PSC 331 or HST 331. (UG)

HP 446: Advanced Senior Research

2 Credit Hour(s)

This is a 2.0 credit course in which students who have successfully completed the required HP 445 (capstone) research project can revise that project to include original research (i.e., application of advanced methodology, execution of research design, integration of primary sources, or data collection and analysis). This is an optional course, designed for students who are considering graduate studies or employment in careers in which advanced research and writing is a required/desired skill. Students taking this course will be expected to integrate coursework, knowledge, research skills, and communication skills to demonstrate a mastery of learning within the discipline of history or political science. Prerequisite: Successful completion of HP 445 (with C or higher grade) and advisement of HP 445 faculty. It is strongly recommended that students take HP 445 in fall of their senior year: thus, HP 446 will be taken in spring of the senior year. (UG)

History

HST 104: The Human Place in Nature: An Introduction to Global Environmental History

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Civic Responsibility; Moral & Ethical Discernment. Cross-listed as IND 104. In this course, we will focus on different patterns of human responses to environmental challenges and identify ways in which they have changed over time. Students will be challenged to understand individual and collective behaviors in their social, cultural, political, and economic contexts. This course highlights several key aspects of environmental history: 1) humankind's impact on the environment as we have attempted to alter our natural surroundings; 2) various moral and ethical perspectives about the environment and humankind's place in the natural world; 3) the role that nature has played in various aesthetic visions; 4) modern environmental crises and their political impact; and 5) the modern green movement as a grassroots call for social justice in response to environmental degradation. (Sponsored by the History & Political Science Department). (UG)

HST 105: Introduction to World History I: From Antiquity to 1500

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. The two-course world history sequence focuses on the peoples, forces and ideas that have shaped the way individuals have experienced (and still do experience) the world. The course's perspective is global and focuses on the origins and development, geographical context, and interactions of world cultures. In this course, we will focus on two key themes of early world history: 1) the ways in which different cultures emerged in response to the demands of their environmental surroundings; and 2) the ways in which different peoples began to increasingly interact with one another by 1500. . (UG)

HST 106: Introduction to World History II: From 1500

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. The two-course world history sequence focuses on the peoples, forces and ideas that have shaped the way individuals have experienced (and still do experience) the world. The course's perspective is global and focuses on the origins and development, geographical context, and interactions of world cultures. In this course, we will focus on two key themes of modern world history: 1) the ways in which global connections have developed; and 2) the ways in which different peoples at different times have resisted globalization, instead seeking to preserve their distinct cultural traditions. (UG)

HST 107: Revolutionary Principles: the History Of the Declaration of Independence

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Critical Thinking and Creative Problem Solving. This course traces the development of modern ideas about natural rights and freedoms within the US and the world from 1776 to the recent past. Through examining replies to the Declaration, we will study the way that groups and liberation movements in the US and throughout the world have adapted the foundational ideas of the Declaration in different political and temporal contexts. (UG)

HST 125: Historical Approaches to Contemporary Problems: Domestic Affairs

3 Credit Hour(s)

: Fulfills core competency: Contextual Integration. This course attempts to deepen understanding of contemporary issues in American society by studying their historical evolution. We will examine the events and impact of contested economic, political, social, and cultural issues in the U.S. since the 1960s. Major topics include the impact of foreign policy on domestic affairs; the civil rights movement; the women's movements; the New Left; liberation movements; Watergate; the rise of modern conservatism; and the culture wars of recent decades. (UG)

HST 137: African American History

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. A study of the African American experience in America. The course will explore African origins and cultural influences and examine the social and political significance of African Americans in American history. (UG)

HST 206: Communism, Fascism & Democracy in 20th Century Europe

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course deals with the story of Europe during the tumultuous 20th century. While we will focus much of our attention on political, economic and diplomatic developments; considerable time will be devoted to social and cultural phenomena as well. (UG)

HST 211: Introduction to Public History

3 Credit Hour(s)

This survey course introduces students to the field of public history - how historians make history come alive for the general public. Among areas covered will be the role of historians in museums, historical societies, archives, historic preservation, government and business organizations, and other non-academic careers. Students will explore effective exhibit design and presentation of history to the public through museum visits and class projects. (UG)

HST 215: Introduction to Women's Studies

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Cross-listed as WST 215. This course is an interdisciplinary overview of the language, concepts, and issues in the field of Women's Studies. We will explore the construction of gender by focusing upon the intersection of race, class, gender, ethnicity, sexuality, and religion in shaping women's lives, and will look at women's efforts to define their identities through work, creative activity, and through feminism. (UG)

HST 220: American History to 1877

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course, an introduction to American civilization from the age of exploration and colonization through the Civil War and Reconstruction, focuses on central themes and issues in the development of American society and institutions by raising questions about human values, economic growth, institutional change, cultural development, and political democracy in the American past. Major themes include: exploration and colonization; life in early America; the creation of a slave society; colonial America and the British empire; the establishment of representative government; the American Revolution; establishing a new nation; the era of Andrew Jackson; the first industrial revolution; social and cultural life in the early republic; expansion and sectional crisis; and the Civil War and Reconstruction. Offered Each Year (Fall). (UG)

HST 221: American History From 1877 to Present

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course seeks to have students gain a perspective on the position of the United States among the nations of the world and on the controversies and agreements among Americans concerning the desired attributes of their own culture, government, and ideals. Major themes include: conquest of the West; the Populist movement; the creation of the Jim Crow system; industrialization and its effects on the American society, economy, and political processes; immigration and urbanization; the American Empire; Progressivism and the struggle for social justice; World War I; social changes of the 1920s, the Great Depression, and the New Deal; World War II; post-war affluence and social change, the Cold War and anti-communism; the liberal state; minorities and civil rights; the Vietnam era; the New Right and neo-conservatism; and the recent past. (UG)

HST 224: History of the Byzantine World

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course introduces students to the history of the Byzantine Empire. This course focuses on the following key features of Byzantine history: 1) the transformation of the Roman Empire into the Byzantine; 2) the role of the Byzantine church in political and cultural affairs; 3) the interaction of Byzantium with the other heirs of Rome: medieval Islam and medieval Western Christendom; and 4) the influence of Byzantium on neighboring states that interacted with Byzantium, especially Kievan Rus. (UG)

HST 228: Multicultural Poland: History and Public Memory

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Moral & Ethical Discernment; Affective Awareness. This course focuses on the multicultural legacy in Poland, especially the historic region of Galicia. This course also requires students to consider the complex interplay of history and memory in Poland, especially as it relates to World War I, the interwar period, and World War II. (UG)

HST 229: History and Film

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. This course uses film as the primary lens to understand historical issues from around the world. Individual instructors will select films that connect thematically to a unifying topic that provides focus for the class. Topics may be geographical/regional (ex: Middle East), may focus on a chronological era (ex: 20th century), or may be thematic (ex: war and peace). Films chosen for this course will be selected to facilitate discussion of the theme of the course and will be contextualized to the time/place of the film's setting and also the time/place of its creation. (UG)

HST 230: Problems of the Third World

3 Credit Hour(s)

The growing consciousness of the developing nations (LDC's) and their relationship with the advanced capitalist nations (First World) has been a major development of the post World War II period. While the term Third World was originally a political designation, it now implies certain economic and cultural characteristics. This course is designed to acquaint the student with many of the economic, political, social and international problems faced by these nations, while exploring the historical roots of these problems. (UG)

HST 232: Migration & Diaspora in US

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course examines the history of immigration, migration, and diaspora communities in the United States from 1800-the present. Three overarching themes guide this course: the movement of peoples to the US and some of the major migratory movements of peoples within the US; the relationship between American ideas concerning citizenship and immigration and the experiences of immigrants within the US in the 19th, 20th, and 21st centuries; and the evolving governmental policies towards immigration from throughout this period. The course addresses what draws people to the United States, what pushes them to leave their countries of origin, and how the United States has been shaped by immigrants and diaspora communities.(UG) (UG)

HST 237: European Intellectual History From the Renaissance to the Enlightenment

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course introduces students to the key elements of modern European society that began to emerge during the period from the Renaissance to the age of Napoleon. In this course, we will focus on the following key developments: 1) the Renaissance; 2) the Protestant Reformation and Catholic Reformation; 3) the rise of the modern system of European states; 4) the creation of the Atlantic economy; 5) the Scientific Revolution and the Enlightenment; 6) the global rivalries of the European colonial powers; and 7) the French Revolution and its legacy. (UG)

HST 248: Ancient Mediterranean World

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course introduces students to the various cultures of the ancient Mediterranean world. The course is divided into four sections: 1) the origins of Mediterranean civilizations, including the history of ancient Mesopotamia and Egypt; 2) the Greek cultural expansion from the classical period through the Hellenistic age; 3) the history of Rome from the foundations of the republic to the fall of the empire; and 4) the rise of Christianity as a cultural phenomenon in the Mediterranean world. (UG)

HST 304: Modern China

3 Credit Hour(s)

This course focuses primarily on twentieth century China and will include the Revolution of 1911, the rise of the Kuomintang or Nationalist Party, and China since the Communist victory in 1949. Students will be encouraged to make their own evaluations regarding the Maoist regime, U.S.-Chinese relations in the twentieth century and the Chinese relationship with Third World nations. (UG)

HST 308: Modern Latin America

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. A course to acquaint the student with significant historical and cultural developments in Latin America since independence (political instability, economic underdevelopment, class conflict, anti-clericalism, militarism, and the relationship with the United States). Select countries such as Brazil, Argentina and Cuba will be emphasized; however, a topical rather than a country-by-country approach will generally be followed. (UG)

HST 309: Introduction to the History of American Women

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as WST 309. This course surveys the social, political, and economic history of American women from the colonial era to the present. The class places particular emphasis on the ways in which women's experiences have been shaped by such factors as race, class, and ethnicity, as well as by gender. Prerequisites: None, but upper division status, or foundational coursework in history or women's studies, is highly recommended. (UG)

HST 312: Sub-Saharan Africa

3 Credit Hour(s)

A study of essential historical and cultural background necessary for understanding contemporary problems of Sub-Saharan Africa. Emphasis is placed on pre-selected countries: Nigeria, Zaire, Ghana and the Republic of South Africa. (UG)

HST 315: History of Political and Social Theory

3 Credit Hour(s)

Students will analyze key problems in political philosophy by reading original works by thinkers who have influenced our own political discourse today. (UG)

HST 317: The Middle East

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course covers the major social, cultural, political and economic developments in the history of the modern Middle East, from the end of the Ottoman Empire to the present. (UG)

HST 319: 20th Century Russia and Eastern Europe

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course explores the nature of communism in Russia and Eastern Europe, the reasons for the collapse of communist regimes, and the transition to the post-communist era. We begin by examining how communist governments gained control in Russia and Eastern Europe, the nature of communist rule, and the crisis confronted by various regimes. In addition, we explore the nature of the Cold War and the ideological struggle between state and society, the democratization of politics, the problems of ethnic conflict, and changing relations with the West. (UG)

HST 324: Issues in Global Environmental History

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. This course deals with several key aspects of environmental history: 1) humankind's impact on the environment as we attempt to alter our natural surroundings; 2) various philosophical and religious concepts of the environment and humankind's place in the natural world; 3) European global expansion and the impact of this ecological imperialism on indigenous peoples and ecologies; 4) the modern green movement; and 5) global environment crises and their impact on domestic affairs and international relations. (UG)

HST 325: Cultural History of Poland

3 Credit Hour(s)

Fulfills core competency: Contextual Integration; Writing Intensive. Cross-listed as IND 325. Students are introduced to the history of Polish culture. This survey course will focus primarily on cultural developments, but students will also learn about key political, economic, and social developments in Polish history. (UG)

HST 326: Culture Wars: Social and Political Conflict in Recent US History

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Critical Thinking; Moral & Ethical Discernment. This course explores the influence of the culture wars both historically and in contemporary American society and politics during the 20th and early 21st centuries. We will trace the historical roots of recent debates over culture while also analyzing and evaluating historical claims about past events. The course heavily emphasizes events and developments since the 1960s, although we also examine issues and themes from early American history and the early 20th century through such topics as religion, science, urbanization, immigration and assimilation, race relations, changing gender roles, and sexual behavior as represented in cultural and political history. (UG)

HST 331: History Research Methods and Historiography

3 Credit Hour(s)

Writing Intensive. Students will learn about how historians conduct research and write history. Classes are conducted in seminar format. Class discussions focus on research skills and strategies and the intensive study of a wide variety of historical writings. This course is part of a capstone requirement for History majors and History & Political Science majors (including Adolescent Ed and Environmental Specialization); non-majors may also enroll. (UG)

HST 333: Labor & the Working Class in American Histroy

3 Credit Hour(s)

Fulfills core competency: Contextual Intregration; Critical Thinking and Problem Soloving. This course explores the American labor history from the 1600s to the present, including the experience of work, labor activism, and the development of working-class consciousness. A major theme of this course explores the way industrialization has shaping work life and culture, transforming concepts of work and social mobility. We also examine workers' efforts to improve their circumstances through collective action, including strikes, unionization, and political mobilization, and the ways that such factors as racial, ethnic, gender, class, and cultural identity have shaped the history of labor. (UG)

HST 345: Cultural History of Russia

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Writing Intensive. Cross-listed as IND 345. This course introduces students to select themes in the Russian cultural tradition. The peoples of Russia have engaged actively with other cultures in Europe and Asia for over a millennium. We will explore how a distinct Russian culture has emerged, with special emphases on the following developments: the introduction of Christianity; the Mongol Yoke; the Europeanization of Muscovite Russia; the cultural splendor of the Russian empire during the reign of Catherine II; the flourishing of Russian literary culture under an absolutist regime during the Golden Age of the mid-19th century; and Russia's role in the birth of Modernism at the end of the tsarist era. (UG)

HST 416: Internship in Public History

3 Credit Hour(s)

Encouraged for students who are pursuing a public history minor. Prerequisite: HST 211. (UG)

Political Science

PSC 101: Comparative Political Systems

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course is a general introduction to the field of comparative politics. The course's main objective is to enable students to analyze the political systems of countries outside the U.S. The course covers countries selected from established democracies, transitional political systems, and developing societies. (UG)

PSC 113: American Politics

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. This is an introductory course focusing on the basic structure and processes of the American political system, the institutions of the federal government, and the processes of decision making. The course is also a foundation for the American Politics subfield of the political science discipline. (UG)

PSC 114: State and Local Government

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. A survey of the development, structure and functions of state and local government in the United States. Specific reference is made to the politics and problems of New York State and the Buffalo Metropolitan Area. (UG)

PSC 115: Hollywood and Politics: Introducing Political Science Through Pop Culture

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Civic Responsibility; Communication Skills. This course is designed to introduce students to the study of Political Science. Specifically, we will explore Political Science through popular culture. Throughout this course, students will be exposed to the foundational concepts useful in studying political phenomena that are universal to the various subfields and methodological approaches within political science. The American system will be used as a point of comparison, but we will examine various other ways to structure a governmental system (e.g. various executive, legislative, or judicial branch designs, the differences between presidential and parliamentary systems, and differences between capitalist and socialist economic structures). To explore these themes we will use film, television, fiction, and music. Using these various aspects of pop culture we will explore topics such as why we need government, various ideologies, the role of executive leadership, legislative politics, judicial systems, democracy, political culture, the media, and international politics. (UG)

PSC 117: Criminal Justice: Law and Procedures

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. The case-based approach used in this course requires students to analyze criminal procedure rulings of the United States Supreme Court. Students will be exposed to the logical and legal arguments of a series of cases which comprise the evolving corpus of the Court's criminal rights jurisprudence. (UG)

PSC 121: International Relations

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. An introduction to international politics. Covers the transformation of world politics since the early modern era. Examines major international events such as the two world wars, the Cold War, and the end of the Cold War. Exploration of the origins and causes of wars and conflicts, the roles of international organizations and international law in achieving lasting peace, and key issues of post-Cold War international politics including globalization, the environment, human rights and terrorism. (UG)

PSC 125: Public Policymaking

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem-Solving. This course is an introduction to the policy making process and the subfield of Public Policy and covers the evolution of the field of public policy, and the policy making process from agenda setting to policy termination and change; select substantive policy areas and current events are used as illustrative examples. Students will learn the basic social science research approach and its critical uses in policy-making and analysis. (UG)

PSC 210: The Politics of Globalization

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course focuses on the politics of globalization in the new world order and its impact on international relations and on developing nations. Topics include international terrorism, issues of justice and poverty, the role of multinational corporations, environmental issues, and the role of international organizations such as the IMF, the World Bank, and the World Trade Organization. (UG)

PSC 211: Environmental and Energy Policies I

3 Credit Hour(s)

Cross-listed as ENS 211. A survey of major environmental and energy policies and the intergovernmental administrative system established to implement them. Topics include a history of the environmental movement, green politics, international environmental issues, and the contrasts between scientific and political decision-making. If taken as ENS 211, this course cannot be used as a science elective. (UG)

PSC 212: Environmental and Energy Policies II

3 Credit Hour(s)

A continuation of ENS/PSC 211. Prerequisite: PSC/ENS 211. (UG)

PSC 213: Sustainability and Third World Development

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course examines the process of development in the Third World. Topics include HIV/AIDS, overpopulation, the role of women, the environment, socio-cultural barriers, and responses to inequality and poverty. (UG)

PSC 214: Introduction to Refugee Studies

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration. This course will introduce students to the basic theories, concepts, and vocabulary of Refugee Studies. It will primarily focus on the political, historical, economic, socio-cultural, and global processes that have impacted refugees and Refugee Studies in our world today. Why are there refugees? How does local, national, and international communities address refugee crises? How can the academic study of refugees lead to policy changes in national and international political and economic systems? To the extent that forced migration of refugees is an integral part of the relationship between poor and rich nations, the issues facing refugee communities are not just a product of internal/civil wars and local impoverishment, but are closely linked to the fundamental political and economic structures and processes of our globalized world. As such, students, organizations, policy advocates interested in working with refugees need to take the holistic approach to refugee studies in order to have a better understanding and in-depth knowledge of the issues. This course will provide students with foundational knowledge of refugee populations and the field of Refugee Studies. The course will involve intensive reading and writing, the use of theoretical analyses, critical discussions, and in-depth examination of displacement and forced migration of refugees globally. (UG)

PSC 215: Issues in Public Policy

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. An examination of the various analytical models employed by political scientists in the study of political life and the application of these models to specific domestic policy areas, with a focus on environmental policy. (UG)

PSC 216: The Politics of (mis)representation: The Importance of Political Geography

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Do voters pick the right candidate to represent their concerns? After these candidates become politicians, are they held accountable for their actions? Are these politicians demographically representative of their voters (i.e. do they look like us)? These questions are central to the study of political geography, an underlying theme to everything covered in this course. Throughout this course we will explore representation in American politics, focusing primarily on these three overarching questions. Specifically, we will examine how well citizens are being represented in the American political system by their elected leaders. There are continual concerns about how poorly our political representatives mirror the population in terms of demographics, partisanship, and ideology. In this course, we will explore whether these concerns about misrepresentation are valid as well as their causes. First, we will look at demographic groups (race and gender specifically) and how well these groups are being represented in our system. Specifically, we will focus on three aspects of the American political system that are commonly blamed for misrepresentation: redistricting and gerrymandering, nomination elections (both congressional and presidential), and the Electoral College. (UG)

PSC 217: The American Political Party System

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. An examination of the principles, development and organization of American political parties as well as the electorate and the electoral process. The nature and role of political interest groups will be examined. Special emphasis will be placed on environmental activism at national, state and local levels. (UG)

PSC 219: Politics, Planning and Land Use

3 Credit Hour(s)

Cross-listed as ENS 219. Principles and practice of land management policies at the state and local levels of government. Topics include zoning power of local government, preparation of master plans, variance procedures, federal mandates and Environmental Impact Statements. (UG)

PSC 220: Contemporary International Issues

3 Credit Hour(s)

Fulfills core competencies: Civic Responsibility This course will examine some of the major issues facing the international community, including states as well as non-state actors, such as interstate conflict, civil war, terrorism, human rights abuses, environmental degradation as well as global financial crises. The course will provide students with a firm grounding in International Relations theory; students will learn how to understand, interpret and solve international issues from different theoretical perspectives including realism, liberalism and constructivism. Students will also learn how contemporary international issues are shaped by historical experiences. Finally, the course will examine the role of international law and organization in affecting the outcomes (or not!) of various international crises such as the Syrian civil war or nuclear armament by rogue states such as North Korea. This course will enable students to be informed global citizens that are equipped to critically examine and respond to unfolding international crises of various kinds. The course is contemporary in nature, and we will pay considerable attention to current international events. (UG)

PSC 221: Political Economy of East Asia

3 Credit Hour(s)

Cross-listed as ECO 221. An analysis of the successful industrialization of East Asia. Topics include the roles of development strategies, political institutions, industrial policy, culture, financial and monetary policies and China's recent transition toward a market economy. (UG)

PSC 222: Polling and Public Opinion: Following The Will of the People

3 Credit Hour(s)

Fulfills core competencies: Civic Responsibility; Information Literacy. This course focuses on why public opinion and polling are important to American democracy and how political scientists go about measuring public opinion. The course explores where public opinion comes from, how people form opinions, how well informed people are about political objects, and how public officials use public opinion. (UG)

PSC 223: Political and Civil Rights in the United States

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. This course will examine the development and current state of political and civil rights in the U.S., through the use of texts, court cases and the U.S. Constitution. Areas covered will include prohibitions against discrimination, voting rights and elections, freedom of expression and the right to privacy. While emphasis is placed on the role of the Supreme Court, discussion will address the interplay of the other branches of government as well as other factors (historical, economic, societal, etc.) in the evolution of political and civil rights. Students will be asked to consider whether these rights exist primarily to serve the interests of individuals, or to promote communitarian values. (UG)

PSC 224: Influencing Politics: The American Voter in Campaigns and Elections

3 Credit Hour(s)

Fulfills core competencies: Civic Responsibility; Contextual Integration. This course is designed to present students with an understanding of why elections are important to American democracy and how political scientists go about measuring campaign effects. Further, we begin to explore how individuals come to a decision on which candidate to support in an election, if they choose to participate at all. We will explore a number of different aspects of campaigns and elections in American politics, including campaign finance, strategy, the media, and the different stages of various elections. We also tackle the big questions: Should you vote? Why do people vote the way they do? How can we get people to vote? The goal is for you to have a broad understanding of how American elections work and why they are important. (UG)

PSC 225: Politics of China

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course is an introduction to Chinese politics. We will study the history, institutions, and processes of Chinese politics. We will critically examine the economic and political reforms that have transformed China since the late 1970's. We will also compare China's reforms with other countries that have undergone similar transitions. Finally, this course will examine the strategic and economic impact of China's rise as a great power. (UG)

PSC 227: Introduction to Public Administration

3 Credit Hour(s)

Fulfills core competencies: Civic Responsibilty. This is a general survey course designed to familiarize students with the role and function of government agencies. This course will introduce students to the field of public administration through an examination of both theory and practice. (UG)

PSC 228: Community Planning and Sustainability

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Fulfills Service Learning requirement. This course focuses on neighborhood planning for both citizens and professionals. Students will learn how to pinpoint key issues, set clear goals, and devise strategies to achieve these goals. In addition, they will learn what type of information to collect, where to get it, and how to assess it. Finally they will be able to package the information, implement the plan and update it periodically. This will be achieved both through classroom work and actual development and implementation of a neighborhood plan. (Sponsored by the History & Political Science Department). (UG)

PSC 230: United States Judicial Process

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. This course will examine the basic elements of the United States judicial system. Among the topics to be discussed will be the functions of the courts within a federal system of government, different roles of different state and federal courts, roles of attorneys and judges within the system, distinctions between different areas of the law, different methods of dispute resolution and the difference between the trial and appellate process, judicial selection and philosophy, and judicial policymaking. Students will also address the effect of the judicial process on citizens and ways in which citizens can either support or oppose the current functioning of the judicial system. (UG)

PSC 231: International Organizations and Global Goverance

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course explores the growing importance of global governance. This course studies how recent trends have generated greater international cooperation in various issue areas, such as proliferation of weapons of mass destruction, trade and investment, environment, and human rights. Students will be required to design their own plans to resolve selected policy problems through global cooperation. (UG)

PSC 232: International Political Economy

3 Credit Hour(s)

Cross-listed as ECO 232. Study of the globalization of the world economy, why nations trade with each other and why they sometimes practice trade protectionism. Examines the growing importance of regional economic blocs, such as the European Union and the North American Free Trade Agreement. Other topics include the rise and decline of American economic hegemony, the rise of Japan's economic power, global trade conflicts, economic reforms in the former Soviet Union and China, and causes of development and underdevelopment in the third world. (UG)

PSC 233: Democracy in America

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Students will gain comprehension of the democratic process and participatory rights in the United States. This knowledge will be geared toward helping students better understand myriad forms of civic engagement and encouraging greater political efficacy. The manifestation of democratic ideals in America will be analyzed against the backdrop of historical developments and worldwide trends in democratization. Thus, while the primary focus will be on democracy in America, students will study how the development of the American political system compares to broader conceptions of democracy and democratic theory. (UG)

PSC 238: Dictatorship and Democracy in World Politics

3 Credit Hour(s)

This course examines the global resurgence of democracy in recent decades, analyzing the causes and dynamics of this recent wave of democratization as well as the different paths of democratic transitions in Southern Europe, Latin America, East Asia, and Eastern Europe. Exploration of strategies for achieving successful democratic consolidation. Study of factors that influence successful democratic consolidation, such as ethnic conflicts, economic reform, constitutional choice, and the role of culture. (UG)

PSC 242: African Politics, Culture & Society

3 Credit Hour(s)

This course examines African politics, culture, and society from pre-colonial era to present. It will primarily focus on the political, historical, and developmental processes that have shaped contemporary African societies as we know them today. It will involve intensive readings, theoretical analyses, critique, discussions, and in- depth examination of this unique continent and its impact on our contemporary world historically. Some of the themes addressed include, an examination of the culture of traditional Africa, cultural barriers to development, change and continuity in African politics and society, European colonization, African nationalism, impact of modernization, impact of today's globalization, impact of transatlantic slave trade, and why Africa is the richest continent in world (in terms of natural resources), but the poorest in per capital income. The course will also address post independence problems, quality of life, corruption, and diseases, among other topics. In addition, students will engage in cross cultural education experience off-campus in select humanitarian groups and organizations that serve African people; such as refugees, agencies, and the African community. (UG)

PSC 305: American Constitutional Law

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course offers an in-depth examination of major constitutional doctrines, including judicial review, separation of powers, and federalism and theories of constitutional interpretation. This course is excellent preparation for pre-law students and for those who want familiarity with the foundations of American constitutional government. Upper Division or PSC 117 or PSC 230 highly recommended. (UG)

PSC 310: Seminar in Black Political Leadership, Consciousness and Change

3 Credit Hour(s)

This course will examine the role of Black political leadership and consciousness in American political system. What is the impact of Black political leadership in changing American society? What are the current and future prospects for Black leadership in America? This course will attempt to answer these and other questions. It will involve intensive readings, analyses, critique, discussions, reports, interviews, and in-depth research by students in the issue area of Black political leadership and consciousness in American political system. In addition, students will be asked to select a Black leader and/or problem area in Black political leadership for class presentations. (UG)

PSC 311: Congress and the Chaos of Democracy

3 Credit Hour(s)

Fulfills core competencies: Civic Responsibility; Contextual Integration. This course will explore Congress, how it fits into our system of government, how it interacts with the other branches of government, and how the legislative process works. The course is designed to look at the organization of Congress, its membership, the various procedures used, and the policy outputs. In this course, we also explore why Congress is often seen as broken. Political parties, interest groups, the president, and the courts are just a few groups that often affect policy outputs and are a major obstacle to Congress passing the policies it wants. Congress is integral to U.S. politics and this course explores why that is the case and how Congress works. (UG)

PSC 312: Judical Politics & Behavior

3 Credit Hour(s)

This class addresses the role of law in the political process. We explore several central questions: What is law, what role does law play in the political process, and how does the political process impact the law? We will examine the critical role which judges and courts play in the interpretation, creation and evolution of law by focusing on judicial review, constitutional and statutory interpretation and judicial decision-making. We will explore the major classifications of the law, including administrative, contract, criminal, property, and tort law, with an emphasis on constitutional and statutory interpretation. We will also focus on the competing theories of judicial decision making (attitudinal model, legal model and strategic model) as identified in political science research: how and why do judges make their decision? Are they mere oracles of the law as Blackstonian conceptions would argue, or are they politicians wearing robes? What factors influence judicial choices - what role does political ideology, political bargaining, and role theory play in judicial rulings? (UG)

PSC 313: Politics and the Media: Watchdogs Or Lapdogs

3 Credit Hour(s)

Fulfills core competencies: Communication Skills; Information Literacy; Civic Responsibility. The media are called many things: governmental watch dogs, the fourth branch of government, and partisan lapdogs. No matter what you call the media, it is impossible to dispute their importance in the US system of government. In this course, we will examine the role the media plays in politics. The media report on what the government is doing as well as on how the public reacts to what the government is doing. We will examine how the media landscape has changed over time. We look at the advent of cable news reporting as well as the rise of the new media--Facebook, Twitter, and Instagram, for example--and how these new media sources have changed the role of candidates and campaigns are able to use the media for their benefit. The United States has a unique media system and we will compare it to other countries. Partisanship and bias in the media will also be discussed extensively, as these are issues that have plagued media outlets since the founding of our country. (UG)

PSC 315: Politics of Western Europe

3 Credit Hour(s)

An examination of the politics and governments of selected nations of Western Europe including Britain, France and Germany. Special emphasis on comparative and contemporary policymaking and on progress toward European unification. Prerequisite: PSC 101 or permission of instructor. (UG)

PSC 320: Gender and Policy in the US

3 Credit Hour(s)

Cross-listed as WST 320. Fulfills core competency: Critical Thinking and Problem-Solving; Writing Intensive. This course will be a survey of the development of, and current issues involving, legal rights as they are impacted by gender in the U.S. Among the topics that will be covered are interpretation of the U.S. Constitution and gender concerns regarding equal protection, reproductive rights, political participation, education law, labor issues, and family law. The course will also address the role of feminism in the development of civil rights, including the diversity of approaches and concerns among different branches of feminism. Also addressed will be examples of ways in which males have been negatively affected by protective legislation and rigid policy approaches to gender roles. (UG)

PSC 321: Politics and Popular Culture in America

3 Credit Hour(s)

Fulfills core competencies: Contectual Integration; Civic Responsibility. Writing Intensive. This course is designed to provide students with an examination of cultural change in American politics using film, television, music, and literature. We explore a number of different aspects of American politics, including the presidency, elections, protests, and issue evolution. While this is not an exhaustive list, the course should help students gain deeper insight into these aspects of American government. Further, this course should help students begin to think more critically about different aspects of popular culture and how American politics permeates film, television, music, and literature. (UG)

PSC 325: Local Government Reform and Community Renewal

3 Credit Hour(s)

Fulfills core competencies: Civic Responsibility; Critical Thinking and Problem Solving. This course provides an examination of local government in New York State, including counties, towns and villages, with emphasis on structure, function and duties of each municipality, and the rise of local government reform. Students will research the origin, purpose and principles of local governments in providing service delivery, representation in local and state policy-making, and as a pass-through entity for state and federal funding. Particular emphasis will be given to citizen engagement and coalition-building in local governance and the rise of citizen-led efforts for reform. (UG)

PSC 326: Politics of East Asia

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course is designed to provide students with a comprehensive understanding of the principal events and interactions in East Asia. Various political, social, and economic aspects of China, Japan, and the two Koreas will be closely examined within the regional context of the past and present, carefully discerning the similarities and differences among those East Asian countries. Prerequisite: PSC 101 or permission of instructor. (UG)

PSC 327: Politics of South Asia

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course is designed to provide an introduction to the governments and politics of South Asia. We will begin the course with an overview of South Asian civilization and its unique development for over several millennia. We then look at the British colonialism and independence movement. Since the independence and the partition that soon followed, the countries in the Indian subcontinent have taken different paths to modernity and national development. The politics, society, and economy of each country - India, Pakistan, Bangladesh, Sri Lanka - will then be carefully examined. In doing so, students will gain a better understanding of such questions as how and why these countries have adopted different ways; what are the sources of social and religious tensions in each country; how these countries have accommodated social diversity, etc. We will complete the course by paying special attention to the conflict between India and Pakistan, two nuclear-armed states. Prerequisite: PSC 101 or permission of instructor. (UG)

PSC 331: Political Science Research and Methods

3 Credit Hour(s)

Registration in this course is limited to Political Science and History & Political Science (including Adolescence Education/Social Studies) majors. This course addresses the different ways in which political scientists formulate and attempt to answer questions about politics and political behavior. We will begin by considering fundamental issues in the philosophy of science, including the process of inquiry, the limits to knowledge, and the extent to which the study of politics can be scientific. We will address issues central to the discipline of Political Science: methodological approaches, the literature review, research designs, and data collection as they pertain to both qualitative and quantitative research. Prerequisite: junior status in the department; majors only. (UG)

PSC 350: Political Argumentation and Debate

3 Credit Hour(s)

Fulfills core competency: Communication Skills. This course will be an introduction to the skills of persuasive speaking and argumentation. Students will develop the ability to advocate a position persuasively, in an enthusiastic yet dignified manner, using current political controversies as subjects. In the process, students will also gain a deeper understanding of the multiple points of view inherent in current political controversies which they have selected to discuss. Among the topics that will be covered are the role of argumentation in society, structure and process of debate, development of arguments, researching and analyzing subjects for debate, use of evidence, use of logic and rhetorical devices, refutation and the role of emotion in advocacy. Prerequisites: None, but upper division status or PSC 113 or PSC 125 or PSC 223 highly recommended. (UG)

PSC 401: American Foreign Policy

3 Credit Hour(s)

Fulfills core competencies: Civic Responsibility; Contextual Integration; Critical Thinking and Problem Solving. This course examines the content of American foreign policy and the processes by which it is made. Students will be introduced to the theories and grand strategies that guide US foreign policy. Students will also be introduced to the actors, including individuals and institutions that shape foreign policy decisions. We will study the historical context of current foreign policy choices made by the United States, while giving emphasis the post WW2 and Cold War period. Finally, we will debate the direction future of US foreign policy given the current engagements of the United States. Prerequisite: PSC 121. (UG)

PSC 411: Environmental Law

3 Credit Hour(s)

Cross-listed as ENS 411. Case method approach to judicial interpretations of environmental laws. Additional topics may include litigation as a political tactic, expansion of standing to sue and intervener funding strategies. Prerequisite: PSC/ENS 211. (UG)

PSC 415: Seminar on the Presidency

3 Credit Hour(s)

Fulfills core competencies: Civic Responsibility; Contextual Integration. This seminar focuses on the institutional powers of the modern executive, the presidential selection process, presidential campaigns and elections, presidential character and performance an presidential/congressional relations. Discussion and analysis will follow current events in presidential politics and practice. (UG)

PSC 416: Internship in Public Administration

3 Credit Hour(s)

Available to students who have declared a minor in Public Administration. Prerequisite: PSC 227. (UG)

Women's Studies

WST 215: Introduction to Women's Studies

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Cross-listed as HST 215. This course is an interdisciplinary overview of the language, concepts, and issues in the field of Women's Studies. We will explore the construction of gender by focusing upon the intersection of race, class, gender, ethnicity, sexuality, and religion in shaping women's lives, and will look at women's efforts to define their identities through work, creative activity, and through feminism. (UG)

WST 216: Women's Worlds: Global Issues in Women's Studies

3 Credit Hour(s)

Cross-listed as IND216. Fulfills Core Competencies: Contextual Integration, Critical Thinking and Problem Solving, Moral and Ethical Discernment. This LC explores women's experiences in a wide variety of cultural contexts by focusing on themes and issues shaping women's lives across the world. WST/IND216 (Women's Worlds--Global Issues in Women's Studies) examines the impact of global and transnational issues in shaping women's lives, historically and currently. (UG)

WST 217: Women and Girls in Literatre and Film

3 Credit Hour(s)

Cross-listed as IND 217. Fulfills core competencies: Affective Awareness; Moral & Ethical Discernment. This LC explores women's experiences in a wide variety of cultural contexts by focusing on themes and issues shaping women's lives across the world. WST/IND216 (Women's Worlds--Global Issues in Women's Studies) examines the impact of global and transnational issues in shaping women's lives, historically and currently. WST/IND217 (Regarding Women Women and Girls in Literature and Film) focuses on issues presented in fiction, drama, and short and full length film. The topics examined in this learning community include women's traditional roles in families and communities, capitalist economic development and poverty, the world of work, women's place in the environment, political participation, transnational movements of people and ideas, feminism, and human rights policies related to women. (UG)

WST 309: Introduction to the History of American Women

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as HST 309. This course surveys the social, political, and economic history of American women from the colonial era to the present. The class places particular emphasis on the ways in which women's experiences have been shaped by such factors as race, class, and ethnicity, as well as by gender. Prerequisites: None, but upper division status, or foundational coursework in history or women's studies, is highly recommended. (UG)

WST 317: Gender Trouble: Literature and Film

3 Credit Hour(s)

Fulfills core competency: Communication Skills; Writing Intensive. Cross-listed as LIT 317. Do the gender roles represented in literary works reflect a reality based on biological differences between the sexes? Or are gender roles simply a product of a culture's religious, economic, and political agendas? This course examines works from various genres and historical periods in order to understand how they reinforce or subvert gender stereotypes that inform and condition people's lives. Prerequisite: CMP 101 or permission of instructor. (UG)

WST 320: Gender and Policy in the US

3 Credit Hour(s)

Cross-listed as PSC 320. Fulfills core competency: Critical Thinking and Problem-Solving; Writing Intensive. This course will be a survey of the development of, and current issues involving, legal rights as they are impacted by gender in the U.S. Among the topics that will be covered are interpretation of the U.S. Constitution and gender concerns regarding equal protection, reproductive rights, political participation, education law, labor issues, and family law. The course will also address the role of feminism in the development of civil rights, including the diversity of approaches and concerns among different branches of feminism. Also addressed will be examples of ways in which males have been negatively affected by protective legislation and rigid policy approaches to gender roles. (UG)

WST 328: The Image of Women in Art and Media

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Cross-listed as IND 328. This course addresses the ways in which women have been represented visually (painting, sculpture, film, advertising). The examination will examine both historical prototypes and contemporary examples. Among the issues we will discuss in an open forum are: the depiction of women from both a masculine and feminine vantage point, how the feminist agenda has been perceived in contemporary culture to condone sexualization and objectification, and how the image conveys assumptions and knowledge. (UG)

WST 336: Sex, Love and God

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Cross-listed as REL 336 or PHI 336. Religion and sexuality each name important ways that we experience the world, other people, and our own bodies. While these experiences are deeply personal, they often invoke other political or historical values about which feelings, acts, and sexual partners are morally appropriate. Using contemporary philosophical readings and historical texts from various religious traditions, we will explore how these values changed over time and discuss why this change matters for us today. (UG)

Mathematics

Contact Information

phone: (716) 839-8541
daemen.edu/math

Mathematics Coordinator

Claudiu Mihai
(716) 839-8319

Degree Offered

- **Bachelor of Arts in Mathematics**
- **Bachelor of Science in Adolescence Education: Mathematics**
- **Bachelor of Science in Data Science** ***(currently not accepting new students)***

Minors

- **Computer Science**
- **Mathematics**

All students taking Mathematics courses must take the quantitative skills placement tests. Scores for admission to various courses are determined by the Mathematics faculty.

Mathematics/Computer Science Goals

I. Develop effective thinking and communication skills

II. Learn to use technological tools

III. Learn to link applications and theory

IV Develop mathematical independence and experience open-ended inquiry

V. Content Specific Goal: Learn the theory and application from calculus; linear algebra; data analysis; computer programming; lab science sequence; and read, analyze and produce proofs.

Additional goal for mathematics majors seeking adolescent teaching certification:

VI. Demonstrate knowledge and apply the national and state standards for mathematics instruction.

Specific learning objectives for mathematics Core courses (as outlined in the Quantitative Literacy requirement of the Core Curriculum):

A) Interpret models such as formulas, graphs, tables, and schematics, and draw inferences from them.
(B) Represent information symbolically, visually, numerically, and verbally. Use arithmetical, algebraic, geometric and statistical methods to solve problems.
(C) Estimate and check answers to problems in order to determine reasonableness, identify alternatives, and select optimal results.
(D) Recognize that quantitative methods and statistical methods have limits.

Mathematics Department Goals and Learning Objectives: as outlined by the Mathematical Association of America (MAA), "Mathematical Association of America's Committee on the Undergraduate Program in Mathematics (CUPM)." **http://www.maa.org**.

Data Science Program Objectives and Goals:

1. Develop in depth knowledge of the key tools in data science including: data mining; machine learning; data exploration; programming; and statistics.
2. Apply data science concepts and methods to produce effective solutions based on a set of data, and effectively communicate these solutions.
3. Demonstrate use of team work, leadership skills, decision-making, and communication skills.

Bachelor of Arts in Mathematics

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 57 CREDITS

- MTH144 Calculus and Analytic Geometry I (3)
- MTH145 Calculus and Analytic Geometry II (3)
- MTH246 Linear Algebra (3)
- MTH254 Calculus and Analytic Geometry III (3)
- MTH255 Calculus and Analytic Geometry IV (3)
- MTH264 Discrete Mathematics (3)
- MTH307 Introduction to Abstract Algebra I (3)
- MTH407 Advanced Calculus I (3)
- MTH414 Elementary Theory and Probability (3)
- MTH415 Theory of Mathematical Statistics (3)
- MTH459 Introduction to Mathematical Research (1)
- MTH460 Mathematics Capstone (3)
- MTH Elective- Select One:
    - MTH416 Numerical Analysis (3)
    - MTH430 Mathematics Reading List and Proseminar (3)
    - MTH457 Independent Study/ Research (3)
- CSC212 Intro to Computer Science II (3)
- PHY151/L General Physics I (4)
- PHY152/L General Physics II (4)
- CMP101 Composition (3)
- Foreign Language (6)

Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - CSC201 Intro to Computer Science I (3)
        - Choose one course from: Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (3)
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

3. Free Electives: 30 CREDITS

NOTE: *A maximum of 6 credits may be taken in Mathematics courses.*

TOTAL PROGRAM REQUIREMENTS = 123 CREDITS

Bachelor of Science in Adolescence Education: Mathematics

All Adolescence Education: Mathematics majors must be admitted into the Education Department through the Upper Division application process. No student may pursue this major without meeting the Education Department's requirements.

1. Major: 43 CREDITS

**With the exception of CMP101, a grade of C or better is required for the courses below.*

- CSC201 Intro to Computer Science (3)
- MTH144 Calculus and Analytic Geometry I (3)
- MTH145 Calculus and Analytic Geometry II (3)
- MTH246 Linear Algebra (3)
- MTH254 Calculus and Analytic Geometry III (3)
- MTH255 Calculus and Analytic Geometry IV (3)
- MTH264 Discrete Mathematics (3)
- MTH307 Introduction to Abstract Algebra I (3)
- MTH351 Modern Geometry (3)
- MTH407 Advanced Calculus I (3)
- MTH414 Elementary Theory and Probability (3)
- MTH415 Theory of Mathematical Statistics (3)
- MTH459 Introduction to Mathematical Research (1)
- MTH460 Mathematics Capstone (3)
- CMP101 English Composition (3)

2. Education Studies: 41 CREDITS

NOTE: A student who has earned a B- or less in EDU237/L in his/her first two attempts will not be allowed to pursue the teacher certification program.

**Grade of C or better is required for courses below*

- EDU213 Foundations of Education (3)
- EDU237/L Instructional Design (3/1)
- EDU314 Promoting ELA Across Content Areas (3)
- EDU336 Language/Literacy Development for the Adolescent Learner (3)
- EDU402 Methods in Classroom Management – Secondary (3)
- MTH310 Teaching Methods (3)
- SED270 Intro to the Nature and Needs of Learners with Disabilities (3)

**Grade of B- or better is required for courses below*

- EDU204 Field Based in Inclusive Education (1)
- EDU310 Practicum in Education (2)
- EDU427 Teaching to the Standards (3)
- EDU479 Student Teaching – Grades 7-9 (6)
- EDU480 Student Teaching – Grades 10-12 (6)
- SED204 Field Based in Inclusive Education (1)

3. General Education: 38 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics:
    - BIO/CHE/PHY sequence I with lab (4)
    - BIO/CHE/PHY sequence II with lab (4)
  - Social Sciences:
    - PSY214 Psychology of Adolescence (3) **C or better required*
    - Social Science (3)
  - Humanities:
    - Choose two courses in Modern Language at any level (6)

TOTAL PROGRAM REQUIREMENTS = 122 CREDITS

Admission Requirements

Three high school units of college preparatory mathematics, though trigonometry.

Admission To Upper Division Requirements (Mathematics major)

1. An overall grade point average (GPA) of 2.0 or better for all completed courses.

2. A grade point average (GPA) of 2.55 or better in Mathematics courses.
3. A minimum grade of C in: CSC201; MTH124; MTH134; MTH144; MTH145; MTH246; MTH264.
4. Students must compile and submit a portfolio for review by the Mathematics Department during the Spring semester of the Sophomore year.

Admission to Upper Division Requirements (Adolescence Education: Mathematics)

1. An **overall grade point average of 2.75 or better** for all completed college courses.
2. **A grade point average of 2.75 or better in all education courses** (ECSE, EDU & SED prefix). Please go to **http://www.college-scholarships.com/online_college_gpa_calculator.htm** to calculate.
3. A Dispositional Interview.
4. Compile and submit, for Education Department faculty review, a comprehensive emerging e-portfolio, the contents of which include the following exhibits: artifacts, facsimiles, projects, grades. Projects must be the scanned originals submitted to the professors and, therefore, include the professors' comments/corrections/annotations.

- A researched, scholarship-based paper submitted for EDU 203.
- An outline of an instructional unit, including a fully designed 3-lesson learning segment, prepared for EDU 237.
- A researched, scholarship-based paper submitted for SED 270.
- A written emerging professional resume.
- A written emerging philosophy of education
- A written emerging comprehensive reflective narrative detailing perception of current status, skills gained during coursework, targets or goals for continuing professional development, and expectations for the future (i.e., intended career choice).
- A completed Disposition Self-Assessment (DSA) containing narrative reflection showing examples to support the ranking of each of the criteria.

The absence of any of these items or an overall GPA lower than 2.75 will constitute an incomplete submission, and the portfolio will not be accepted for review. If you are missing assignments, please see your advisor before the submission date to seek advice about your options.

1. Traditionally admitted students (non-transfer students) who are seeking admission to upper division status must apply by March 19th of the second year of study.
2. **Transfer students must apply by March 19th during the semester in which they are completing EDU 267 or ECSE 280.** Transfer students who enter Daemen College with an Associate degree must submit a portfolio that includes an emerging professional resume, a written emerging philosophy of education, a comprehensive reflective narrative, and, if available, artifacts from comparable courses taken at other institutions, indicating where they were taken and the grade earned.
3. In the event of a resubmission due to extenuating circumstances approved by the department chair, the GPA will be considered closed as of the end of the spring semester. The review process will be complete by August 31st before the start of the new fall semester.

Requirements For Student Teaching

1. An overall grade point average (GPA) of 2.75
2. A grade point average (GPA) of 2.75 in all courses in the major
3. Apply for Student Teaching, usually at the end of the third year
4. Be recommended for student teaching by the Chairs of the Education and Mathematics departments

Graduation Requirements

1. An overall grade point average (GPA) of 2.00
2. A grade point average (GPA) of 2.55 in all courses in the major.
3. **ADOLESCENCE EDUCATION PROGRAM:** Minimum GPA of 2.75.

Suggested Course Sequence

Access the ***suggested*** course sequence for the **BA, Mathematics**, **BS, Adolescence Education: Mathematics**, from the Mathematics Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Science in Data Science

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

Data Science- Standard Curriculum

1. Major: 51 CREDITS

Complete the following with a C or better:

- MTH144 Calculus and Analytic Geometry I (3)
- MTH246 Linear Algebra (3)
- MTH264 Discrete Mathematics (3)
- CSC201 Introduction to Computer Science (3)
- CSC212 Introduction to Computer Science (3)
- CSC350 Data Structures (3)
- CSC400 Data Mining (3)
- CSC401 Machine Learning (3)
- CSC402 Internship (3)
- MTH324 Applied Statistics I/Lab (4/0)
- MTH325 Applied Statistics II/Lab (4/0)
- MTH400 Data Exploration (3)
- MTH459 Intro to Mathematical Research (1)
- MTH460 Capstone (3)
- PSC222 Polling and Public Opinion (3)
- PSC125 Public Policymaking (3)
- CMP101 Composition (3) *(This does not require min. grade C)*

2. Standard Curriculum Specialization: 21 CREDITS

Complete the following with a C or better:

- MTH145 Calculus and Analytic Calculus II (3)
- MTH254 Calculus and Analytic Geometry (3)
- MTH255 Calculus and Analytic Geometry IV (3)
- MTH414 Elementary Theory of Probability (3)
- MTH415 Theory of Mathematical Statistics (3)
- Take 6 additional credits in CSC and/or MTH at a minimum of 200 level or higher

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - CMP301 (3)*
    - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

*Note: * Minimum grade C required*

4. Free Electives: 12 CREDITS

- 3 credits must be Service Learning

NOTE: *Courses in the major are not allowed*

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Data Science- Health Promotion Curriculum

1. Major: 51 CREDITS

Complete the following with a C or better:

- MTH144 Calculus and Analytic Geometry I (3)
- MTH246 Linear Algebra (3)
- MTH264 Discrete Mathematics (3)
- CSC201 Introduction to Computer Science (3)
- CSC212 Introduction to Computer Science (3)
- CSC350 Data Structures (3)
- CSC400 Data Mining (3)
- CSC401 Machine Learning (3)
- CSC402 Internship (3)
- MTH324 Applied Statistics I/Lab (4/0)
- MTH325 Applied Statistics II/Lab (4/0)
- MTH400 Data Exploration (3)
- MTH459 Intro to Mathematical Research (1)
- MTH460 Capstone (3)
- PSC-222 Polling and Public Opinion (3)
- PSC-125 Public Policymaking (3)
- CMP-101 Composition (3) *(This does not require min. grade C)*

2. Health Promotion Specialization: 21 CREDITS

Complete the following with a C or better:

- HPR102 Introduction to Health Care: Systems and Professions (3)
- HPR234 Foundations of Public Health (3)
- HPR305 Communicating Health (3)
- HPR313 Principles of Health Behavior Change (3)
- HPR320 Community Health Education and Disease Prevention (3)
- HPR338 Social Determinants of Health (3)
- HPR353 Introduction to Epidemiology (3)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - Choose two courses from: Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
    - Humanities:
        - CMP-301 (3)*
        - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

*Note: * Minimum grade C required*

4. Free Electives: 12 CREDITS

- 3 credits must be Service Learning

NOTE: *Courses in the major are not allowed*

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Data Science- Marketing Curriculum

1. Major: 51 CREDITS

Complete the following with a C or better:

- MTH144 Calculus and Analytic Geometry I (3)
- MTH246 Linear Algebra (3)
- MTH264 Discrete Mathematics (3)
- CSC201 Introduction to Computer Science (3)
- CSC212 Introduction to Computer Science (3)
- CSC350 Data Structures (3)

- CSC400 Data Mining (3)
- CSC401 Machine Learning (3)
- CSC402 Internship (3)
- MTH324 Applied Statistics I/Lab (4/0)
- MTH325 Applied Statistics II/Lab (4/0)
- MTH400 Data Exploration (3)
- MTH459 Intro to Mathematical Research (1)
- MTH460 Capstone (3)
- PSC-222 Polling and Public Opinion (3)
- PSC-125 Public Policymaking (3)
- CMP-101 Composition (3) *(This does not require min. grade C)*

2. Marketing Specialization: 21 CREDITS

Complete the following with a C or better:

- MKT209 Principles of Marketing (3)
- MKT210 E-Commerce (3)
- MKT302 Physical Distribution Management (3)
- MKT310 Foreign Marketing of International Business (3) or
  MKT313 Customer Relations (3)
- MKT312 Promotional Strategies (3)
- MKT335 Market Research (3)
- MKT420 Marketing Planning and Strategy (3)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - CMP-301 (3)*
    - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

*Note: * Minimum grade C required*

4. Free Electives: 12 CREDITS

- 3 credits must be Service Learning

NOTE: *Courses in the major are not allowed*

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Data Science- Sport Management Curriculum

1. Major: 51 CREDITS

Complete the following with a C or better:

- MTH144 Calculus and Analytic Geometry I (3)
- MTH246 Linear Algebra (3)
- MTH264 Discrete Mathematics (3)
- CSC201 Introduction to Computer Science (3)
- CSC212 Introduction to Computer Science (3)
- CSC350 Data Structures (3)
- CSC400 Data Mining (3)
- CSC401 Machine Learning (3)
- CSC402 Internship (3)
- MTH324 Applied Statistics I/Lab (4/0)
- MTH325 Applied Statistics II/Lab (4/0)
- MTH400 Data Exploration (3)
- MTH459 Intro to Mathematical Research (1)
- MTH460 Capstone (3)
- PSC-222 Polling and Public Opinion (3)
- PSC-125 Public Policymaking (3)
- CMP-101 Composition (3) *(This does not require min. grade C)*

2. Sport Management Specialization: 21 CREDITS

Complete the following with a C or better:

- BA350 Business Law I (3)
- BA405 Legal Issues in Sport Management (3)
- MGT208 Principles of Management (3)
- MGT260 Introduction to Sport Management (3)
- MKT209 Principles of Marketing (3)
- MKT312 Promotional Strategies (3)
- MKT402 Sport Marketing (3)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - Choose two courses from: Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
    - Humanities:
        - CMP-301 (3)*
        - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

*Note: * Minimum grade C required*

4. Free Electives: 12 CREDITS

- 3 credits must be Service Learning

NOTE: *Courses in the major are not allowed*

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Data Science- Political Science Curriculum

1. Major: 45 CREDITS

Complete the following with a C or better:

- MTH144 Calculus and Analytic Geometry I (3)
- MTH246 Linear Algebra (3)
- MTH264 Discrete Mathematics (3)
- CSC201 Introduction to Computer Science (3)
- CSC212 Introduction to Computer Science (3)
- CSC350 Data Structures (3)
- CSC400 Data Mining (3)
- CSC401 Machine Learning (3)
- CSC402 Internship (3)
- MTH324 Applied Statistics I/Lab (4/0)
- MTH325 Applied Statistics II/Lab (4/0)
- MTH400 Data Exploration (3)
- MTH459 Intro to Mathematical Research (1)
- MTH460 Capstone (3)
- CMP-101 Composition (3) *(This does not require min. grade C)*

2. Political Science Specialization: 21 CREDITS

Complete the following with a C or better:

- PSC113 Introduction to American Politics (3)
- PSC125 Introduction to Public Policy (3)
- PSC222 Polling and Public Opinion (3)

Complete 12 credits in courses selected from the following:

- PSC101 Comparative Politics (3)
- PSC115 Hollywood and Politics: Introduction Political Science Through Popular Culture (3)
- PSC121 International Relations (3)
- PSC215 Issues in Public Policy (3)

- PSC216 Politics of (Mis)Representation: The Importance of Political Geography (3)
- PSC217 American Political Parties and Pressure Groups (3)
- PSC224 Influence Politics: The American Voter in Campaigns and Elections (3)
- PSC227 Introduction to Public Administration (3)
- PSC231 Global Governance (3)
- PSC232 International Political Economy (3)
- PSC233 Democracy in America (3)
- PSC311 Congress and the chaos of Democracy (3)
- PSC401 American Foreign Policy (3)
- PSC415 Seminar on the Presidency (3)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - CMP-301 (3)*
    - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

*Note: * Minimum grade C required*

4. Free Electives: 18 CREDITS

- 3 credits must be Service Learning

***NOTE:** Courses in the major are not allowed*

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Admission Requirements

Three high school units of college preparatory mathematics, through trigonometry.

Admission To Upper Division Requirements

1. An overall grade point average (GPA) of 2.0 or better for all completed courses.
2. A grade point average (GPA) of 2.55 or better in CSC and MTH courses.
3. A minimum grade of C in all major and specialization courses.
4. Students must compile and submit a portfolio for review by the Mathematics Department during the Spring semester of the Sophomore year.

Suggested Course Sequence

Access the ***suggested*** course sequence for the **BS, Data Science** from the Mathematics Department web page or the Program Plans site on the Registrar's web page.

Computer Science Minor

Requirements (15 credits)

- CSC201 Introduction to Computer Science I (3)
- CSC212 Introduction to Computer Science II (3)
- Select 9 credits in Computer Science courses at the 200 level or higher

Mathematics Minor

Requirements (15 credits)

- MTH144/145/254 Calculus and Analytic Geometry I/II/III (3/3/3)
- MTH246 Linear Algebra (3)
- MTH264 Discrete Mathematics (3)

Computer Science

CSC 100: Computer Literacy

3 Credit Hour(s)

This course is designed to provide students with the basic concepts of computing systems and information systems. Students gain knowledge of how computers are used in today's society and are introduced to applications packages. (UG)

CSC 101: Introduction to Computer Programming

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Introduction to programming. Problems analysis and algorithms. Discussion of computer systems and use. A substantial amount of BASIC programming is included. Prerequisite: MTH 97 (or adequate competence as determined by mathematics placement). (UG)

CSC 201: Introduction to Computer Science

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Introduction to the basic concepts of computer science. Covers fundamental computer science concepts and programming in C++. Includes these topics: computing system concepts, problem solving, algorithm design, top-down development, program testing and documentation, data types (built-in and enumerated), data manipulation, sequences, selection, loops, modules, parameters, arrays, records, strings, files, introduction to sorting and searching techniques and other basic algorithms. Requires extensive programming. Prerequisite: MTH 131 or MTH 144 or equivalent placement. (UG)

CSC 212: Introduction to Computer Science II

3 Credit Hour(s)

A continuation of CSC 201. Covers abstract data structures and their operations, and software concepts. Includes these topics: program development (interpreting specifications, top-down development, information hiding, structured testing), implementation of built-in data types and structures, files, pointers, stacks, queues, linked lists, recursion, trees, graphs, searching and sorting algorithms, and an introduction to complexity analysis of algorithms. Requires extensive programming. Prerequisite: A grade of C or better in CSC 201. (UG)

CSC 310: Introduction to Computer Systems and Organization

3 Credit Hour(s)

Study of the relationships between computer systems, software concepts and programming technologies. Computer architecture, language processors and systems resources are also studied. Prerequisite: CSC 212. (UG)

CSC 350: Data Structures

3 Credit Hour(s)

Essentials of data structures and data structure algorithms. Includes lists, stacks, queues, linked lists, trees, binary trees, sorting, hashing, etc. Programming in a modern language. Prerequisite: CSC 212. (UG)

CSC 400: Data Mining

3 Credit Hour(s)

This course discusses techniques for preposcessing data or analysis and presents the concepts related to data warehousing, online analytical processing (OLAP), and data generalization. It presents methods for mining frequent patterns, associations, and correlations. It also presents methods for data classification and predicition, data-clustering approaches, and outlier analysis. Topics will include: Rule induction; decision trees; naive Bayesian probability; neural networks, image processing, perception and supoprt vector machines, ensemble methods; boosting, begging and random forests, cross validation, ROC, clustering and rule mining; association rule mining, time series (UG)

CSC 402: Internship

3 Credit Hour(s)

Cross-listed as MTH 402.This course is designed to provide the student with a structured experience to apply basic tools in data analysis to decision making. The course consists of a 150 clock hour supervised placement (10 hours per week at site), along with a weekly class Seminar. (Students are not permitted to work less than 10 hours for their practicum hours). Students must work with a company who employs data analytic tools to make business decisions. (UG)

CSC 405: Operating Systems

3 Credit Hour(s)

Study of some of the functions of the operating system, such as management of processes, storage and files. An operating system is studied in depth. The history and development of operations systems, process concepts, management and scheduling, real and virtual storage, file storage and access will also be covered. Prerequisites: CSC 310 and 350. (UG)

CSC 416: Numerical Analysis

3 Credit Hour(s)

Cross-listed as MTH 416. Study of finite differences, interpolation, root finding algorithms, numerical differentiation and integration, linear systems and matrices, eigenvalues and eigenvectors. Numerical solution of ordinary differential equations. Prerequisite: MTH 145. (UG)

Mathematics

MTH 100: Mathematics in Our Daily Life

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Fulfills Quantitative Literacy requirement. A course designed to improve students' application of mathematical concepts in their everyday experience. These concepts will be developed through inductive/deductive reasoning, and topics such as fractal, pattern, sequences, geometry, logic, and statistics. Not offered for credit to mathematics majors. Prerequisite: MTH 97 or adequate competence as determined by mathematics placement. Offered As Needed. (UG)

MTH 104: Survey of Statistics

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Quantitative Literacy. An intuitive study of descriptive and inferential statistics with emphasis on applications using a statistical package. Prerequisite: MTH 97 (or adequate competence as determined by the mathematics placement). This course is not permitted for BA Math majors. (UG)

MTH 111: Mathematics for Elementary School Teachers

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Quantitative Literacy. Basic ideas underlying mathematics in general, arithmetic and geometry in particular. Prerequisites: MTH 97 or adequate competence as determined by mathematics placement. For Education majors only. (UG)

MTH 112: Geometry and Logic

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Quantitative Literacy. The second of a two-course sequence for future elementary teachers. Elementary logic and truth tables, geometric entities with their properties as sets of points, coordinate geometry, measurement, other geometries. Prerequisite: MTH 111. (UG)

MTH 124: College Algebra

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Quantitative Literacy. The real number system, first and second degree equations and inequalities, exponents, polynomials and rational functions are studied in depth. Elementary analytic geometry is also covered. Prerequisite: Grade C in MTH 97 (or adequate competence as determined by mathematics placement). (UG)

MTH 131: Calculus and Mathematics for Business and Social Sciences

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Quantitative Literacy. This course is specifically designed for non-science majors. It covers single and multi-variables calculus, linear algebra including the simplex method for linear programming, with their applications in business and social sciences. Prerequisite: MTH 124 (or adequate competence as determined by mathematics placement). (UG)

MTH 134: Pre-Calculus

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Quantitative Literacy. Topics in this pre-calculus mathematics course include functions; graphing; polynomial, exponential, and logarithmic functions; and trigonometry. Intended for students who must take calculus but who lack the necessary background. Prerequisite: MTH 124 (or adequate competence as determined by mathematics placement). (UG)

MTH 144: Calculus and Analytic Geometry I

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Quantitative Literacy. Limits, continuity, differentiation, anti-differentiation, definite integrals, transcendental functions, formal integration, and application to physical, natural and engineering sciences. Prerequisite: Minimum grade C in MTH 134 (or adequate competence as determined by mathematics placement). (UG)

MTH 145: Calculus and Analytic Calculus II

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Quantitative Literacy. Limits, continuity, differentiation, anti-differentiation, definite integrals, transcendental functions, formal integration, and application to physical, natural and engineering sciences. Prerequisite: Minimum grade C in MTH 144 (or adequate competence as determined by mathematics placement). (UG)

MTH 246: Linear Algebra

3 Credit Hour(s)

This course is an introduction to linear algebra. Topics covered include systems of linear equations, vector spaces and subspaces, dimension of vector spaces, linear transformations and eigenvalues. The interrelationship between these concepts is emphasized. An attempt is made to provide motivation for abstract ideas by presenting them as natural generalizations of familiar geometric concepts. Prerequisite: a grade of a C or better in MTH 144 or equivalent. (UG)

MTH 254: Calculus and Analytic Geometry

3 Credit Hour(s)

Polar coordinates, infinite sequences, series, vector algebra and geometry, two and three dimensional vector algebra, calculus of functions of several variables, vector differential calculus lines and surface integrals. Prerequisite: a grade of a C or better in MTH 145. (UG)

MTH 255: Calculus and Analytic Geometry IV

3 Credit Hour(s)

Polar coordinates, infinite sequences, series, vector algebra and geometry, two and three dimensional vector algebra, calculus of functions of several variables, vector differential calculus lines and surface integrals. Prerequisite: MTH 254. (UG)

MTH 264: Discrete Mathematics

3 Credit Hour(s)

Study of a variety of discrete mathematical systems. Introduction to mathematical logic and its applications; sets, relations, and functions; combinatorics; discrete number systems; induction, recursion and generating functions; graph theory; lattices and boolean algebra. Prerequisite: Minimum grade C in MTH 144. (UG)

MTH 274: Differential Equations

3 Credit Hour(s)

Ordinary equations of the first, second and higher orders; linear differential equations with constant coefficients; applications in physics and geometry. Solutions of linear systems of ordinary differential equations. Prerequisite: MTH 145. (UG)

MTH 303: Introduction to Proofs

3 Credit Hour(s)

A course that teaches students how to read and construct proofs as they are typically presented in the textbook, journal articles, and other mathematical literature, at the appropriate level. Prerequisites: Minimum grades of C in MTH 145 and MTH 264. (UG)

MTH 307: Introduction to Abstract Algebra I

3 Credit Hour(s)

This is the first part of a two-course sequence. Introduction to theory of groups, rings, ideals, integral domains and fields; vector spaces, matrices and determinants. Prerequisite: MTH 145 and upper division status. (UG)

MTH 308: Introduction to Abstract Algebra II

3 Credit Hour(s)

This is part two of a two-course sequence. Introduction to theory of groups, rings, ideals, integral domains and fields; vector spaces, matrices and determinants. Prerequisite: MTH 307 and upper division status. (UG)

MTH 310: Methods in Teaching Secondary and Middle School Mathematics

3 Credit Hour(s)

Practicum level course. An introduction to the secondary school curriculum and pedagogical implications for teaching mathematics. Topics include developing lesson plans, exploring assessment techniques, and special learning techniques. Incluses, lectures, the role of technology as a teaching resource and classroom tool, and classroom management issues. Prerequisite Upper division status; taken with the practicum course block. This course cannot be used as a math elective for BA math majors or Education majors with math area studies. Offered As Needed. (UG)

MTH 324: Applied Statistics I

4 Credit Hour(s)

An introduction to descriptive and inferential statistics with emphasis on applications in health sciences, marketing, finance, and political science. Students will explore commonly used descriptive and inferential statis- tical techniques; and learn how to apply these techniques using the computer software R and interpret the correspond- ing results. Topics will include: basic descriptive statistics, basic probability, sampling distributions, inferential statistics, and parametric and non-parametric tests of association. Prerequisite: MTH 144, CSC 201, and CSC 212. (UG)

MTH 324L: Applied Statistics I Lab

0 Credit Hour(s)

Laboratory techniques for Applied Statistics I. Corequisite: MTH 324 (UG)

MTH 325: Applied Statistics II

4 Credit Hour(s)

An introduction to statistical regression models with emphasis on applications in health sciences, marketing, finance, and political science. Students will explore commonly used regression techniques, including: univariate and multi-variable linear models, logistic regression models, and ANOVA models represented as general linear models. These methods will be illustrated using the computer software R. Time permitting, advanced topics will include time-series models and statistical measures of validity (sensitivity, specificity, and basic ROC analyses). Prerquisite: MTH 324. (UG)

MTH 325L: Applied Statistics II Lab

0 Credit Hour(s)

Laboratory techniques for Applied Statistics II. Corequisite: MTH 325 (UG)

MTH 351: Modern Geometry

3 Credit Hour(s)

Historical background, transformational geometry: mapping and transformation, synthetic plane geometry: Mobius and hyperbolic geometry, other geometries: projective geometry, pseudo geometry, universal and multidimensional projective geometry. Prerequisites: MTH 145 and MTH 264 and upper division status. Offered As Needed. (UG)

MTH 400: Data Exploration

3 Credit Hour(s)

An advanced statistical methods course on exploratory data analysis and its application in the fields of health science, marketing, finance, and political science. Using the R software package, students will examine the basic tenants of Exploratory Data Analysis (EDA). Topics will include: transforming and standardizing data, handling missing data, data visualization (distributions, relationships, clusters, et.), data summarization, data reduction, cluster identification, and hypothesis development. Prerequisite: MTH 325 and CSC 350 (UG)

MTH 402: Internship

3 Credit Hour(s)

Cross-listed as CSC 402. This course is designed to provide the student with a structured experience to apply basic tools in data analysis to decision making. The course consists of a 150 clock hour supervised placement (10 hours per week at site), along with a weekly class Seminar. (Students are not permitted to work less than 10 hours for their practicum hours). Students must work with a company who employs data analytic tools to make business decisions. (UG)

MTH 407: Advanced Calculus

3 Credit Hour(s)

This is part one of a two-course sequence. A rigorous study of calculus, sequence, real number system, functions, limits, continuity, differentiation, integration, infinite series. Prerequisite: MTH 255 and upper division status. Offered As Needed. (UG)

MTH 408: Advanced Calculus II

3 Credit Hour(s)

This is part two of a two-course sequence. A rigorous study of calculus, sequence, real number system, functions, limits, continuity, differentiation, integration, infinite series. Prerequisite: MTH 407. Offered As Needed. (UG)

MTH 414: Elementary Theory of Probability

3 Credit Hour(s)

Algebra of sets applied to discrete sample spaces; combinational analysis; conditional probability; binomial, Poisson and normal distributions. Applications of advanced probability techniques to a research problem. Prerequisite: MTH 145, MTH 264 and upper division status, or permission of instructor. Offered As Needed. (UG)

MTH 415: Theory of Mathematical Statistics

3 Credit Hour(s)

Sampling, distributions, statistical inference, estimation, confidence intervals, hypothesis testing and regression. Prerequisite: MTH 414. Offered As Needed. (UG)

MTH 416: Numerical Analysis

3 Credit Hour(s)

Cross-listed as CSC 416. Study of finite differences, interpolation, root finding algorithms; numerical differentiation and integration. Numerical solution of ordinary differential equations. Prerequisite:MTH 145. Offered As Needed. (UG)

MTH 430: Mathematics Reading List and Proseminar

3 Credit Hour(s)

History, development and foundations of mathematics. Prerequisite: MTH 264 and upper division status. Offered As Needed. (UG)

MTH 457: Independent Study or Research

1-6 Credit Hour(s)

Individually arranged reading and research. Open to qualified students at the invitation of the faculty. Offered As Needed. (UG)

MTH 459: Introduction to Mathematical Research

1 Credit Hour(s)

In this course students select topics for their research project and make substantial progress on researching the senior thesis required in MTH 460 Mathematics Capstone. Students are required to submit a polished research proposal and an annotated bibliography and to make an oral presentation of the research proposal to the class. Prerequisite: Upper division status in the Mathematics Department. Offered as Needed. (UG)

MTH 460: Mathematics Capstone

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Research and Presentation requirement. Writing Intensive. This course has been designed to give students an introduction to research and literature in mathematics. Students will demonstrate their research, analytical, oral, and writing skills by researching and writing an original document (minimum 12 pages) based on sources appropriate to the discipline and approved by the instructor. At the end of the semester students will offer oral presentations to the class with selected members of the Daemen College community in attendance. Prerequisite: Junior/Senior status. Offered As Needed. (UG)

MTH 90: Pre-Algebra

3 Credit Hour(s)

This self-paced course emphasizes basic computational skills including whole number operations, fractions, mixed numbers, decimal fractions, ratios and proportions, signed numbers, simple linear equations and operations on polynomials. As a student's level of preparation for entry into this course may vary, mastery of course content may require enrollment in the course for more than one semester. Offered Each Semester. Please note: The number of credits this course carries are in clock hours, not institutional credit hours. A clock hour course will not advance your degree progress; rather, it is designed to strengthen your skill in order to qualify for a credit-bearing course in this area of study or in a related field. The clock hours DO count, however, towards your course load and for financial aid purposes. (UG)

MTH 96: Developmental Skills in Basic Mathematics

3 Credit Hour(s)

This course emphasizes computational and fundamental skills, including whole numbers, fractions, decimals, proportions, percents, and beginning algebra. Offered in HEOP Summer Program. Please note: The number of credits this course carries are in clock hours, not institutional credit hours. A clock hour course will not advance your degree progress; rather, it is designed to strengthen your skill in order to qualify for a credit-bearing course in this area of study or in a related field. The clock hours DO count, however, towards your course load and for financial aid purposes. (UG)

MTH 97: Basic Mathematics

3 Credit Hour(s)

This course covers the essentials of algebra, including signed numbers, fractions, factoring, polynomials, rational functions, solving equations, and word problems. Intended for students needing skills in mathematics. Prerequisite: MTH-90 or adequate competency as determined by mathematics placement. Offered Each Semester. Please note: The number of credits this course carries are in clock hours, not institutional credit hours. A clock hour course will not advance your degree progress; rather, it is designed to strengthen your skill in order to qualify for a credit-bearing course in this area of study or in a related field. The clock hours DO count, however, towards your course load and for financial aid purposes. Please note: This is a developmental course. Students needing this course are required to register for it upon placement and to remain enrolled until satisfactory completion. Course withdrawal is not allowed except by permission of both the instructor and the student's advisor. (UG)

Natural Sciences

Contact Information

phone: (716) 839-8541
daemen.edu/naturalsciences

Chair

Caitlyn Montross
(716) 839-8405

Degrees Offered

- **Bachelor of Arts in Biology**
- **Bachelor of Science in Biochemistry**
- **Bachelor of Science in Biology**
- **Bachelor of Science in Adolescence Education: Biology**
- **Bachelor of Science in Biology/Master of Science in Cytology**
- **Bachelor of Science in Natural Science**
- **Bachelor of Science in Natural Sciences/ Master in Public Health**

Minors

- **Biology**
- **Chemistry**
- **Equity, Access, Services & Engagement (EASE)**

3+ 4 Program with Lincoln Memorial University College of Veterinary Medicine

Daemen University and Lincoln Memorial University College of Veterinary Medicine **http://vetmed.lmunet.edu** have partnered to offer highly qualified students an opportunity to earn their Doctor of Veterinary Medicine in 7 years. Up to 20 students are accepted as first-year students into this accelerated program annually and are guaranteed seats in the LMU-CVM program as long as they meet program requirements, including a specified grade point average. After 3 years of classes at Daemen University and successful completion of their first year of veterinary medical school at LMU, a B.S. in Natural Science will be conferred by Daemen University.

Lincoln Memorial University's College of Veterinary Medicine is located in the beautiful rolling hills of Harrogate, Tennessee with state-of-the-art facilities. Students begin hands-on training with animals in their first semester with a wide variety of species located at LMU-CVM's DeBusk Veterinary Teaching Center housed on 700 acres in Ewing, Virginia (12 miles from the main campus). Fourth-year clinicals are offered off-site, including locations in Western New York.

3+ 4 Program with the University of Buffalo School of Pharmacy and Pharmaceutical Sciences

Daemen University and the University of Buffalo School of Pharmacy and Pharmaceutical Sciences have partnered to offer highly qualified students an opportunity to earn their Doctor of Pharmacy degree in 7 years. Two students are accepted as first-year students into this program annually and are guaranteed seats in the UB School of Pharmacy Pharm.D program as long as they meet program requirements, including a specified grade point average. The student will spend three years at Daemen, then complete their fourth undergraduate year at UB in the Pharmacy program. After the successful completion of the first year of pharmacy school, a B.S. in Natural Science/Health Sciences Specialization will be conferred by Daemen University.

The UB Pharmacy School, the only pharmacy school in the SUNY system, is ranked among the top pharmacy schools in the U.S. and one of the top departments in the world in pharmacokinetics, pharmacodynamics, and biopharmaceutics.

Interested applicants and students need to consult with Daemen UniversityAdmissions as well as the faculty in the Department of Natural Sciences regarding requirements for admission and program details.

3 + 4 Program with the D'Youville College School of Pharmacy

Daemen University and the D'Youville College School of Pharmacy have partnered to offer highly qualified students an opportunity to earn their Doctor of Pharmacy degree in 7 years. The student will spend three years at Daemen, then complete their fourth undergraduate year at D'Youville in the Pharmacy program. After the successful completion of the first year of pharmacy school, a B.S. in Natural Science/Health Sciences Specialization will be conferred by Daemen University.

Interested applicants and students need to consult with Daemen University Admissions as well as the faculty in the Department of Natural Sciences regarding requirements for admission and program details.

Requirements for Admission of First-Year Students

High school chemistry and mathematics through trigonometry.

Admission to Upper Division Requirements (all majors and specializations except Adolescence Education: Biology – see separate section)

1. A completed application with an essay must be submitted to the Natural Sciences Department by the date published in the academic calendar.
2. An overall grade point average (GPA) of 2.0 was earned at the end of the sophomore year. Biochemistry majors pursuing pre-professional studies must earn an overall grade point average (GPA) of 2.75 at the end of their sophomore year.
3. A minimum grade of C earned in lectures and labs is as follows:

ALL BIOLOGY PROGRAMS

- BIO109-110
- CHE110-111; 301-302
- MTH134 (if required as a prerequisite to MTH144)
- NSC231
- Six credits of 300-level Biology may be substituted for CHE301-302. An additional 3 credits of 300-level Biology may be substituted for NSC231.

BIOCHEMISTRY PROGRAM

- BIO109-110
- CHE110-111; 301-302
- MTH134 (if required as a prerequisite to MTH144)
- NSC231
- Biochemistry majors pursuing pre-professional studies must also earn a minimum of C in MTH144.
- **NOTE:** In place of NSC231, an additional 3 credit hours of Chemistry at the 300 level, with a grade of C or better, may be substituted.

NATURAL SCIENCE PROGRAMS

ENVIRONMENTAL STUDIES SPECIALIZATION

- BIO109-110
- CHE110-111; 301-302
- MTH134 (if required as a prerequisite to MTH144)
- NSC231
- Six credits of 300 level Biology may be substituted for CHE301-302.
- An additional 3 credits of 300 level Biology may be substituted for NSC231.

FORENSIC SCIENCE SPECIALIZATION

- BIO109-110
- CHE110-111
- MTH134
- NSC231
- 6 credit hours of Biology or Chemistry at the 300-level or above.

HEALTH SCIENCES SPECIALIZATION

- BCH317

- BIO109-110
- CHE110-111
- MTH134
- NSC231
- 3 credit hours of 300-level or above Biology or Chemistry.
- An additional 3 credit hours of 300-level Biology or Chemistry with C or better may be substituted for NSC231.

INDIVIDUALIZED STUDIES TRACK

- BIO109-110
- CHE110-111
- MTH134 (if required as a prerequisite to MTH144)
- NSC231
- 6 credit hours of Biology or Chemistry at the 300-level or above.
- An additional 3 credit hours of Biology or Chemistry at the 300-level may be substituted for NSC231.

Admission to Upper Division – Adolescence Education: Biology

1. An **overall grade point average of 2.75 or better** for all completed university courses.
2. **A grade point average of 2.75 or better in all education courses** (ECSE, EDU & SED prefix).
3. A Dispositional Interview.
4. Compile and submit, for Education Department faculty review, a comprehensive emerging e-portfolio, the contents of which include the following exhibits: artifacts, facsimiles, projects, and grades. Projects must be scanned originals submitted to the professors and, therefore, include the professors' comments/corrections/annotations.

- A researched, scholarship-based paper submitted for EDU 203.
- An outline of an instructional unit, including a fully designed 3-lesson learning segment, prepared for EDU 237.
- A researched, scholarship-based paper submitted for SED 270.
- A written emerging professional resume.
- A written emerging philosophy of education
- A written emerging comprehensive reflective narrative detailing perception of current status, skills gained during coursework, targets or goals for continuing professional development, and expectations for the future (i.e., intended career choice).
- A completed Disposition Self-Assessment (DSA) containing narrative reflection showing examples to support the ranking of each of the criteria.

The absence of any of these items or an overall GPA lower than 2.75 will constitute an incomplete submission, and the portfolio will not be accepted for review. If you are missing assignments, please see your advisor before the submission date to seek advice about your options.

7. Traditionally admitted students (non-transfer students) who are seeking admission to upper division status must apply by March 19th of the second year of study.

8. **Transfer students must apply by March 19 during the semester in which they are completing EDU 267 or ECSE 280.** Transfer students who enter Daemen University with an associate degree must submit a portfolio that includes an emerging professional resume, a written emerging philosophy of education, a comprehensive reflective narrative, and, if available, artifacts from comparable courses taken at other institutions, indicating where they were taken and the grade earned.

9. In the event of a resubmission due to extenuating circumstances approved by the department chair, the GPA will be considered closed as of the end of the spring semester. The review process will be complete by August 31st before the start of the new fall semester.

Requirements for Student Teaching:

1. An overall grade point average (GPA) of 2.75.

2. A grade point average (GPA) of 2.75 in all courses in the major.
3. Apply for Student Teaching, usually at the end of the third year.
4. Be recommended for student teaching by the Chairs of the Education and Natural Sciences departments.

Pre-Professional Studies

Although no specific major is required to apply for postgraduate study in any of the medical fields (e.g. medicine, dentistry, veterinary medicine, podiatry, osteopathy, optometry), certain courses are recognized as beneficial to students considering such career options. These are the basis for the Bachelor of Science in Biochemistry with a Pre-Professional specialization. Professional programs in medically related fields give preference to students who have completed courses in biology, general chemistry, organic chemistry, physics, and English. Also helpful are courses in biochemistry, biostatistics, and genetics.

Requirements for Recommendation for Admission to Professional Schools

Senior Status in Pre-Professional program; a cumulative grade point average (GPA) of 3.0, and an average of B earned in mathematics and science courses in the first three years.

GRADUATION REQUIREMENTS

1. A minimum grade of C in all Science courses and MTH144.
2. An overall grade point average (GPA) of 2.00. Biochemistry majors pursuing pre-professional studies must earn an overall grade point average (GPA) of 3.00.
3. **TEACHER CERTIFICATION MAJORS**: A minimum GPA of 2.75.

Departmental Mission Statement

The Daemen University Natural Sciences Department prepares students for life and leadership in a rapidly changing, technological society. Science is an integral part of the liberal arts reflecting the creative and dynamic interplay that exists among experimentation, theory, logic, symmetry, and language. Emphasis is placed on developing the critical thinking and problem-solving skills necessary to understand and apply scientific concepts to real-world problems. In this spirit, the faculty and students collaborate in the exploration of our changing world through classroom and research opportunities.

Student Learning Objectives for Natural Sciences

OUR DEPARTMENTAL GOALS ARE AS FOLLOWS:

Learning Goal 1. Students will apply scientific knowledge, concepts, and terminology to analyze and predict the behavior of natural systems, evaluate the validity and applicability of scientific theories and models, and infer new scientific knowledge from their existing base of knowledge.

Learning Goal 2. Students will apply experimental, laboratory, and data analysis skills in order to answer scientific questions.

Learning Goal 3. Students will effectively, accurately, and ethically communicate scientific ideas in written, oral, and visual formats for a range of audiences and purposes.

Learning Goal 4. Students will contextualize and apply scientific skills and knowledge in situations of societal and ethical importance.

Bachelor of Arts in Biology

POSTED BY: TOM WOJCIECHOWSKI JUNE 23, 2018

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

Required Courses

1. Major: 54 CREDITS

- BIO109/L General Biology I (3/1)
- BIO110L General Biology II (3/1)
- BIO436/L Evolutionary Biology (4/0)
- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- NSC310 Biostatistics (3)
- **SELECT ONE**:
  - BIO302/L General Ecology (3/1) **OR**
  - BIO325/L Cell Biology (3/1)
- **Science Electives:** 18 credits to be selected from **recommended Science courses**.
- **Foreign Language Requirement: 6 credits**
  - Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.
- CMP101 Composition I (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH134 Precalculus (3)
    - Choose one course from any exploration (Math/Science, Social Sciences, Humanities) (3)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - CMP311 Adv English Composition (3)
    - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

3. Free Electives: 30 CREDITS

- Courses from the Natural Science Department are not allowed.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Suggested Course Sequence

Access the suggested course sequences for: **BA in Biology**, from the Natural Sciences Department web page or the Program Plans site on the Registrar's web page.

Next post ›

Bachelor of Science in Biochemistry

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 79 CREDITS
    - **The following courses require C or better**:
    - BCH313/L General Biochemistry (3/1)
    - BCH401 Biological Organic Chemistry (3) **OR** CHE420 Medicinal Chemistry (3)
    - BCH/BIO440/L Molecular Biology (3/1)
    - BIO109/L General Biology I (3/1)
    - BIO110L General Biology II (3/1)
    - CHE110/L Chemistry I (4/0)
    - CHE111/L Chemistry II (4/0)
    - CHE301/L Organic Chemistry I (3/1)
    - CHE302/L Organic Chemistry II (3/1)
    - CHE303/L Introduction to Physical Chemistry (4/0)
    - CHE311/L Contemporary Chemical Analysis (4/0)
    - NSC231 Natural Science: Scientific Language and Literacy (3)
    - NSC331 Natural Science Literature Survey (2)
    - NSC443 Natural Science Research Seminar (2)
    - CMP101 English Composition (3) *(This does not require min. grade C)*
    - SELECT ONE SEQUENCE (8 CREDITS)
        - PHY201/L-202/L Physics I-II (3/1-3/1)
        - PHY151/L-152/L General Physics I-II (4/0-4/0)
    - SCIENCE ELECTIVES:

      18 credits to be selected from **recommended Science courses**. Courses must be at the 300 level or higher. Students will consult their Advisor for a selection of courses most suitable to their professional career goals.
2. General Education Curriculum: 36 CREDITS
    - First Year Seminar (3)
    - Learning Communities (6)
    - Depth – Discovery (9)
    - Breadth – Exploration:
        - Natural Sciences and Mathematics:
            - MTH144 Calculus and Analytical Geometry I (3)*
            - Choose one course from any exploration (Math/Science, Social Sciences, Humanities) (3)
        - Social Sciences:
            - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
        - Humanities:
            - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)
3. Free Electives: 6 CREDITS
    - No courses in the Major are allowed (science courses determined By the Natural Science chair to be non-major courses are allowed).

Note: *Minimum grade C required

TOTAL PROGRAM REQUIREMENTS = 121 CREDITS

Requirements for **Biology, Biochemistry, Natural Sciences Programs: Admission, Admission to Upper Division, Graduation** consult the Natural Sciences department section of the catalog or the Program Plans option on the Registrars web page.

Suggested Course Sequence

Access the suggested course sequence for the **B.S., Biochemistry** from the Natural Sciences Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Science in Biology

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BS, Biology- Standard Curriculum

1. Major: 86 CREDITS

- ***The following courses require C or better****:*
- BCH313/L General Biochemistry (3/1)
- BIO109/L General Biology I (3/1)
- BIO110/L General Biology II (3/1)
- BIO302/L General Ecology (3/1)
- BIO303/L Plant Biology (4/0)
- BIO308/L Genetics (3/1)
- BIO436/L Evolutionary Biology (4/0)
- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- CHE301/L Organic Chemistry I (3/1)
- CHE302/L Organic Chemistry II (3/1)
- NSC231 Natural Science: Scientific Language and Literacy (3)
- NSC331 Natural Science Literature Survey (2)
- NSC443 Natural Science Research Seminar (2)
- CMP101 Composition I (3) *(This does not require min. grade C)*

- **SELECT ONE SEQUENCE (8 CREDITS):**
  - PHY201/L-202/L Physics I-II (3/1-3/1)
  - PHY151/L-152/L General Physics I-II (4.0-4/0)
- **SCIENCE ELECTIVES:**
  - 24 credits to be selected from **recommended Science courses**. 16 of the 24 credits MUST BE TAKEN in Biology.

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH 144 Calculus and Analytical Geometry I (3)*
    - Choose one course from any exploration (Math/Science, Social Sciences, Humanities) (3)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

3. Free Electives: 3 CREDITS

- Courses from the Natural Science Department are not allowed.

Note: *Minimum grade C required

TOTAL PROGRAM REQUIREMENTS = 125 CREDITS

BS, Biology with Environmental Science Specialization

1. Major: 75 CREDITS

- ***The following courses require C or better****:*
- BCH313/L General Biochemistry (3/1)
- BIO109/L General Biology I (3/1)
- BIO110/L General Biology II (3/1)
- BIO302/L General Ecology (3/1)
- BIO303/L Plant Biology (4/0)
- BIO308/L Genetics (3/1)
- BIO436/L Evolutionary Biology (4/0)
- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- CHE301/L Organic Chemistry I (3/1)
- CHE302/L Organic Chemistry II (3/1)
- NSC231 Natural Science: Scientific Language and Literacy (3)
- NSC331 Natural Science Literature Survey (2)
- NSC443 Natural Science Research Seminar (2)
- **SELECT ONE SEQUENCE (8 CREDITS):**
  - PHY201/L-202/L Physics I-II (3/1-3/1)
  - PHY151/L-152/L General Physics I-II (4.0-4/0)
- **Science Electives**: 13 credits to be selected from any 300-400 level BIO, CHEM, ENS, or NSC course (excluding courses for non-science majors) from **recommended Science courses**.
- CMP101 English Composition (3) *(This does not require min. grade C)*

2. Specialization: 13 CREDITS

- ***The following courses require C or better****:*
- ENS304/L Environmental Chemistry (3/1)
- BIO304 Conservation Biology (3)
- **Select two:**
  - ENS205 Planet Earth I: Physical Features (3)
  - ENS/NSC303 Environmental Toxicology (3)
  - ENS/SUST310 Global Water Issues (3)
  - SUST3XX courses (3)
  - Study Abroad ENS courses
  - NSC Research Problems 4XX (3)
  - **NOTE**:
    - Maximum 6 credits in SUST courses not cross-listed with BIO
    - International environmental courses should be at 300 level.

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH134 Pre-Calculus (3)*
    - Choose one course from any exploration (Math/Science, Social Sciences, Humanities) (3)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

4. Free Electives: 3 CREDITS

- Courses from the Natural Science Department are not allowed.

Note: *Minimum grade C required

TOTAL PROGRAM REQUIREMENTS = 127 CREDITS

BS, Adolescence Education: Biology

1. Major: 48 CREDITS

***The following courses require C or better**:*

- BIO109/L General Biology I (3/1)
- BIO110/L General Biology II (3/1)
- BIO200 Science and Contemporary Social Issues OR NSC231 Natural Science: Scientific Language and Literacy (3)
- BIO302/L General Ecology (3/1)
- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- NSC244 Scientific Technique (3)
- SCIENCE ELECTIVES: 19 CREDITS
  - Biochemistry or Biology (12)
  - Any Science course to be selected from **recommended Science courses**. (7)
- CMP101 English Composition (3) *(This does not require min. grade C)*

2. Education Studies: 41 CREDITS

***The following courses require C or better**:*

- EDU213 Foundations of Education (3)
- EDU237/L Instructional Design (3/1)
- EDU314 Promoting ELA Across Content Areas (3)
- EDU336 Language/Literacy Development for the Adolescent Learner (3)
- EDU402 Methods in Classroom Management – Secondary (3)
- NSC306 Teaching Science in Middle & High School (3)
- SED270 Intro to the Nature and Needs of Learners with Disabilities (3)

***The following courses require B- or better**:*

- EDU204 Field Based in Inclusive Education (1)
- EDU310 Practicum in Education (2)
- EDU427 Teaching to the Standards (3)
- EDU479 Student Teaching – Grades 7-9 (6)
- EDU480 Student Teaching – Grades 10-12 (6)
- SED204 Field Based in Inclusive Education (1)

2. General Education Curriculum: 36 CREDITS

- First-Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH134 Pre-Calculus (3)
    - Math – any level (3)
  - Social Sciences:
    - PSY214 Psychology of Adolescence (3) **C or better required*
    - Choose one course from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (3) **SOC224 recommended*
  - Humanities:
    - Choose two courses in Modern Language at any level (6)

TOTAL PROGRAM REQUIREMENTS = 125 CREDITS

Requirements for **Biology, Biochemistry, Natural Sciences Programs: Admission, Admission to Upper Division, Graduation** – consult the Natural Sciences department section of the catalog or the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the suggested course sequences for: BS, **Biology-standard curriculum**, **Biology with ENS specialization**; **Adolescence Education: Biology**, from the Natural Sciences Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Science in Biology/Master of Science in Cytology

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BS, BIOLOGY

1. Major: 86 CREDITS

- ***The following courses require C or better****:*
- BCH313/L General Biochemistry (3/1)
- BIO109/L General Biology I (3/1)
- BIO110/L General Biology II (3/1)
- BIO308/L Genetics (3/1)
- BIO315/L General Microbiology (3/1)
- BIO325/L Cell Biology (3/1)
- BIO330/L General Anatomy (4/0)
- BIO340/L General Physiology (4/0)
- BIO417 Immunology (3)
- BIO440/L Molecular Biology (3/1)
- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- CHE301/L Organic Chemistry I (3/1)
- CHE302/L Organic Chemistry II (3/1)
- NSC231 Natural Science: Scientific Language and Literacy (3)
- NSC310 Biostatistics (3)
- NSC331 Natural Science Literature Survey (2)
- NSC443 Natural Science Research Seminar (2)
- PAS511 Clinical Microbiology/Immunology (3)
- **Select one sequence:**
  - PHY201/L-202/L Physics I-II (3/1-3/1)
  - PHY151/L-152/L General Physics I-II (4/0-4/0)
- **Science electives:** 7 credits to be selected from **recommended Science courses**.
- CMP101 English Composition (3) *(This does not require min. grade C)*

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH144 Calculus and Analytical Geometry I (3)*
    - Choose one course from any exploration (Math/Science, Social Sciences, Humanities) (3)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - PHI321 Medical Ethics (3)
    - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

3. Free Electives: 3 CREDITS

- Courses from the Natural Science Department are not allowed.

Note: *Minimum grade C required

MS, CYTOLOGY: 36 credits

- CYT507 Cytology of the Female Genital Tract – Squamous (2)

- CYT509 Cytology of the Female Genital Tract – Glandular and Other (2)
- CYT510 Introduction to Cytology, Cytopreparation (1)
- CYT605 Cytology of Body Cavity Fluids and Cerebrospinal Fluid (2)
- CYT606 Histotechnology and Gross Pathology (3)
- CYT607 Cytology of the Respiratory Tract (3)
- CYT609 Cytology of the Urinary Tract (1)
- CYT610 Cytology Laboratory Management (1)
- CYT612 Cytology of the Gastrointestinal Tract (2)
- CYT614 Fine Needle Aspiration Cytology I: Collection Method, Breast, Thyroid, Lymph Node (3)
- CYT618 Fine Needle Aspiration Cytology II: Salivary, Bone and Soft Tissue, Pancreas, Liver, Kidney, Adrenal, Metatases (3)
- CYT620 Immunohistochemistry (1)
- CYT641 Cytology Clinical Practicum I (1)
- CYT642 Cytology Clinical Practicum II (2)
- CYT643 Cytology Clinical Practicum III (3)
- CYT650 Cytology Research and Professional Development I (1)
- CYT652 Cytology Research and Professional Development II (1)
- CYT653 Cytology Research and Professional Development III (1)
- PAS514 Pathophysiology (3)

TOTAL PROGRAM REQUIREMENTS: BS (125); MS (36) = 161 CREDITS

Program Structure

Degrees are conferred separately for this BS/MS program. No MS will be conferred without completion in full of the complete BS/MS curriculum.

First-Year Student Admission Criteria

Acceptance into the lower division of the Biology major requires successful completion of high school chemistry and mathematics through trigonometry

Admission into the Upper Division of the Program

Students pursuing a Biology degree must apply for upper division status during the spring of their sophomore year. Students interested in pursuing the Cytology degree program will be evaluated at this time by both Daemen University and Roswell Park Cancer Institute (RPCI) faculty and staff. The following criteria will be used to evaluate students and determine acceptance into the program:

1. A minimum grade of C in all science courses
2. Minimum science grade point average (GPA) of 3.00
3. An overall grade point average (GPA) of 3.0 or higher
4. Completion of: BIO109/L-110/L; CHE110/L-111/L; BIO325/L, BIO328/L, CHE301/L-302/L; MTH134 (if required as prerequisite to MTH144), MTH144, NSC231
5. Laboratory skills in histology and other molecular techniques (i.e., ability to use a microscope, patience in analysis of data, precision of data analysis)
6. Demonstrated communication skills as evidenced in interviews with Daemen and RPCI faculty and staff

Transfer student admission to upper division will be based on prior academic performance, space availability, and the requirements referenced above.

Graduation Requirements

BS PORTION OF THE PROGRAM (BS, BIOLOGY):

1. A minimum grade of C in all science courses and MTH144.
2. Minimum science grade point average (GPA) of 3.00.
3. An overall grade point average (GPA) of 3.30.

MS PORTION OF THE PROGRAM (MS, CYTOLOGY):

1. A minimum grade of B in all courses, thereby resulting in a minimum overall grade point average (GPA) of 3.00.

Suggested Course Sequence

Access the suggested course sequence for the BS/MS, Biology/Cytology from the Natural Sciences Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Science in Natural Science

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BS, Natural Science – Environmental Science Specialization

1. Major: 63 CREDITS

- ***The following courses require C or better:***
- BIO109/L General Biology I (3/1)
- BIO110L General Biology II (3/1)
- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- CHE311/L Contemporary Chemical Analysis (4/0)
- NSC231 Natural Science: Scientific Language and Literacy (3)
- NSC331 Natural Science Literature Survey* (2)
- NSC443 Natural Science Research Seminar (2)
- CHE301/L-302/L Organic Chemistry I-II (3/1-3/1) **OR** BCH 317/L Bioorganic Chemistry (3) **AND** Additional Science Elective Credit (5)
- **With department chair approval, students may petition for an Environmental Research Project in a Study Abroad program combined with NSC 443 to meet Research and Presentation competency.*
- **Select one sequence (8 credits):**
  - PHY201/L-202/L Physics I-II (3/1-3/1)
  - PHY151/L-152/L General Physics I-II (4/0-4/0)
- **Science Electives:** 20 (***or 25 if chose BCH 317/L above***) credits to be selected:
  - Choose electives from 300-400 level in BIO, CHEM, ENS or NSC courses from **recommended Science courses**.
- CMP101 Composition I (3) *(This does not require min. grade C)*

2. Specialization: 22 CREDITS

- ***The following courses require C or better:***
- BIO302/L General Ecology (3/1) **OR** BIO/SUST304 Conservation Biology (3) with an additional Specialization Elective Credit (1)
- ENS201 Introduction to Environmental Science (3)
- ENS304/L Environmental Chemistry (3/1)
- **Specialization Electives**: 11 (*or 12 if chose BIO/SUST304 above*) credits to be selected:
  - Choose from:
    - BIO302/L General Ecology* (3/1)
    - BIO/SUST304 Conservation Biology* (3)
    - ENS205 Planet Earth I: Physical Features (3)
    - ENS/NSC303 Environmental Toxicology (3)
    - ENS/NSC310 Global Water Issues (3)
    - ENS Study Abroad courses
    - SUST300 level courses
    - **NOTE**: Maximum 6 credits in SUST courses not cross-listed with BIO.
      International environmental courses should be at 300 level.
      **if not taken above*

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH134 Pre-Calculus (3)*
    - HPR308 Environmental Health (3)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

Note: *Minimum grade C required

4. **Free Electives: 3 CREDITS:**

TOTAL PROGRAM REQUIREMENTS = 127 CREDITS

BS, Natural Science – Forensic Science Specialization

- Major: 73 CREDITS
  - **The following courses require C or better**:
  - BIO109/L General Biology I (3/1)
  - BIO110L General Biology II (3/1)
  - CHE110/L Chemistry I (4/0)
  - CHE111/L Chemistry II (4/0)
  - CHE337/L Forensic Chemistry (3/1)
  - NSC231 Natural Science: Scientific Language and Literacy (3)
  - PHY125/L Forensic Physics (3/1)
  - **Select one:**
    - BCH317 Bio-Organic Chemistry (3)
    - CHE301 Organic Chemistry I (3) **NOTE:** CHE301 is the preferred course
  - **Science Electives:** 40 credits to be selected from **recommended Science courses**.
  - CMP101 English Composition (3) *(This does not require min. grade C)*
  - SPECIALIZATION: 12 CREDITS
  - **The following courses require C or better**:
  - FOR101 Introduction to Forensic Science (3)
  - PSC117 Introduction to Criminal Justice (3)
  - PSY306 Forensic Psychology (3)
  - **Select one:**
    - NSC310 Biostatistics (3)
    - PSY333 Statistics for Psychology & Social Sciences (3)
- **General Education Curriculum: 36 CREDITS**

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH134 Pre-Calculus OR MTH144 Calculus & Analytic Geometry I (3)*
    - Choose one course from any exploration (Math/Science, Social Sciences, Humanities) (3)
  - Social Sciences:
    - PSY103 Introduction to Psychological Sciences (3)
    - Choose one course from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (3)
  - Humanities:
    - CMP311 Advanced English Composition OR CMP315

Advanced Composition for Health Professionals (3)
- Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

Note: *Minimum grade C required

TOTAL PROGRAM REQUIREMENTS = 124 CREDITS

BS, Natural Science – Health Sciences Specialization

1. Major & Specialization: 70 CREDITS

- ***The following courses require C or better**:*
- BIO109/L General Biology I (3/1)
- BIO110L General Biology II (3/1)
- BCH317 Bio-organic Chemistry (3)
  - **One of the following courses recommended for pre-pharmacy and pre-vet track: CHE301/L, CHE302/L, BCH313/L, PHY-201/L**
  - **BIO315 General Microbiology recommended for pre-pharmacy track**
- BIO330/L General Anatomy (4/0) & BIO340/L General Physiology (4/0)
  - **BIO-207/L Anatomy & Physiology I (4/0) & BIO-208/L Anatomy & Physiology II (4/0) recommended for pre-pharmacy track**
- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- NSC1XX Natural Science Freshman Seminar (1) & NSC231 Natural Science: Scientific Language and Literacy (2)
  - **NSC121 (1), NSC 221 (1) & NSC231 (1) for pre-vet students**
- CMP311 Advanced English Composition OR CMP315 Advanced Composition for Health Professionals (3)
- CMP101 Composition I (3) *(This does not require min. grade C)*
- **Science and Health Science Electives**: 20-22 credits to be selected from **recommended Science courses** or from any 200-level or higher BIO, BCH, CHE, ENS*, NSC**, PHY courses designated for Science majors. *ENS courses cross-listed as GVT are **not** acceptable.
  - If you complete 12 credits in the specialization, 22 credits are required in science electives; if you complete 13 credits in the specialization, 21 credits are required in science electives; if you complete 14 credits in the specialization, 20 credits are required in science electives.
  - Some course options in science/health science electives and in the specialization have overlapping content and therefore credit for only one course in each of the following pairs may be counted as a required or elective health science course: HPR301 and PT508; HPR317 and PT504 and/or PT505; HPR317 and PT506 and/or PT507; HPR320 and PT517; BCH 317 and CHE 301; BCH 313 and BCH 317.
  - **Students in the Pre-Vet 3+4 program with Lincoln Memorial will be advised to take: NSC121 (1), NSC221 (1) and NSC321 (1) as part of your major Science and Health electives requirement.
  - 33 Credits will be taken at UB or D'Youville for pre-pharmacy students only (20 credits will be Science Electives and 13 credits will be Health Science Specialization)

- **SPECIALIZATION**: SELECT 12-14 CREDITS FROM THE FOLLOWING AND IN CONSULTATION WITH ONE'S ADVISOR:
    - HPR301/L Physiology of Exercise & Cardiopulmonary Assessment (3/0)
    - HPR305 Communicating Health (3)
    - HPR308 Environmental Health (3)
    - HPR208 Health Promotion and Education (3)
    - HPR313 Principles of Health Behavior Change (3)
    - HPR317/L Human Motion: Principles & Perspectives (4/0)
    - HPR320 Community Health Education & Disease Prevention (3)
    - HPR335 Critical Issues in Global Health (3)
    - HPR338 Social Determinants of Health (3)
    - HPR340 Musculoskeletal Fitness Assessment (3)
    - HPR353 Introduction to Epidemiology (3)
    - PAS511 Clinical Microbiology/Immunology (3)
    - PT504/L-505/L Clinical Functional Anatomy I-II (3/0-2/0)
    - PT506/L-507/L Kinesiology & Biomechanics I-II (3/0-2/0)
    - PT508/L Physiology of Exercise (3/0)
    - PT517 Clinical Medicine I (3)

2. Pre-Pharmacy Track Required Courses **

- BCH313/L Biochemistry (3/1)
- BIO109/L General Biology I (3/1)
- BIO110L General Biology II (3/1)
- BIO207/L Anatomy and Physiology I (4/0)
- BIO208/L Anatomy and Physiology II (4/0)
- BIO315/L General Microbiology (3/1)
- BIO340/L General Physiology (4/0)
- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- CHE301/L Organic Chemistry I(3/1)
- CHE302/L Organic Chemistry II (3/1)
- NSC231 Natural Science: Scientific Language and Literacy (3)
- NSC310 Biostatistics (3)
- NSC231 Natural Science: Scientific Language and Literacy (3)
- Science Electives (20)
    - Courses will be taken at University at Buffalo (UB)
- Specialization (17)
    - Courses will be taken at UB
- Breadth Required Courses
    - MTH144 Calculus I

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
    - Natural Sciences and Mathematics:
        - MTH134 Precalculus or MTH144 Calculus and Analytical Geometry I (3)*
        - Choose one course from any exploration (Math/Science, Social Sciences, Humanities) (3). **MTH104 or NSC310 recommended for pre-pharmacy students**
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6) **ECO201 recommended for pre-pharmacy students**
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)
- Free Electives: 15 CREDITS:

No courses in the major/specialization allowed (science courses determined by the Natural Science chair to be non-major courses are allowed).

- Note: *Minimum grade C required

TOTAL PROGRAM REQUIREMENTS = 121 CREDITS

NOTE: ** Consult with your Advisor and your Program Evaluation regarding courses taken at UB. Total program requirements: 128.

BS, Natural Science – Individualized Studies Track

1. Major: 73 CREDITS:

- ***The following courses require C or better**:*
- BIO109/L General Biology I (3/1)
- BIO110L General Biology II (3/1)
- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- NSC231 Natural Science: Scientific Language and Literacy (3)
- *NSC331 Natural Science Literature Survey (2)
    - *NSC331 may be replaced with an off-campus research experience (e.g., internship or scientific study abroad experience) approved by the Natural Science Department Chair prior to registration.
- NSC443 Natural Science Research Seminar (2)
- 8 credits in 300-level Biology courses
- CHE301/L-302/L Organic Chemistry I-II (3/1-3/1) **OR** BCH317/L Bio-Organic Chemistry (3/1) and 4 credits in a 300-level Chemistry course
- **Science and Health Science Electives**: 31 credits to be selected from **recommended Science courses** or from any 200-level or higher BIO, BCH, CHE, ENS*, NSC, PHY courses designated for Science majors. A minimum of 10 of the 31 credits must be at the 300-level or higher.
- CMP101 Composition I (3) *(This does not require min. grade C)*

*ENS courses cross-listed as PSC are **not** acceptable.

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
    - Natural Sciences and Mathematics:
        - MTH144 Calculus and Analytical Geometry I (3)*
        - Choose one course from any exploration (Math/Science, Social Sciences, Humanities) (3)
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

3. Free Electives: 12 CREDITS:

Courses offered in the major are not allowed (science courses determined by the Natural Science chair to be non-major courses are allowed).

Note: *Minimum grade C required

TOTAL PROGRAM REQUIREMENTS = 121 CREDITS

Requirements for **Biology, Biochemistry, Natural Sciences Programs: Admission, Admission to Upper Division, Graduation** – consult the Natural Sciences department section of the catalog or the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the suggested course sequences for: BS, **Natural Science-Environmental Science specialization**, **Natural Science-Forensic Science specialization**, **Natural Science-Health Sciences specialization**, **Natural Science-Individualized Studies track**, from the Natural Sciences Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Science in Natural Science/Master of Public Health

General Education Program

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

This program allows students to obtain both a Bachelor of Science in Natural Science and a Master in Public Health at Daemen in five years. By successfully completing all the requirements detailed below, a student can receive a BS in four years at Daemen and an MPH after the fifth year.

BS Natural Science/MPH Curriculum: Health Sciences Specialization (BS Portion)

Natural Science: Health Sciences

1. Major: 70 CREDITS

Complete the following with a C or better:

- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- BIO109/L General Biology I (3/1)
- BIO110L General Biology II (3/1)
- NSC231 Natural Science: Scientific Language and Literacy (3)
- BCH317 Bio-organic Chemistry Lecture (3)
- BIO330/L General Anatomy (4/0)
- BIO340/L General Physiology (4/0)
- 37-45 credits of Science and/or Health Science Electives and/ or specialization:
    - Science Electives: select from allowed science electives or from any 200-level or higher BCH, BIO, CHE, ENS*, NSC, PHY courses designated for science majors;
        - ENS* courses-cross listed as PSC (Political Science) are not allowed; specialization.
- CMP101 Composition I (3)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - MTH134 Pre-Calculus OR MTH144 Calculus & Analytic Geometry I (3)
        - Choose one course from any exploration (Math/Science, Social Sciences, Humanities) (3)
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

4. Free Electives: 15 CREDITS

TOTAL PROGRAM REQUIREMENTS: 121 CREDITS

BS Natural Science/MPH Curriculum: Individualized Studies Specialization (BS Portion)

Natural Science: Individualized Studies

1. Major: CREDITS

Complete the following with a C or better:

- CHE110/L Chemistry I (4/0)
- CHE111/L Chemistry II (4/0)
- BIO109/L General Biology I (3/1)
- BIO110L General Biology II (3/1)
- NSC231 Natural Science: Scientific Language and Literacy (3)
- BCH317/ L Bio-organic Chemistry (3/1) OR CHE301/L Organic Chemistry I (3/1)
- 300- level Chemistry course OR CHE302/L Organic Chemistry II (3/1)
- 300-level Biology course (8)
- NSC331 Natural Science Literature Survey (2)
- NSC443 Natural Science Research Seminar (2)
- 32-40 credits of Science and/or Health Science Electives and/ or specialization:
    - select from allowed science electives or from any 200-level or higher BCH, BIO, CHE, ENS*, NSC, PHY courses designated for science majors
        - ENS* courses cross listed as PSC (Political Science) are not allowed; specialization.
- CMP101 Composition I (3)

3. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discoveries (9)
- Breadth- Explor
    - Natural Sciences and Mathematics:
        - MTH144 Calculus & Analytic Geometry I (3)
        - Choose one course from: Math and Computer Science (3)
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

4. Free Electives: 12 CREDITS

TOTAL PROGRAM REQUIREMENTS: 122 CREDITS

Requirements for the MPH Portion of the BS Natural Science/MPH Curriculum

NOTE: Some courses listed in the direct entry MPH may be taken concurrently with BS studies. Students can take between 12-15 credits in the graduate MPH program during their senior year. These courses will count toward their science and/or Health Science Electives and/or specialization and then be waived for the MPH degree.

Required Courses (32 credits)

- PH500 Epidemiology (3)
- PH510 Psychosocial and Behavioral Foundations of Public Health (3)
- PH520 Research Methods in Health Promotion (3)
- PH530 Web Environmental Health (3)
- PH540/L Public Health Biostatistics Lecture and Lab (3/2)
- PH550 Public Health Policy, Administration, and Management (3)
- PH563 Program Planning & Evaluation (3)
- PH585 Trauma-Informed Approach to Health & Well-Being (3)
- PH590 Foundations of Public Health Ethics and Advocacy (3)
- PH595 Cultural Competency and Health Disparities in Public Health (3)

Required Focus Courses (9 credits)

Select two skill-based electives (6 credits):

- PH512 Public Health Nutrition (3)
- PH570 Advanced Quantitative Analysis (3)
- PH583 Project Management and Leadership in Public Health (3)
- PH586 Qualitative Methods (3)
- PH589 Grant Writing and Scholarship Dissemination (3)

Select one top-based Elective (3 credits):

- PH542 Public Health Law (3)
- PH560 Community Health Education (3)
- PH568 Advanced Epidemiology (3)
- PH572 Chronic Disease (3)
- PH574 Infectious Disease Epidemiology (3)
- PH580 Perinatal/Perinatal/Reproductive (3)
- PH591 Global Health Policy (3)
    - Note: May choose another Public Health course application from a different department with Department Chair approval.

Practicum (3 credits)

Under the direction of a faculty advisor, students complete a practicum in order to apply and to further develop their academic skills. Each practicum requires a minimum of 240 hours of documented work and a minimum number of designated weeks at the practicum site. In line with the service learning focus of Daemen University, the practicum, is a concerted effort to integrate classroom learning, community, and service, providing students an opportunity to work alongside members of and in service to the community, and to begin creating a network of colleagues outside of the University.

- PH600 Practicum (3)

Capstone Seminar (1 credit) and Capstone Project (3 credits)

The capstone seminar (PH610) provides a supportive setting to help prepare students to identify and plan for their capstone project. The capstone project is a culminating experience that provides students the opportunity to synthesize, integrate, and apply their curricular knowledge to a significant public health problem, and like the practicum, is completed in collaboration with a community partner.

- PH610 Capstone Seminar (1)
- PH620 Capstone (3)

TOTAL PROGRAM REQUIREMENTS FOR MPH PORTION= 36 CREDITS

TOTAL PROGRAM REQUIREMENTS: BS (120); MPH (48) = 168 CREDITS

Program Structure

1. This program leads to multiple degrees. Degrees are conferred separately: the BS, upon completion of all baccalaureate requirements; the MPH upon completion of the entire BS and MPH requirements.
2. Prior to the start of the Professional phase (Year 4) of the program, all course work referenced in the first 3 years must be completed in full.

Admission to Upper Division Requirements/ Professional Phase begins at the end of 3rd year.

1. A cumulative grade point average (GPA) minimum of 3.0.
2. Students must successfully complete Biology and Chemistry, Service Learning, and CMP101 with a grade of C or higher before advancing.
3. Students must achieve a grade of C or higher in all courses in the Natural Sciences portion of the

curriculum, including departmental requirements in the Major and Specialization. Students may not have any courses in this area which need to be retaken in order to earn the minimum grade of C or better.
4. GRE is waived.

Requirements During the 4th Year

1. Students must receive a B- or higher in all PH courses and maintain a minimum cumulative grade point average (GPA) of 3.0 in order to progress to the 5th year and official entry into the MPH program. Students who do not achieve these requirements during the fourth year will not be permitted to continue to the 5th year of study and official entry into the MPH program. However, a grade of C or higher in PH courses will still apply to complete requirements for the BS Natural Science degree. Upon completion of the BS Natural Science or other selected degree, a student may then re-apply to the MPH program as a direct entry student and would need to retake any necessary courses and meet all MPH course grade requirements.

Graduation Requirements

1. A minimum grade of C or higher in all courses in BS Natural Sciences portion of the curriculum. This includes all courses in the Major and the Specialization.
2. A minimum grade of B- or higher in all PH courses and cumulative GPA of 3.0 during the 4th year.
3. In the 5th year, while officially in the MPH program, a minimum grade of B- in all courses and an overall minimum cumulative grade point average (GPA) of 3.00. Refer to **Course Repeats, Probation, and Dismissal** in the Master of Public Health section of the Graduate Catalog for academic policies during year 5 of study.

Course Sequence

Access the suggested course sequences for **BS, Natural Science/ MPH, (4+1)** from the Natural Sciences Department web page or the Program Plans site on the Registrar's web page.

Biology Minor

Requirements (17 Credits)

- BIO109/L General Biology I lecture/lab (3/1)
- BIO110/L General Biology II lecture/lab (3/1)
- Select a minimum of 9 credits in Biology courses approved for credit for science majors

Chemistry Minor

Requirements (18 credits)

- CHE110/L Chemistry I lecture/lab (4/0)
- CHE111/L Chemistry II lecture/lab (4/0)
- CHE301 Organic Chemistry I lecture (lab optional) (3)
- CHE302 Organic Chemistry II lecture (lab optional) (3)
- Select one: BCH313/L General Biochemistry lecture/lab (3/1); CHE311/L Contemporary Chemical Analysis lecture/lab (4/0)

Equity, Access, Services & Engagement (EASE) Minor

Requirements: 16 Credits

- NSC220 IMIT Intro Course (1)
- *Optional:* IMITInternship/Field Experience
    - Must take IMIT Overview Course before the IMIT Internship/Field Experience

Choose Three (9 credits) from the following:

- CMP302 Technical Writing* (3)
- HPR320 Community Health Education and Disease Prevention* (3)
- HPR338 Social Determinants of Health* (3)
- LIT329 Imagining Trauma* (3)
- PHI321 Medical Ethics* (3)
- PSC227 Intro to Public Administration* (3)
- PSY308 Health Psychology* (3)
- PSY391 Psychology and Culture* (3)
- SOC224 Race, Ethnicity, & Cultural Diversity* (3)

Choose Two (6 credits) from the following and must be from two different departments:

- BSHS200 Interdisciplinary Approaches to Behavior Change (3)
- CMP217 Rhetoric: Argument and Persuasion* (3)
- CMP301 Professional Writing* (3)
- CMP302 Technical Writing* (3)
- CMP315 Advanced Comp for Health Professionals (3)
- CMP420/PR420 Promotional Writing* (3)
- ECSE324 Transdisciplinary Intervention and Family Involvement (3)
- HPR102 Introduction to Health Care: Systems & Professions (3)
- HPR234 Foundation of Public Health (3)
- HPR305 Communicating Health (3)
- HPR311/MGT311 Non Profit Management (3)
- HPR313 Principles of Health Behavior Change (3)
- HPR320 Community Health Education and Disease Prevention* (3)
- HPR330 Health Promotion Program Planning, Implementing and Evaluation (3)
- HPR352/BA352 Grant Writing (3)
- HSC112 Health Promotion Across the Lifespan (3)
- LNG307 English Language* (3)
- PHI102 Medicine, Culture and the Self: Introduction to Medical Humanities (3)
- PSC125 Public Policymaking* (3)
- PSC227 Intro to Public Administration* (3)
- PSY391 Psychology and Culture* (3)
- SED102/CA102 American Sign Language I (3)
- SED270 Intro to the Nature and Educational Needs of Students with Disabilities (3)
- SED364 Inclusive Education for Students with Moderate/Severe Disabilities (3)
- SED333/ABA333 Elements of Behavior Change (3)
- SOC305 Sociology of Sport (3)
- SOC432 Contemporary Social Welfare Policy & Services (3)

Note: * = Can count as “Develop Your Own” Depth/Discovery (one must be 300 level or higher, all must be outside of major)

Biochemistry

BCH 313: General Biochemistry

3 Credit Hour(s)

An introduction to the chemistry and metabolism of bio-molecules. Topics include structure, properties, biosynthesis, and catabolism of carbohydrates, lipids, proteins, nucleic acids and porphyrins. Also discussed are the roles of enzymes, vitamins and coenzymes in biocatalysis. Science credit may not be earned for both BCH 313 and BCH 317. Prerequisites: BIO 110; CHE 301. Lecture, 3 hours. (UG)

BCH 313L: Biochemistry Laboratory

1 Credit Hour(s)

Fundamental techniques in general biochemistry. Corequisite: BCH 313. Laboratory, 3 hours. (UG)

BCH 317: Bioorganic Chemistry

3 Credit Hour(s)

An introduction to basic organic chemistry with biochemistry. Intended for Physician Assistant and Physical Therapy majors. Prerequisites: CHE 111/L; BIO 110/L. Lecture, 3 hours. (UG)

BCH 317L: Bioorganic Chemistry Lab

1 Credit Hour(s)

Lab techniques in organic chemistry and biochemistry. Intended for Physician Assistant majors. Corequisite: BCH 317. Laboratory, 3 hours. (UG)

BCH 401: Biological Organic Chemistry

3 Credit Hour(s)

An exploration of the chemical structures, stereo- chemistry and reactions of organic molecules of biological importance such as proteins, lipids, carbohydrates, and nucleic acids. Prerequisites: CHE 302 and BCH 313. Lecture, 3 hours. (UG)

BCH 440: Molecular Biology

3 Credit Hour(s)

Cross-listed as BIO 440. A detailed presentation of the structure and function of biological molecules and macromolecular complexes. The experimental approaches used in modern laboratories are emphasized. Lecture, 3 hours. (UG)

BCH 440L: Molecular Biology Lab

1 Credit Hour(s)

Cross-listed as BIO 440L. Laboratory techniques and experimentation involving proteins and nucleic acids. Prerequisite: Concurrent enrollment in BCH 440. Laboratory, 3 hours. (UG)

Biology

BIO 100: Introduction to Biological Science

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. An introduction to the concepts of biology through the study of the structure, function and evolution of living organisms. Intended for non-majors. Science majors cannot use this course for credit in the major. Lecture, 3 hours. (UG)

BIO 103: Human Biology

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. A survey of the major aspects of human biology. Emphasis is placed on structure and function of the human body. Intended for non-majors. Science majors cannot use this course for credit in the major. Lecture, 3 hours. (UG)

BIO 105: Survey of Biology

3 Credit Hour(s)

This course is designed to help students develop the critical reading and reasoning skills that are required to be a successful science student. Topics covered in the course include improving study strategies, comprehension & reasoning, critical data interpretation, and examination techniques. (UG)

BIO 109: General Biology I

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. A study of the basic principles of biology. Part I focuses on the molecular and cellular aspects of living systems and evolution. Co-requisite:minimum mathematics competency of MTH 124 or equivalent course or math placement. Lecture, 3 hours. (UG)

BIO 109L: General Biology I Lab

1 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Lab techniques and experimentation in biological processes with emphasis on cellular level processes. Co or prerequisite: BIO 109. Laboratory, 2 hours. (UG)

BIO 110: General Biology II

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. A study of the basic principles of biology. Part II deals with systematic organization and function of living organisms and ecology. Prerequisite: Minimum grade C in BIO 109. Lecture, 3 hours. (UG)

BIO 110L: General Biology II Lab

1 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Laboratory examination of the structure, function and classification of organisms. Co or prerequisite: Minimum grade of C in BIO 109L. Laboratory, 2 hours. (UG)

BIO 117: Human Nutrition

3 Credit Hour(s)

An introduction to human nutrition and dietary needs with relevant discussion of basic structure and function of the human body. Intended for non-majors. Science majors cannot use this course for credit in the major. (UG)

BIO 200: Science and Contemporary Social Issues

3 Credit Hour(s)

Fulfills core competencies: Communication Skills; Contextual Integration; Information Literacy. Provides the basic scientific background requisite to understanding the science behind important contemporary issues such as genetic engineering, stem cell research, cloning, reproductive technologies, the genetic basis of behavior (e.g., violence), and pressing environmental concerns. Science majors cannot use this course for credit in the major. (UG)

BIO 207: Anatomy and Physiology I

4 Credit Hour(s)

An introduction to the fundamentals of anatomy and physiology. Intended for non-majors. Science majors cannot use this course for credit in the major. (UG)

BIO 207L: Anatomy and Physiology I Lab

0 Credit Hour(s)

Laboratory techniques and study in Anatomy and Physiology I. Co-requisite: BIO 207. (UG)

BIO 208: Anatomy and Physiology II

4 Credit Hour(s)

An introduction to the fundamentals of anatomy and physiology. Intended for non-majors. Science majors cannot use this course for credit in the major. Prerequisite: BIO 207. (UG)

BIO 208L: Anatomy and Physiology Lab II

0 Credit Hour(s)

Laboratory techniques and study in Anatomy and Physiology II. Co-requisite: BIO 208. (UG)

BIO 219: Introduction to Microbiology

4 Credit Hour(s)

This course is an overview of the fundamental principles of microbiology, including morphology, activities and distribution of microbes, culture methods, diseases of microbial etiology and some aspects of applied microbiology for the health sciences. Laboratory emphasis is on bacterial culturing, aseptic technique, identification of organisms, and the exploration of conditions necessary for microbial growth as well as microbial control. Pre-requisite: High school biology; limited to students at Manhattan site. Corequisite: BIO 219L. (UG)

BIO 219L: Introduction to Microbiology Lab

0 Credit Hour(s)

Laboratory emphasis is on bacterial culturing, aseptic technique, identification of organisms, and the exploration of conditions necessary for microbial growth as well as microbial control. Corequisite: BIO 219. (UG)

BIO 302: General Ecology

3 Credit Hour(s)

An introduction to the study of populations, communities and ecosystems with emphasis on theory and experimentation. Prerequisites: BIO-109 and BIO 110; MTH 134 or equivalent; or permission of the instructor. Lecture, 3 hours. (UG)

BIO 302L: General Ecology Lab

1 Credit Hour(s)

Lab includes field and laboratory experimentation in aquatic and terrestrial ecosystems, with emphasis on experimental design, data analysis and scientific writing. Laboratory, 3 hours. Corequisite: BIO 302. (UG)

BIO 303: Plant Biology

4 Credit Hour(s)

An overview of the anatomy, physiology and taxonomy of the plant kingdom. Lab includes field identification, plant structure, and physiological experimentation. Prerequisite: BIO 100 or BIO 109 and BIO 110. Lecture, 3 hours. (UG)

BIO 303L: Plant Biology Lab

0 Credit Hour(s)

Laboratory, 3 hours, in Plant Biology. Co-requisite: BIO 303. (UG)

BIO 304: Conservation Biology

3 Credit Hour(s)

May be taken as SUST 304. Fulfills core competencies: Contextual Integration; Civic Responsibility; Moral and Ethical Discernment. Writing Intensive. Cross-listed as SUST 304. An interdisciplinary science course that combines theory and applied research to address the problems of widespread loss of biological and genetic diversity. Prerequisite: BIO 110, and CMP 101. Lecture, 3 hours. (UG)

BIO 308: Genetics

3 Credit Hour(s)

A study of the fundamental principles of genetics from viruses through humans, focusing on transmission and molecular genetics. Prerequisites: BIO 100 or BIO 109 and BIO 110; CHE 101 or CHE 111. Lecture, 3 hours. Offered Alternate Years (Spring). (UG)

BIO 308L: Genetics Lab

1 Credit Hour(s)

Laboratory techniques and experimentation in genetics. Co or prerequisite: BIO 308. Laboratory, 3 hours. Offered Alternate Years (Spring). (UG)

BIO 315: General Microbiology

3 Credit Hour(s)

A study of the structure, classification, physiology, ecology, genetics and economic importance of viruses, prokaryotes and eukaryotic microorganisms. Prerequisites: BIO 109 and BIO 110 and CHE 111. (UG)

BIO 315L: General Microbiology Lab

1 Credit Hour(s)

A study of the structure, classification, physiology, genetics and economic importance of viruses, prokaryotes and eukaryotic microorganisms. Pre or corequisite: BIO 315. (UG)

BIO 316: Anatomy and Physiology

4 Credit Hour(s)

A survey of the fundamentals of anatomy and physiology and dissection and experimentation to enhance the understanding of human systems. Intended for healthcare studies students and other non-majors. Prerequisite: BIO 103 or 109. Science majors cannot use this course for credit in the major. Lecture, 3 hours; Laboratory, 2 hours. (UG)

BIO 316L: Anatomy and Physiology Lab

0 Credit Hour(s)

Laboratory techniques for Anatomy & Physiology. Co-requisite: BIO 316. (UG)

BIO 322: Invertebrate Biology

4 Credit Hour(s)

A comprehensive study of the anatomy, physiology and classification of invertebrates. Lab includes field identification. Prerequisite: BIO 100 or BIO 109 and BIO 110. Lecture, 3 hours; Laboratory, 3 hours. (UG)

BIO 322L: Invertebrate Biology Lab

0 Credit Hour(s)

Laboratory techniques for Invertebrate Biology. Corequisite: BIO 322. (UG)

BIO 323: Animal Biology

4 Credit Hour(s)

An overview of the anatomy, physiology and taxonomy of the animal kingdom. Prerequisite: BIO 100 or BIO 110. Lecture, 3 hours; Laboratory, 3 hours. (UG)

BIO 324: Vertebrate Biology

4 Credit Hour(s)

A comprehensive study of the anatomy, physiology and taxonomy of vertebrates. Lab includes field identification. Prerequisite: BIO 100 or BIO 109 and BIO 110. Lecture, 3 hours; Laboratory, 3 hours. (UG)

BIO 324L: Vertebrate Biology

0 Credit Hour(s)

Laboratory techniques for Vertebrate Biology. Corequisite: BIO 324. (UG)

BIO 325: Cell Biology

3 Credit Hour(s)

A study of structure/function relationships in cells. Topics include cell theory, research techniques, nuclear and cell division, cytoplasmic organelles and biological membranes. Prerequisites: BIO 100 or BIO 109 and BIO 110. Offered Every Year (Fall). (UG)

BIO 325L: Cell Biology Lab Laboratory

1 Credit Hour(s)

This course is designed to complement and expand on topics of cellular biology covered in the accompanying lecture, Bio 325: Cell Biology. The course introduces students to commonly used biological laboratory techniques and provides a foundation for the use of these methods in subsequent upper-division courses. Pre/corequisite: BIO-325. (UG)

BIO 330: General Anatomy

4 Credit Hour(s)

A course in systemic anatomy covering the morphology of the human body along with the functional potential of its parts. (Not open to those who have taken BIO 207 BIO 208.) Prerequisite: BIO 100, BIO 103, or BIO 109 and BIO 110. Lecture, 3 hours; Laboratory, 3 hours. Offered Each Year (Fall). (UG)

BIO 330L: General Anatomy Lab

0 Credit Hour(s)

Laboratory techniques for General Anatomy. Corequisite: BIO 330. (UG)

BIO 333: Developmental Biology

4 Credit Hour(s)

A study of the reproductive mechanisms and development of multi-cellular organisms. Prerequisite: BIO 100 or BIO 109 and BIO 110. Lecture, 3 hours; Laboratory, 3 hours. Offered Alternate Years. (UG)

BIO 333L: Developmental Biology Lab

0 Credit Hour(s)

Laboratory techniques for Developmental Biology. Corequisite: BIO 333. (UG)

BIO 335: Animal Behavior

4 Credit Hour(s)

An evolutionary and ecological approach to ethology including study of neuronal, hormonal and physiological mechanisms underlying adaptive behavior of animals. Laboratory includes observations and quantification of behavior in zoo, field and lab settings. Prerequisite: BIO 100 or BIO 109 and BIO 110. Lecture, 3 hours; Laboratory 3 hours. (UG)

BIO 335L: Animal Behavior Laboratory

0 Credit Hour(s)

Laboratory techniques for Animal Behavior. Corequisite: BIO 335. (UG)

BIO 336: Herpetology

3 Credit Hour(s)

This course focuses on the scientific discipline of herpetology; the study of reptiles and amphibians. this is a lecutre style 300 level elective that will look at many facets of these organisms. Students will gain an understanding of the diagnostic characteristics of reptiles and amphibians, discuss the phylogeny anatomy, physiology, behavior, and ecoology of the group, and evaluate how these organisms are interpreted outside science by the public. This course includes both lecture and hands-on field components. Prerequisites: BIO 110 (UG)

BIO 337: Dinosaur Paleobiology

3 Credit Hour(s)

This course focuses on the Dinosauria; a clade of archosaurs that is now totally (or, depending on who you talk to, partially) extinct. Although this course will primarily be looking at this taxon, we will also be exploring greater topics based within historical science in general that must be understood in order to have a firm grasp of the more specific material. In addition, the dinosaurs are a charismatic group, and we will talk about their application outside of science. Prerequisite: BIO 110. (UG)

BIO 340: General Physiology

4 Credit Hour(s)

An introduction to general physiology. Emphasis placed on biological control mechanisms and coordination of body functions. Prerequisites: BIO 110 and CHE 111. Lecture, 3 hours; Laboratory, 2 hours. (UG)

BIO 340L: General Physiology Lab

0 Credit Hour(s)

Laboratory techniques for General Physiology. Corequisite: BIO 340. (UG)

BIO 343: Comparative Vertebrate Physiology

3 Credit Hour(s)

Lecture fulfills core competency: Contextual Integration. Why do certain animals only live in certain environments? Students will be able to answer this question by evaluating the roles of each major organ system within vertebrates and, through student-chosen examples, explaining how each system has evolved to address specific environmental challenges. By doing this, students will develop a more holistic understanding for how these organ systems work in combination with each other. This class requires students to deliver 5 in-class presentations throughout the semester. Prerequisites: BIO 109/L and BIO 110/L. (UG)

BIO 343L: Comparative Vertebrate Physiology Laboratory

1 Credit Hour(s)

Experimental design and laboratory techniques for investigating vertebrate physiology. 3 experimental topics with full lab reports are included in this lab. Laboratory, 3 hours. (UG)

BIO 344: Comparative Vertebrate Anatomy

4 Credit Hour(s)

This course is designed to establish a fundamental understanding of the functional significance of anatomical structures across vertebrates. The evolution of the entire group will be discussed, as the relationship between organisms is reflected within their anatomy. A systems-approach will be taken, and each organ system will be considered for the diversity of vertebrates. The structuring of anatomical features will be discussed in reference to its biomechanical and functional significance, as well as how it caters to the lifestyle of said organism. Although memorization is an essential part of any anatomy class, we will focus less on recall and identification and more on the logic behind the structure/function relationship of the anatomical features investigated. Pre requisite: BIO-110/L. Corequisite: BIO 344. (UG)

BIO 344L: Comparative Vertebrate Anatomy

0 Credit Hour(s)

Laboratory techniques for Comparative Vertebrate Anatomy. Corequisite: BIO 344. (UG)

BIO 350: Vertebrate Paleontology

3 Credit Hour(s)

An introduction to the study of the origin and evolution of the vertebrates using the fossil record. Dinosaurs and the American mastodon will serve as examples of how we reconstruct organisms and environments from the remote past. Prerequisite: BIO 110. (UG)

BIO 351: Marine Biology

3 Credit Hour(s)

Fulfills Core Competency: Information Literacy. Students will source and evaluate primary literature in order to explain how organisms at different trophic levels survive in open ocean, continental shelf, coral reef, deep sea, and intertidal environments. By doing this, students will develop a more holistic understanding of how these organisms work collectively as an ecosystem. This course requires students to deliver 5 in class presentations throughout the semester. Prerequisites: BIO 109 and BIO 110 (UG)

BIO 352: Coral Reef Field Survey

3 Credit Hour(s)

Fulfills Core Competency: Civic Engagement. This course is centered around a summer field trip to Australia's Great Barrier Reef; students must be strong swimmers and will need to cover additional costs associated with this trip. By completing both the spring classroom sessions and the summer field trip, students will gain an understanding of how to measure the health of coral reefs, contrast biodiversity in different types of coral reefs, and appreciate the vital role coral reefs play in the socioeconomic health of rural Australia. Prerequisites: BIO 109 This is a closed course. Registration requires an interview with the course instructor and Global Programs. (UG)

BIO 407: Pathophysiology

3 Credit Hour(s)

This course is designed to present information to the professional RN regarding alterations in the physiology of adult patients with common acute chronic disease specifically related to the pulmonary, renal, cardiovascular, endocrine, hematologic, immune, gastrointestinal, gynecological, and neurologic systems. It is based on a systems approach and is intended to promote an understanding of how and why symptoms appear, so that the student has a reasonable explanation for the finding he/she elicits on assessment. This course also assists the student in developing a comprehensive approach to the management of patient problems associated with the aforementioned problems. Emphasis is placed on decision making that utilizes a complete data base consisting of physical, psychological, environmental, social and economic findings. Prerequisite: Nursing majors only or permission of instructor. Offered As Needed. (UG)

BIO 417: Immunology

3 Credit Hour(s)

A detailed study of the principles of immunology. The course focuses on the details of the nonspecific and specific defenses of the body, immunological dysfunction and immunodiagnostics. Prerequisite: BIO 315 and CHE 101 or CHE 111. (UG)

BIO 436: Evolutionary Biology

4 Credit Hour(s)

A study of the development and current state of evolutionary biology. Critical discussion of important writings in the field is emphasized. Prerequisites: BIO 100 or BIO 109 and BIO 110 plus two 300- level biology courses, MTH 134. Lecture, 3 hours. (UG)

BIO 436L: Evolutionary Biology Lab

0 Credit Hour(s)

Laboratory techniques in Evolutionary Biology. Co-requisite: BIO 436. (UG)

BIO 440: Molecular Biology

3 Credit Hour(s)

Cross-listed as BCH 440. A detailed presentation of the structure and function of biological molecules and macromolecular complexes. The experimental approaches used in modern laboratories are emphasized. Lecture, 3 hours. (UG)

BIO 440L: Molecular Biology Lab

1 Credit Hour(s)

Cross-listed as BCH 440L. Laboratory techniques and experimentation involving proteins and nucleic acids. Co-requisite: BIO 440. Laboratory, 3 hours. (UG)

Chemistry

CHE 101: General Chemistry

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. An introduction to inorganic chemistry. Topics include bonding, equations, reactivity, solutions, and equilibrium. This course cannot be used as science elective credit for science majors. Prerequisite: One year of high school chemistry or MTH 97 or equivalent placement. Lecture, 3 hours. (UG)

CHE 101L: General Chemistry Lab

1 Credit Hour(s)

An introduction to laboratory techniques in chemistry required of students in the Environmental Studies program who do not take CHE 110L. Corequisite:CHE 101. (UG)

CHE 102: Preparation for Chemistry I

3 Credit Hour(s)

This is a preparatory course for the study of general chemistry for science majors (CHE110) and is offered ONLY to students who choose to leave CHE110 due to anticipated unacceptable performance in CHE 110. The course will focus on major areas of problem solving needed for introductory chemistry and the appropriate manipulation of numbers. Topics covered: mass and unit conversions to and from the metric system; atomic structure and nomenclature for compounds; balancing chemical reactions and making chemical conversions through stoichiometric relationships; correctly writing and interpreting various types of reactions to aqueous solutions and balancing redox reactions; using the gas laws to predict properties of the gases, and to predict the reacted or expected amounts within chemical reactions of reactant or product gases. Successful completion of the course allows students to proceed to CHE 110. Pre-requisite: Prior enrollment but non-completion of CHE 110/L. (UG)

CHE 102L: Prep for Chemistry I Lab

1 Credit Hour(s)

A laboratory course to accompany CHE 102. The focus of these experiments will be on major areas of problem solving. Prerequisite: Prior enrollment but non-completion of CHE 110L. (UG)

CHE 110: Chemistry I

4 Credit Hour(s)

An introduction to the basic principles, theories and techniques of chemistry. Topics include stoichiometry, atomic structure, bonding, states of matter, equilibrium, thermodynamics, kinetics, electrochemistry and chemical reactions. Prerequisite: One year of high school chemistry; mathematics competency of MTH 124 or higher. Lecture, 3 hours; Laboratory, 3 hours. (UG)

CHE 110L: Chemistry I Lab

0 Credit Hour(s)

Laboratory techniques for General Chemistry I. Corequisite: CHE 110. (UG)

CHE 111: Chemistry II

4 Credit Hour(s)

A continuation of the study of the basic principles, theories and techniques of chemistry. Prerequisite: Minimum grade C in CHE 110. Lecture, 3 hours; Laboratory, 3 hours. (UG)

CHE 111L: Chemistry II Lab

0 Credit Hour(s)

Laboratory techniques for General Chemistry II. Prerequisite: Minimum grade C in CHE 110. Corequisite: CHE 111. (UG)

CHE 112: Introduction to Forensic Chemistry

3 Credit Hour(s)

A fundamental exploration of forensic chemical techniques, data analysis, and formal presentation of data collected. Chemical techniques for this course include fingerprinting techniques, chromatography, density gradients, and spectroscopy. Prerequisites: CHE 101 or CHE 110. (UG)

CHE 112L: Introduction to Forensic Chemistry Lab

1 Credit Hour(s)

Laboratory techniques for general forensic chemistry. Corequisite: CHE 112. (UG)

CHE 301: Organic Chemistry I

3 Credit Hour(s)

An introduction to organic functional groups. Bonding, reaction mechanisms, synthetic chemistry, isomers (position, functional and stereo), oxidation-reduction and the chemistry of organic molecules are covered. Science credit may not be earned for both BCH 317 and CHE 301. Prerequisites: CHE 111. Lecture, 3 hours. (UG)

CHE 301L: Organic Chemistry I Lab

1 Credit Hour(s)

An introduction to organic techniques and synthesis. Pre/corequisite: CHE 301. Laboratory, 3 hours. (UG)

CHE 302: Organic Chemistry II

3 Credit Hour(s)

An expanded view of reaction mechanisms and stereochemistry. The development of a more complete synthetic correlation chart. Special topics include spectroscopy and molecular rearrangements. Prerequisite: CHE 301. Lecture, 3 hours. (UG)

CHE 302L: Organic Chemistry II Lab

1 Credit Hour(s)

Organic synthesis and spectroscopy. Pre/corequisite: CHE 302. Laboratory, 3 hours. (UG)

CHE 303: Introduction to Physical Chemistry

4 Credit Hour(s)

An introduction to physical chemistry including thermodynamics, chemical equilibrium, chemical kinetics and quantum mechanics. Prerequisites: MTH 144, PHY 102 or PHY 152, CHE 302. Lecture, 3 hours; Laboratory, 3 hours. (UG)

CHE 303L: Introduction to Physical Chemistry Laboratory

0 Credit Hour(s)

Laboratory techniques for Intro to Physical Chemistry. Corequisite: CHE 303. (UG)

CHE 304: Advanced Physical Chemistry

4 Credit Hour(s)

A continuation of the study of the basic principles of physical chemistry. Prerequisite: CHE 303. Lecture, 3 hours; Laboratory, 3 hours. (UG)

CHE 304L: Advanced Physical Chemistry Laboratory

0 Credit Hour(s)

Laboratory techniques for Advanced Topics in Physical Chemistry. Corequisite: CHE 304. (UG)

CHE 309: Chemistry III

3 Credit Hour(s)

A discussion of bonding theories, chemistry of the elements, coordination compounds and stereochemistry of inorganic compounds. Prerequisite: CHE 302/L. (UG)

CHE 311: Contemporary Chemical Analysis

4 Credit Hour(s)

The principles and techniques of quantitative analytical chemistry. The topics include gravimetric, volumetric, electrochemical and instrumental techniques. Prerequisite: CHE 111. Lecture, 3 hours; Laboratory, 3 hours. (UG)

CHE 311L: Contemporary Chemical Analysis Laboratory

0 Credit Hour(s)

Laboratory techniques for Contemporary Chemical Analysis. Corequisite: CHE 311. (UG)

CHE 312: Modern Instrumental Analysis

4 Credit Hour(s)

An introduction to the use of modern analytical instruments. Theory of operation and hands-on practical applications are covered. Prerequisite: CHE 301 or BCH 317. Lecture, 3 hours; Laboratory, 3 hours. (UG)

CHE 312L: Modern Instrumental Analysis Laboratory

0 Credit Hour(s)

Laboratory techniques for Modern Instrumental Analysis. Corequisite: CHE 312. (UG)

CHE 314: Chemistry of Emotion

3 Credit Hour(s)

Fulfills core competencies Critical Thinking; Communication Skills; This course provides students with an overview of the endocrine and nervous systems. It focuses on an understanding of neuropeptides and their relationship to emotion. This course also includes various ways of understanding the complex pathways in which our emotions are influenced by environment and the role our emotions play on our health and overall well-being. Students are introduced to various therapies, both traditional and complementary, which can alter the type and amount of neuropeptides and neurotransmitters in the body. (UG)

CHE 337: Forensic Chemistry

3 Credit Hour(s)

An advanced approach to application of modern qualitative and quantitative techniques used in a forensic laboratory. The emphasis is on investigating common interferences that exist in forensic evidence along with how to work with unknown materials. Prerequisites: CHE 110, CHE 111 and BCH 317 or CHE 301. (UG)

CHE 337L: Forensic Chemistry Lab

1 Credit Hour(s)

Laboratory techniques for Forensic Chemistry. Corequisite: CHE 337. (UG)

CHE 420: Medicinal Chemistry

3 Credit Hour(s)

This course focuses on pharmaceutical drug discovery and design. Students will learn the rationale of drug design, focusing on the effect of molecular shape and chemical composition on binding affinity to a receptor site as well as the mechanism of action. This course will further develop critical thinking and problem-solving skills. Prerequisites: CHE 302 or BCH 317 (UG)

Cytotechnology

CYT 507: Cytology of the Female Genital Tract- Squamous

2 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to report and diagnose benign through malignant squamous cell lesions in the female genital tract. A multitude of benign cervical cytologic changes will be addressed including identification of infectious agents. Human papillomavirus and its impact on cervical cytology will serve as a primary focus of this course. The course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 509: Cytology of the Female Genital Tract- Glandular and Other

2 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to report and diagnose benign through malignant glandular cell lesions in female genital tract. A multitude of endocervical and endometrial cytologic changes will be addressed. Other areas of interest addressed in this course include vulvar, ovarian, fallopian tube and uterine changes. The course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 510: Introduction to Cytology, Cytopreparation

1 Credit Hour(s)

This course serves as an introductory course to the realm of cytology. Areas of interest include laboratory safety, the profession of cytotechnology, and cytopreparation. Specifies to cytology will also be introduced, including fixatives, anatomy, and histology. The papanicolaou stain will concept of Pap smear to microscopic slide will be taught. Lastly, microscopic screening will be introduced by understanding the light microscope. All focus of this course will be on gynecologic specimens. The course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 605: Cytology of Body Cavity Fluids and Cerebrospinal Fluied

2 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to report and diagnose infectious, benign and malignant lesions of body cavity fluids (BCF) and cerebrospinal fluid (CSF) and to triage those specimens that are atypical, suspicious or malignant to IHC, flow cytometry and molecular testing. The course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 606: Histotechnology and Gross Pathology

3 Credit Hour(s)

This course is designed to provide students with the knowledge base of histotechnology in areas of laboratory safety, fixation and processing, embedding, microtomy, staining and tissue morphology. Students will be introduced to the general principles of gross pathology including descriptive terms, report templates and small biopsy grossing and their application in the histology laboratory practice. It will encompass activities in the surgical pathology lab during the pre-analytical stage of specimen processing. (GR)

CYT 607: Cytology of the Respiratory Tract

3 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to report and diagnose infectious, benign and malignant lesions of the respiratory tract and to triage those specimens that are malignant to immunohistochemistry (IHC), flow cytometry and molecular testing. The course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 609: Cytology of the Urinary Tract

1 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to report and diagnose infectious, benign and malignant lesions of the urinary tract and to triage those specimens that are abnormal to the appropriate adjuctive testing (FISH, IHC, Flow cytometry). The course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 610: Cytology Laboratory Management

1 Credit Hour(s)

This course is designed to introduce students to the fundamentals of cytology laboratory management. This course develops the cytotechnology students' ability to prepare and assist in the basic laboratory management techniques as applies to cytology. The course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 612: Cytology of the Gastrointestinal Tract

2 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to report and diagnose infectious, benign and malignant lesions of the gastrointestinal tract and to triage those specimens that are abnormal to the appropriate adjunctive testing (IHC and Flow cytometry). This course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 614: Fine Needle Aspiration Cytology I: Collection Method, Breast, Thyroid, Lymph Node

3 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to report and diagnose infectious, benign and malignant lesions of the gastrointestinal tract and to triage those specimens that are abnormal to the appropriate adjunctive testing (IHC and Flow cytometry). This course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 618: Fine Needle Aspiration Cytology Ii: Salivary, Bone and Soft Tissue, Pancreas, Liver, Kidney, Adrenal, Metatases

3 Credit Hour(s)

This course is designed to provide students with an introduction to fine needle aspiration cytology as well as the knowledge base needed to report and diagnose infectious, benign and malignant lesions of the salivary gland, bone and soft tissue, pancreas, liver, kidney, and adrenal glands. Metastatic tumors will be covered in full detail. Students will be able to triage those specimens that are abnormal to the appropriate adjunctive testing (FISH, IHC, Flow Cytometry). This course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 620: Immunohistochemistry

1 Credit Hour(s)

This course is designed to introduce students to the fundamentals of immunohistochemical staining (IHC) and the use of IHC with cytrologic specimens. This course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 641: Cytology Clinical Practicum I

1 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to engage in health related work based learning experience. This will enable the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional. The clinical rotations provide students with experience in local area clinical laboratories so that the student may demonstrate competency in each clinical student which will be a combination of on-site and off-site rotations. (GR)

CYT 642: Cytology Clinical Practicum II

2 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to engage in a health-related work-based learning experience. This will enable the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. The clinical rotations provide students with the experience in local area clinical laboratories so that the student may demonstrate competency in each clinical area determined by the established objectives. A clinical schedule will be provided to each student which will be a combination of on-site and off-site rotations. (GR)

CYT 643: Cytology Clinical Practicum III

3 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to engage in a health-related work-based learning experience. This will enable the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. The clinical rotations provide students with the experience in local area clinical laboratories so that the student may demonstrate competency in each clinical area determined by the established objectives. A clinical schedule will be provided to each student which will be a combination of on-site and off-site rotations. (GR)

CYT 650: Cytology Research and Professional Development I

1 Credit Hour(s)

The Cytotechnology program culminates with completion of the research component of the program. The research project will be completed over multiple terms (one credit per term for a total of 3 credits). Students will demonstrate the ability to critically evaluate published professional literature and explain the basic principles of the scientific method. Students will perform a cytology related project for presentation and potential publication of their research findings. O (GR)

CYT 652: Cytology Research and Professional Development II

1 Credit Hour(s)

This course is designed to provide students with the knowledge base needed to conduct and complete an advanced research/thesis project involving a study of interest in the cytopathology laboratory. This course is offered off-site at Roswell Park Cancer Institute. (GR)

CYT 653: Cytology Research and Professional Development III

1 Credit Hour(s)

This course is designed to provide student with the knowledge base needed to conduct and complete an advanced reseach/thesis project involving a study of interest in the cytopathology laboratory. This course is offered off-site at Roswell Park Cancer Institute. (GR)

Environmental Studies

ENS 201: Introduction to Environmental Science

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. A survey of ecological principles, human modifications of environment, population dynamics, environmental pollutants and the effects on ecological systems. Intended for non-science majors, cannot be used for major credit for science majors. (UG)

ENS 205: Planet Earth I: Physical Features

3 Credit Hour(s)

Cross-listed as NSC 205. An introduction to physical aspects of geology, hydrology, the atmosphere and oceanography of the Earth and the application of these principles from a scientific perspective to land use and planning. Cannot receive credit for both ESC 107 and ENS/NSC 205. (UG)

ENS 211: Environmental and Energy Policies I

3 Credit Hour(s)

Cross-listed as PSC 211. A survey of major environmental and energy policies and the intergovernmental administrative system established to implement them. Topics include a history of the environmental movement, green politics, international environmental issues and the contrasts between scientific and political decision-making. If taken as ENS 211, this course cannot be used as a science elective. (UG)

ENS 212: Environmental and Energy Policies II

3 Credit Hour(s)

A continuation of ENS/PSC 211. Prerequisite: PSC/ENS 211. (UG)

ENS 219: Politics, Planning and Land Use

3 Credit Hour(s)

Cross-listed as PSC 219. Principles and practice of land management policies at the state and local levels of government. Topics include zoning power of local government, preparation of master plans, variance procedures, federal mandates and Environmental Impact Statements. (UG)

ENS 303: Environmental Toxicology

3 Credit Hour(s)

Cross-listed as NSC 303. Fulfills core competency: Critical Thinking and Problem Solving. An examination of different types of toxins, their routes into organisms, environmental fates and roles in metabolic pathways. Applications to environmental and occupational health as well as detection and risk assessment are included. Prerequisites: BIO 109 and BIO 110/L and CHE 110/L. (UG)

ENS 304: Environmental Chemistry

3 Credit Hour(s)

An examination of the chemical aspects of pollution (water, air and land) including detection and remediation methods. Chemistry for the sustainable use of natural resources is discussed. Prerequisite: CHE 110. (UG)

ENS 304L: Environmental Chemistry Lab

1 Credit Hour(s)

Employs the practical application of chemical analysis for detection and remediation methods of pollution in water, air and land. The chemistry of some alternative energy sources are also explored. Corequisite: ENS 304. (UG)

ENS 305: Limnology

3 Credit Hour(s)

Human life depends on a close interaction with available freshwater. However, with increasing human interaction often comes an increase in health risks due to mistreated water sources. This course covers the biological, chemical and physical properties of lakes, rivers, and wetlands as aquatic habitats and how these different habitats interact with human society. We will further discuss common health risks, such as water-borne diseases and an altered capacity to provide food and cultural services. Prerequisites: BIO 110 (UG)

ENS 310: Global Water Issues

3 Credit Hour(s)

Cross-listed as SUST 310. Fulfills core competencies: Information Literacy; Contextual Integration. This course investigates the environmental, technological and health-related issues associated with the availability and quality of water worldwide. Case studies of global water problems will incorporate the role of socioeconomic and political issues. Prerequisite: BIO 100 or BIO 110 or ENS 201, or Permission of Instructor. (UG)

Environmental Science

ESC 107: Introduction to Earth Science

3 Credit Hour(s)

An introduction to the earth sciences with emphasis on geology, oceanography and meteorology. Intended for non-majors. Science majors cannot use this course for credit in the major. (UG)

Forensic Science

FOR 101: Introduction to Forensic Science

3 Credit Hour(s)

Fulfills core competency: Communication Skills. Writing-Intensive. An introduction to the fascinating world of how science solves crimes. The topics for this course include and are not limited to: the history of forensic science, crime scene investigation, trace analysis, drugs, arson, fingerprints, firearms, tool mark analysis and document analysis. Lecture, 3 hours. Science majors cannot use this course for credit in the major. (UG)

Natural Science

NSC 101: Natural Science Freshman Seminar

1 Credit Hour(s)

This course serves as an orientation for science majors to the resources, opportunities, and expectations of Daemen university's Natural Science Department. Students will learn how to navigate Blackboard, where to find information in the science/syllabi and lab manuals, and will begin developing a professional resume. The course will also introduce students to active note taking, how to use Excel, study skills, and time management. This course will be team taught allowing an introduction of multiple faculty members. (UG)

NSC 121: Pre-Veterinary Seminar I

1 Credit Hour(s)

Fulfills core competencies: Communication Skills; Information Literacy. Research and Presentation requirement. Writing Intensive. This course is the first in the sequence of three courses designed to introduce students to the veterinary profession. Students will be introduced to the history and status of the profession, scope of practice, professional organizations, veterinarians' role in working with public health professionals, and the importance of scientific research to informing practice. Students will research relevant veterinary medical topics for oral and written presentation synthesizing information from appropriate primary and secondary sources. Prerequisite: CMP 101. (UG)

NSC 203: Health Statistics

3 Credit Hour(s)

Introduction to statistical methodologies used to evaluate scientific evidence in health care. This course is designed to provide a foundation in statistical literacy that will serve as a prerequisite to Epidemiology (HPR 335). Topics indlucde: Descriptive statistics, statistical inference probability theory and application, sampling theory, hypothesis testing, estimation, and confidence intervals. Specific statistical analyses include: t-test, ANOVA, Chi-squared, linear correlation, and linear regression. Prerequisite: MTH 124 or MTH 104. (UG)

NSC 220: Mobility, Technology & Equity: Intro to IMIT

1 Credit Hour(s)

This course is designed to introduce you to the Institute for Mobility Innovation & Technology (IMIT), including issues regarding mobility, accessibility, and disability in society. With the Institute for Mobility, Innovation & Technology (IMIT), Daemen University is creating a unique community resource that will feature the world's leading robotic devices and advanced physical therapy equipment. IMIT will help a wide range of people with mobility and walking challenges, including people impacted by stroke, multiple sclerosis, Parkinson's disease, cerebral palsy, spinal cord injury, traumatic brain injury, and other neurological, pediatric and orthopedic conditions. IMIT is grounded in four pillars: clinical care, advocacy, research, and education (CARE). This course will explore the work of IMIT through the lens of multiple academic disciplines, and serve as a foundation for students who will do projects or internships at IMIT as well as students interested in the minor EASE - Equity, Access, Services & Engagement. . (UG)

NSC 221: Pre-Veterinary Seminar II

1 Credit Hour(s)

Fulfills core competencies: Communication Skills; Information Literacy. Research and Presentation requirement. Writing Intensive. This course is the second in the sequence of three courses designed to introduce students to the veterinary profession. Students will be introduced to the history and status of the profession, scope of practice, professional organizations, veterinarians' role in working with public health professionals, and the importance of scientific research to informing practice. Students will research relevant veterinary medical topics for oral and written presentation synthesizing information from appropriate primary and secondary sources. Prerequisite: NSC 121. (UG)

NSC 231: Natural Science: Scientific Language & Literacy Seminar

2 Credit Hour(s)

A seminar on research problems and recent advances in natural science. Emphasis is placed on using different forms of media and presentation to communicate scientific ideas. Prerequisites: Biology, Biochemistry or Natural Science major; Sophomore status = min. grade C in CHE 111, BIO 110, and 3 credits in an additional 300/400 level BIO or CHE. (UG)

NSC 244: Scientific Techniques and Data Interpretation

3 Credit Hour(s)

A survey of basic methods of data collection and analysis. Students will learn about the theory and practice of basic laboratory skills that are considered necessary for entry-level laboratory positions or beginning graduate studies in the sciences. Methods of data collection and analysis for different techniques and instrumentation will be reviewed. Prerequisite: BIO 110, CHE 111. (UG)

NSC 303: Environmental Toxicology

3 Credit Hour(s)

Cross-listed as ENS 303. Fulfills core competency: Critical Thinking and Problem Solving. An examination of different types of toxins, their routes into organisms, environmental fates and roles in metabolic pathways. Applications to environmental and occupational health as well as detection and risk assessment are included. Prerequisites: BIO 109 and BIO 110/L and CHE 110/L. (UG)

NSC 306: Teaching Science in Middle and High School

3 Credit Hour(s)

Practicum level course. An investigation of the diverse methods for presenting science material in the middle and high school classroom to meet the national and state standards for science education. Prerequisites: Upper division status in biology. Taken with the practicum course block. (UG)

NSC 307: Pharmacotherapeutics

3 Credit Hour(s)

Not open to Biology, Biochemistry or Natural Science majors. This elective course presents the latest information about the newest medications and up-to-the minute information about traditional drugs in a manner that is relevant to the needs of the professional nurse caring for patients in a variety of clinical settings. Through a nursing process approach, the course stresses pharmacological principles that will aid the nurse in the administration of medications. The course is designed for the nurse who already has a basic knowledge of anatomy and physiology. Problem-solving sessions throughout the course focus on therapeutic usages and monitoring of each of the classes of agents. Prerequisites: BIO 207-208 or BIO 330-340. Lecture, 3 hours. (UG)

NSC 310: Biostatistics

3 Credit Hour(s)

Fulfills core competency: Critical Thinking. An introduction to descriptive and inferential statistics with emphasis on applications in biological and health sciences. Prerequisite: MTH 134, BIO 110. Lecture, 3 hours; Computer Lab, 1 hour. (UG)

NSC 321: Pre-Veterinary Seminar III

1 Credit Hour(s)

Fulfills core competencies: Communication Skills; Information Literacy. Research and Presentation requirement. Writing Intensive. This course is the third in the sequence of three seminar courses designed to introduce students to the veterinary profession. Students in this final seminar will complete an extended research project on a selected veterinary medical topic using appropriate primary literature. It is expected that students will present their work in either poster or oral format for a public audience. Topics in this seminar will explore policies related to animal research and welfare, the role of the veterinarian to inform policy and to work with other professionals as part of the public health system (One Health Initiative). Prerequisite: NSC 221 (UG)

NSC 331: Natural Science Literature Survey

2 Credit Hour(s)

Fulfills core competency: Information Literacy. Writing Intensive. Together with NSC 443, combination of both courses meet Research and Presentation requirement. An introduction to the general principles and procedures of scientific research with emphasis on the use of scientific literature and methods of research. Prerequisite: Upper division status in Biochemistry, Biology or Natural Science and successful completion of CHE 302 and 2 additional courses in BIO, ENS, NSC at the 300/400 level or permission of the instructor. Seminar, 1 hour; Literature work, 3 hours. (UG)

NSC 342: Biomaterials

3 Credit Hour(s)

An examination of the range of biomaterials available for orthopedics, cardiology, plastic surgery, dentistry, and other applications. The selection of materials and their manufacture for implantation in the body are discussed. Issues surrounding safety of biomaterials in the body, as well as the FDA processes governing implants and clinical trials are examined. Prerequisites: BIO 110 and CHE 111. (UG)

NSC 401: Research Problems in Cell Biology

1-3 Credit Hour(s)

Individual literature and/or laboratory research in cell biology under supervision. Prerequisites: BIO 325; NSC 331; permission of instructor. (UG)

NSC 404: Research Problems in Mammalian Physiology

1-3 Credit Hour(s)

Individual literature and/or laboratory research in mammalian physiology under supervision. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 405: Research Problems in Genetics and Microbiology

1-3 Credit Hour(s)

Individual literature and/or laboratory research in Genetics and/or Microbiology. Prerequisites: NSC 331, permission of instructor. (UG)

NSC 406: Research Problems in Organic and Environmental Chemistry

1-3 Credit Hour(s)

Individual literature and/or laboratory research in organic or environmental chemistry under supervision. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 407: Research Problems in Molecular Biology and Biochemistry

1-3 Credit Hour(s)

Individual literature and/or laboratory research in molecular biology and/or biochemistry. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 408: Research Problems in Biochemistry

1-3 Credit Hour(s)

Individual literature and/or laboratory research in molecular biology and/or biochemistry. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 409: Research Problems in Analytical and Physical Chemistry

1-3 Credit Hour(s)

Individual literature and/or laboratory research in analytical or physical chemistry under supervision. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 410: Research Problems in Ecology and Environmental Biology

1-3 Credit Hour(s)

Individual literature and/or laboratory research in ecology and evolutionary biology under supervision. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 412: Research Problems in Zoology and Natural History

1-3 Credit Hour(s)

Individual literature and/or laboratory research in zoology and/or natural history under supervision. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 413: Research Problems in Organic & Biochemistry

1-3 Credit Hour(s)

Individual literature and/or laboratory research in organic chemistry and/or biochemistry under supervision. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 414: Research Problems in Developmental Biology

1-3 Credit Hour(s)

Individual literature and/or laboratory research in developmental biology under supervision. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 415: Research Problems: Bioengineering and Wound Healing

1-3 Credit Hour(s)

Individual literature and/or laboratory research in bioengineering and/or wound healing under supervision. Prerequisites: NSC 331; permission of instructor. (UG)

NSC 416: Research Problems: Inorganic Biochemistry

1-3 Credit Hour(s)

Individual literature and/or laboratory research in inorganic biochemistry under supervision. Prerequisites: NCS 331; permission of instructor. (UG)

NSC 443: Natural Science Research Seminar

2 Credit Hour(s)

Fulfills core competency: Information Literacy; Writing Intensive. Together with NSC 331, combination of both courses meet Research and Presentation requirement. A capstone seminar focusing on research conducted by seniors and faculty. Prerequisites: NSC 331, with a grade of C or better; Senior status in Biochemistry, Biology or Natural Science. Seminar, 1 hour; Literature and/or Laboratory Work, 3 hours. (UG)

NSC 458: Natural Science Directed Study

1-3 Credit Hour(s)

Independent study or project in a natural science discipline under supervision of a faculty member. Prerequisites: Senior status in a natural science discipline and permission of the department chairperson. (UG)

Physics

PHY 125: Forensic Physics

4 Credit Hour(s)

An overview of how many concepts in physics can be used to solve crimes. Topics for this course include: blood spatter analysis, ballistics, and auto accident recreation. Prerequisite MTH-125. (UG)

PHY 125L: Forensic Physics Lab

0 Credit Hour(s)

Laboratory techniques for Forensic Physics. Prerequisite MTH-125. (UG)

PHY 151: General Physics I Lecture

4 Credit Hour(s)

A typical course in general physics intended for students in Biochemistry and Mathematics. Emphasis is placed on fundamental principles and theories. Prerequisite: MTH 144 or equivalent placement. Lecture, 3 hours; Laboratory, 3 hours. (UG)

PHY 151L: General Physics I Lab

0 Credit Hour(s)

Laboratory techniques for General Physics I. Corequisite: PHY 151. (UG)

PHY 152: General Physics II Lecture

4 Credit Hour(s)

A continuation of General Physics I. Prerequisite: PHY 151. Lecture, 3 hours; Laboratory, 3 hours. (UG)

PHY 152L: General Physics II Lab

0 Credit Hour(s)

Laboratory techniques for General Physics II. Corequisite: PHY 152. (UG)

PHY 201: Physics I

3 Credit Hour(s)

A study of the elements of physics. Part I covers mechanics, heat and sound. Prerequisite: MTH 134 or equivalent placement. Lecture, 3 hours. (UG)

PHY 201L: Physics I Lab

1 Credit Hour(s)

Experimental analysis of concepts discussed in Part I lecture. Co or prerequisite: PHY 201. Laboratory, 3 hours. (UG)

PHY 202: Physics II

3 Credit Hour(s)

A continuation of the study of the elements of physics. Part II covers electricity, magnetism, light and radioactivity. Prerequisite: PHY 201. Lecture, 3 hours. (UG)

PHY 202L: Physics II Lab

1 Credit Hour(s)

Experimental analysis of concepts discussed in Part II lecture. Co or prerequisite: PHY 202. Laboratory, 3 hours. (UG)

Nursing

Contact Information

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Chair

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(716) 839-8387

Degrees Offered

- **Bachelor of Science in Nursing (1+2+1 curriculum)**
- **Bachelor of Science in Nursing (RN – BS Program)**

The RN-BS program is designed for working nurses. The 1+2+1 curriculum provides an opportunity unlike any other in Western New York through Daemen's unique partner collaboration and has been implemented in response to New York's increasing nursing shortage.

Certificate Program

- **Post-Licensure Perspectives in Oncology Nursing for International RNs** ***(currently not accepting new students)***

Accreditation Information

Nursing baccalaureate (B.S.) programs are accredited programs. You can find **Nursing accreditation information** in our catalog

Nursing Department Philosophy

Consistent with the stated mission of Daemen University, the nursing philosophy embodies compassion, personal and professional commitment, and lifelong learning. The complexity of healthcare demands Registered Nurses (RNs) in different levels of practice with a variety of educational backgrounds as crucial members of the healthcare team. Baccalaureate education is viewed as the foundation for professional practice. Graduate education builds on baccalaureate education through the acquisition of advanced knowledge, skill, and technology proficiency that would facilitate complex decision-making to prepare nurses for independent advanced practice in clinical, education, research, and leadership roles.

The faculty views professionalism as the consistent demonstration of core nursing values. Caring and compassion are essential to professional nursing practice. Professionalism involves accountability for one's self and nursing practice through the demonstration of professional standards of moral, ethical, and legal conduct. Nursing embodies continuous professional engagement to assure competent practice. Service to the community and the profession are essential components of professionalism.

Daemen seeks to build on the RN's existing knowledge to prepare nurses as leaders in the healthcare community. Leadership promotes ethical, critical decision-making as the nurse designs, coordinates, and manages patient care at all levels of practice. Nurse leaders are necessary to shape healthcare policy and organize healthcare delivery systems that span the continuum from acute to community-based care. Leadership involves the utilization of interpersonal skills to influence others to move toward achieving a vision or goal with emphasis on practice, improving health outcomes, and ensuring patient safety. The curriculum emphasizes leadership practice, improvement of health outcomes, and ensuring patient safety.

Central to the nurse's ability to provide care as a leader in a complex world is clinical reasoning. Clinical reasoning is developed through continual assessment of the quality of information from multiple perspectives including, but not limited to the humanistic arts and sciences and the biological arts and sciences. Critical thinking employs multiple lenses and perspectives to understand and interpret a situation that provides a background for bringing creative and innovative approaches to the health care environment.

Clinical reasoning and critical thinking are developed through evidence-based practice. Evidence-based practice embodies the application of existing knowledge

and the generation of new knowledge. This implies the use of informatics to gather information, and critical thinking skills to apply the information at the appropriate time. It further promotes the generation of new knowledge through research to answer questions that affect professional practice.

The provision of nursing to a global community encompasses patient-centered care of diverse individuals, families, groups, and communities through the recognition and respect of patient differences, values, and preferences. The health needs of the underserved members of the local community are considered in relation to their connection to larger populations. Care to the global community includes a demonstration of cultural sensitivity in the identification and formulation of strategies for improved access and use of healthcare services and the sustainability of these strategies.

Vital to providing care to the global community is a nurse's ability to utilize healthcare informatics. Health care informatics encompasses knowledge, skills, and the application of technological advances that are used to optimize the delivery of quality patient care. This incorporates both information systems/technology and patient care technology. Graduates from the program will acquire technological skills in accessing, utilizing, and evaluating information systems that support and guide safe nursing practice.

Nursing education is viewed as a collaborative process where learners are engaged in classroom, clinical, and external learning environments. Faculty act as facilitators to promote and support professional development and student-directed, lifelong learning. The student-centered atmosphere empowers students to grow personally and professionally beyond their initial expectations. The transformation that occurs allows the graduate to impact the nursing profession and society.

End of Program Competencies

Upon completion of the undergraduate nursing program the student will:

1. Collaborate with other health care professionals and patients to provide culturally appropriate care.
2. Advocate for social justice, including the commitment to the health of vulnerable populations and the elimination of health disparities.
3. Evaluate sources of evidence and clinical practice guidelines for patient care.
4. Integrate the best evidence, clinical judgment, and patient preferences in planning care.
5. Interpret multiple biological, physical, and social factors in assessing, planning, and implementing safe patient care to diverse populations in diverse settings.
6. Demonstrate skills in using patient care technologies, information systems, and communication devices to improve patient outcomes and create a safe patient care environment.
7. Demonstrate leadership skills working within organizations or in the community both in the actual provision of care and/or supervising the care provided by others to improve and ensure patient safety.
8. Demonstrate professionalism through accountability in nursing practice, professional engagement, and service to the profession and the community.

Bachelor of Science in Nursing (1+2+1 Curriculum)

General Education Curriculum

First-year students entering the 1+2+1 Nursing curriculum are required to complete one Learning Community comprised of two linked courses with a common theme. The linked courses are taken in the same term. The Research and Presentation requirement of the core is met by successful completion of NUR432 and NUR453. Students in this curriculum are not required to complete the depth discovery and breadth exploration requirements. A complete description of the general education curriculum and its requirements is available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BS, Nursing 1 + 2 + 1 SUNY Erie

1. Major: 90 CREDITS

- BIO310/BIO310L Microbiology Lecture/Lab (3)
- BIO207/207L Anatomy & Physiology I/Lab (4/0) *
- BIO208/208L Anatomy & Physiology II/Lab (4/0)
- BIO407 Pathophysiology (3)
- Lower Division Nursing Requirements at SUNY Erie (37)
- NUR305 Health Assessment (3)*
- NUR315 Concepts of Professional Nursing Practice (3)*
- NUR316 Holistic Perspectives (3)* *Students must enroll in designated section for 1-2-1 students*
- NUR317/L Professional Nursing Practice I/Lab (6/0)*
- NUR417/L Professional Nursing Practice II/Lab (6/0)*
- NUR432 Professional Issues (3)*
- NUR453/L Professional Nursing Practice III/Lab (6/0)*
- MTH104 Survey of Statistics (3)
- CHE101 General Chemistry (3)
- CMP101 English Composition (3)

2. General Education Electives: 36 CREDITS

- NOTE: Nursing courses not permitted.

3. Free Electives = 1 CREDIT

- NOTE: Course must be Liberal Arts and Science approved. Nursing courses not permitted.

* Minimum grade C required – partner schools require minimum grades of C in all courses for admission

TOTAL PROGRAM REQUIREMENTS = 127 CREDITS

BS, Nursing 1 + 2 + 1 GCC

1. Major: 93 CREDITS

- BIO310/BIO310L Microbiology Lecture/Lab (3)
- BIO207/207L Anatomy & Physiology I/Lab (4/0) *
- BIO208/208L Anatomy & Physiology II/Lab (4/0)
- BIO407 Pathophysiology (3)
- Lower Division Nursing Requirements at GCC (40)
- NUR305 Health Assessment (3)*
- NUR315 Concepts of Professional Nursing Practice (3)*
- NUR316 Holistic Perspectives (3)* *Students must enroll in designated section for 1-2-1 students*
- NUR317/L Professional Nursing Practice I/Lab (6/0)*
- NUR417/L Professional Nursing Practice II/Lab (6/0)*
- NUR432 Professional Issues (3)*
- NUR453/L Professional Nursing Practice III/Lab (6/0)*

- MTH104 Survey of Statistics (3)
- CHE101 General Chemistry (3)
- CMP101 English Composition (3)

2. General Education Electives: 36 CREDITS

- NOTE: Nursing courses not permitted.

3. Free Electives = 1 CREDIT

- NOTE: Course must be Liberal Arts and Science approved. Nursing courses not permitted.

* Minimum grade C required – partner schools require minimum grades of C in all courses for admission

TOTAL PROGRAM REQUIREMENTS = 130 CREDITS

BS, Nursing 1 + 2 + 1 SUNY Niagara

1. Major: 91 CREDITS

- BIO310/BIO310L Microbiology Lecture/Lab (3)
- BIO207/207L Anatomy & Physiology I/Lab (4/0) *
- BIO208/208L Anatomy & Physiology II/Lab (4/0)
- BIO407 Pathophysiology (3)
- Lower Division Nursing Requirements at SUNY Niagara (38)
- NUR305 Health Assessment (3)*
- NUR315 Concepts of Professional Nursing Practice (3)*
- NUR316 Holistic Perspectives (3)* *Students must enroll in designated section for 1-2-1 students*
- NUR317/L Professional Nursing Practice I/Lab (6/0)*
- NUR417/L Professional Nursing Practice II/Lab (6/0)*
- NUR432 Professional Issues (3)*
- NUR453/L Professional Nursing Practice III/Lab (6/0)*

- MTH104 Survey of Statistics (3)
- CHE101 General Chemistry (3)
- CMP101 English Composition (3)

2. General Education Electives: 36 CREDITS

- NOTE: Nursing courses not permitted.

3. Free Electives = 1 CREDIT

- NOTE: Course must be Liberal Arts and Science approved. Nursing courses not permitted.

* Minimum grade C required – partner schools require minimum grades of C in all courses for admission

TOTAL PROGRAM REQUIREMENTS = 128 CREDITS

Admission Requirements

1. An advanced Regent's Diploma (or equivalent)
2. Minimum 88% overall high school average
3. The Nursing, B.S. (1+2+1 Program) is test-optional

Admission to Partner School/Continuance in the Curriculum

1. SUNY Erie, GCC and SUNY Niagara Partners: Minimum grades of C in all courses
2. SUNY Erie Partner: Minimum cumulative GPA of 3.00
3. GCC and SUNY Niagara Partner: Minimum cumulative GPA of 2.75

Associate Degree

The Associate degree is conferred by the partner institution upon successful completion of studies through Year 3. Graduates are eligible to sit for the NCLEX licensure exam.

Additional CourseRequirements

1. RN licensure is required in order to progress to the 400 level nursing courses.

BS: Daemen Graduation Requirements

1. Minimum grade of C in all Nursing courses taken at Daemen University
2. An overall grade point average (GPA) of 2.00 in courses taken at Daemen University

Suggested Course Sequence

Access the suggested course sequences for: **BS,1+2+1 with SUNY Erie**, **BS, 1+2+1 with GCC**, or **BS, 1+2+1 with SUNY Niagara** from the Nursing Department web page.

Individual plans of study will be developed as appropriate.

Bachelor of Science in Nursing (RN – BS Program)

1. MAJOR: 83 CREDITS

    - BIO207/L Anatomy and Physiology I (3/1)
    - BIO208/L Anatomy and Physiology II (3/1)
    - BIO310/L Microbiology (2/1)
    - BIO407 Pathophysiology (3)
    - CHE101 General Chemistry (3)
    - CMP101 English Composition (3)
    - MTH104 Survey of Statistics (3)
    - NURLDV Nursing Lower Division Studies (30)
    - NUR305 Health Assessment (3)
    - NUR315 Concepts of Professional Nursing Practice (3)
    - NUR316 Holistic Perspectives (3)
    - NUR317/L Professional Nursing Practice I (6/0)
    - NUR417/L Professional Nursing Practice II (6/0)
    - NUR432 Professional Issues (3)
    - NUR453/L Professional Nursing Practice III (6/0)

1. NURSING GENERAL EDUCATION ELECTIVES: 36 CREDITS

    NOTE: Nursing courses are not permitted.

NOTE: For students who provide an official high school transcript indicating successful completion of Chemistry, CHE101 will be waived; consequently, such students will be required to take 3 additional credits in core electives.

1. FREE ELECTIVES: 1 CREDIT

    Course must be Liberal Arts and Science approved. Nursing courses not permitted.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Requirements for Admission:

1. Successful completion of an Associate Degree in Nursing or a Diploma Nursing Program at an Accreditation Commission for Education in Nursing (ACEN) or Commission on Collegiate Nursing Education (CCNE) accredited and state approved institution.
2. Official transcripts from all colleges attended on record at Daemen University.
3. Verification of nursing license or graduate permit to practice as a registered nurse*
4. Completion of at least 60 credit hours of liberal arts and sciences (includes lower division nursing credits earned through transfer).
5. Availability of a car for community experiences.

***Note: RN licensure is required to progress to the 400 level nursing courses.**

Requirements for Graduation

1. A minimum grade of C in all upper division Nursing courses.
2. An overall grade point average (GPA) of 2.00.
3. Apply for degree:
   All degree students are required to file an Application for Degree with the Registrar's Office at the onset of the final term of study. The Application for Degree form is accessible via Self Service.

Course Sequence

Access the **course sequences for the RN to BS in Nursing**, from the Nursing Department web page or the

Program Plans site on the Registrar's web page.

Insurance Requirements

When a student enrolls in NUR 417 and 453, a mandatory fee of $50.00 is imposed to cover malpractice insurance during the external learning experiences. This is required by the College regardless of whether the student has additional malpractice insurance of his or her own.

Oncology Nursing Certificate (Not currently enrolling students)

Perspectives In Oncology Nursing For International RNs

This post-licensure certificate is a collaborative partnership between Daemen College's Nursing Department and Roswell Park Cancer Institute (RPCI).

Objectives:

- To provide international licensed registered nurses experiences in an oncology hospital setting
- To foster the understanding of cultural differences in nursing care through classroom and clinical learning experiences
- To develop leadership skills in oncology nursing

Program Prerequisites/Admission Criteria:

Students will be selected by their home hospital/health care institution based on the following criteria:

- Proficiency in the English language as demonstrated by a minimum score of 100 on the TOEFL IBT or 600 on the TOEFL PBT. Students not meeting this requirement will need to enroll in an English remediation course to be completed prior to the onset of nursing studies.
- Proof of RN status in the student's home country.
- Successful completion of a registered nursing program as attested by official college/university transcripts to be sent to Daemen College
- Participants will need to demonstrate competency in nursing practice prior to beginning clinical placements at RPCI. Competency will be assessed by faculty at RPCI.
- Documentation of immunizations:
  - Measles/Rubeola
  - Mumps
  - Rubella
  - Tetanus or Tetanus/Diphtheria toxoid within the past ten years
  - An informed decision regarding Meningitis vaccine
- Medical history and physical examination within the past 12 months

Requirements:

- **PHASE I: Cultural Care in Oncology Nursing**
  - ESL215 Scholarly Research and Writing (3)
  - NUR316 Holistic Perspectives (3)
  - NUR251 Special Topics: Oncology Nursing I Lecture (3)
  - NUR251L Special Topics: Oncology Nursing I Lab (6)
  - 18 clock hours of clinical practice per week (3/1 ratio)
  - Includes a capstone project
  - Total Credits (15)
- **PHASE II: Leadership in Oncology Nursing**
  - HPR102 Introduction to Health Care (3)
  - NUR324 Leadership Development in Clinical Nursing (3)
  - NUR252 Special Topics: Oncology Nursing II Lecture (3)
  - NUR252L Special Topics: Oncology Nursing II Lab (6)
  - 18 clock hours of clinical practice per week (3/1 ratio)
  - Includes a capstone project
  - Total Credits (15)

TOTAL CERTIFICATE REQUIREMENTS = 30

Requirements for Completion of Oncology Certificate Program

1. A minimum grade of C in all required certificate courses
2. An overall grade point average (GPA) of 2.00
3. Apply for certificate:
   All certificate students are required to file an **Application for Certificate** form with the

Registrar's Office at the onset of the final term of study.

NOTE: Participation in the Commencement ceremony is not applicable to certificate candidates.

Health Science

HSC 112: Health Promotion Across the Lifespan

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course focuses on the promotion of health and wellness across the lifespan from the perspective of both the individual and the family. Contextual factors will be examined through the lenses of self, family, provider, governmental and societal responsibility to explore the relationship between individual, community and global health. Students will assess their own health-promoting behaviors and identify their own health risks. Current evidence will be explored and critically examined to identify influences on health and well-being. Offered in hybrid or distance education format. (UG)

HSC 209: Reel Insights: Interpreting and Finding Personal Meaning in Film

3 Credit Hour(s)

This course focuses on students viewing a film through their worldview and demonstrating their ability to comprehend, appreciate, analyze, and interpret the film(s). The practice of reflection using the framework of What (did I learn), So What (what difference does this concept make) and Now What (what will I do with this information) will highlight the personal explanations of the multiple meanings of the film(s) as students apply diverse strategies to gain a meaningful personal interpretation of the film. Students will reflect on the cultural, aesthetic, disciplinary, structural, and/or historical impact of the film(s). Concepts explored in this course include the power of humor, ethics, equality, mental health, public/global health, identity, human connection, discrimination, and advocacy. This course is offered in a web-based format, asynchronously. (UG)

HSC 210: Issues and Concerns At End of Life

3 Credit Hour(s)

This course will focus on the end of life from the patient perspective giving insight to the healthcare professionals as they assist with decision making. Concepts will focus on facilitating end of life discussions including transition to hospice and/or palliative care. Consideration will be given to legal and ethical issues at end of life. Tools will be provided for healthcare providers to assist with end of life documents including the MOLST form and advanced directives. Offerd in distance education format. (UG)

HSC 211: Population Health: Caring for the LGBTQ Community

3 Credit Hour(s)

Persons who identify as lesbian, gay, bisexual, or transgender, queer, asexual, two spirited (LGBTQAI2AI2) are a class of patients who are often marginalized in their health care. This online course taught in 10 modules will provide students with an overview of the healthcare, psychological, social and political health issues that the LGBTQAI2AI2 population faces. In this course, the student will gain a foundational understanding of the LGBTQAI2AI2 population and will explore health promotion, cultural competence, potential for substance abuse, health issues, and how to identify health care resources and promote laws and regulations regarding LGBTQ healthcare and social and political equity of care. Offered in distance eduation format. (UG)

HSC 212: Introduction to Genetics and Genomics

3 Credit Hour(s)

This course will give an introduction to the basic scientific principles of molecular genetics and how genetic factors impact common and complex health problems across the lifespan. The benefits, risks, and ethics of genetic testing will be included along with the considerations for the future of disease prevention and management. The role of the nurse/health professional in promoting health education to address patient concerns related to genetic disorders will also be discussed. Offered in distance eduation format. (UG)

HSC 213: Pandemic: Lessons Learned From Covid-19

3 Credit Hour(s)

This course is designed to provide students with an overview of the COVID-19 pandemic. The students will gain knowledge in COVID-19 related topics including disease progression, epidemiology, testing, treatment, transmission prevention, and health policy. The students will also evaluate the effectiveness of the current responses to the COVID-19 pandemic and explore effective measures to prepare for future pandemics. The course is designed for students from multiple areas of study and various backgrounds. (UG)

HSC 221: Issues in Women's Health

3 Credit Hour(s)

This elective course is designed to provide students with an overview of topics impacting women's health in contemporary society. The course focuses on controversial issues related to women's health and investigates the roles that women play as health care consumers and as health care providers. The course is designed for students from multiple areas of study. These students will explore specific health care problems impacting upon women and will analyze contextual factors that affect the delivery of health care to women. Prerequisite: CMP 101. Offered in distance education format. (UG)

HSC 232: Learning Through Service

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Fulfills Service Learning requirement. Learning experience through participation as a volunteer for approximately four hours per week in a community-based agency within the area. Students will also be expected to keep a journal account of their experiences and attend class every week for about an hour to process with others what is being learned. The focus of the course is to help students gain an appreciation that being of service to others is a way of learning and a way of growing as a person. (UG)

HSC 233: Herbs, Drugs, Supplements and the Body

3 Credit Hour(s)

Grounded in a holistic framework, this course focuses on general concepts of herbs, drugs, supplements and nutrition in relation to the well being of self and the client. This course develops a basic comprehension of nutrition emphasizing the role of phyto-nutrients as well as toxic ingredients in our food. The impact of culture, spirituality, and biological factors, as well as psychosocial, economic, and ethical considerations, is discussed in relation to improving and maintaining health in self and client. Relevant and current evidence-based research is included. The notion of food, herbs, and supplements as pharmacy is explored throughout. The newest information on drug/herb interactions, Joint Commission requirements for herbal products, new FDA labeling guidelines, and how to select a quality herbal or supplemental product are addressed. This course fosters understanding and strategies for promoting specific herbs and supplements for individuals attempting to maintain health and coping with pathology. Health promotion (learning to make healthy choices in our toxic environment, healthy sleep habits) and maintenance are stressed. Concepts related to family therapy, consumerism, and advocacy are addressed. Students learn such strategies for improving self and client health as risk assessment, stress management, nutritional counseling, and health teaching. Offered in distance education format. (UG)

HSC 329: Statistics for Evidence-Based Practice

3 Credit Hour(s)

Fulfills Core Competency; Critical Thinking & Creative Problem Solving; What one learns in PA school will not always apply to medical practice. Learning is never mastered. Thus, to be a good clinician, one must constantly educate oneself by evaluating the latest medical research to keep one's knowledge current. Evidence-based practice provides methodologies to evaluate scientific evidence for the delivery of the highest quality health care. This course is one of two courses in the Physician Assistant Department for the evaluation of medical research that provides: 1. a foundation in probability and statistics, and 2. an introduction to medical research designs and associated inferential statistical analyses In combination with PAS 529, this course is designed to increase students' competency in the evaluation of medical research. In this course, the emphasis is on basic study design, appropriate descriptive and inferential procedures, and interpretation of results. We will focus on real examples from the medical literature to cover the basics of clinical research design, sampling methodology, statistical methods for evaluating clinical research data, as well as introduce some of the many limitations of basic and clinical research. Topics include: Descriptive statistics, statistical inference probability theory and application, sampling theory, hypothesis testing, estimation, confidence intervals, measures of risk/association, association vs. causation, and pitfalls of p-values. Specific statistical analyses include: t-test, ANOVA, linear correlation, linear regression, relative risk, and the odds ratio with emphasis on clinical trial designs. Pre-requisite: At least second year matriculated Physician Assistant Studies major. (UG)

Nursing

NUR 222: Healing, Holism and Spirituality in Health Care

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Cross-listed as PHI 222. This three (3) credit course is a truly inter-disciplinary, inter-divisional course team-taught by a faculty member of the nursing department and a faculty member of the humanities. The course is designed to explore the meaning and mutual inter-connectedness of healing, holism, spirituality and care. Students will investigate the role of spirituality in their own personal lives, the power of healing and care both in medicine and everyday experience. Complementary therapeutic modalities such as prayer, therapeutic touch, meditation, friendship, etc. will be explored. There will be special focus on matters relating to the living-dying continuum exploring end-of-life matters), the inter-relatedness of the universe, and the implications of certain cultural differences, especially those in eastern cultures. Assignments for the course, including journal assignments and a hospice experience, are designed to stimulate personal as well as professional growth. Assigned readings, faculty presentations, and class discussions are intended to encourage student self-reflection, as well as a shared learning experience. Lecture/seminar, 3 hours. (UG)

NUR 251: Special Topics: Oncology Nursing I

3 Credit Hour(s)

This is the first of two courses designed to give the international registered nurse student a core knowledge base in oncology nursing. This course serves as an introduction to the student to nursing theory, nursing research, and evidence-based nursing to patient and family centered oncology nursing practice. The purpose of this course is to acquaint registered nurse students with the fundamentals of cellular basics of cancer, biology of cancer, health promotion, epidemiology, prevention and detection, treatment modalities, oncologic emergencies, psychosocial issues, supportive care, palliative care, survivorship, and research. (UG)

NUR 251L: Special Topics: Oncology Nursing I Lab

6 Credit Hour(s)

This practicum is designed to introduce Registered Nurse students to the role of the professional nurse in the oncology care setting. Emphasis is on further development of professional nursing skills and the use of the nursing process, particularly assessment, decision making, and evaluation. Clinical experiences in a variety of inpatient and ambulatory care settings enable students to develop essential skills for providing accessible, continuous, collaborative, affordable, and patient centered oncology care. Students gain experience in independent and interdisciplinary decision making with nurse preceptors and other health team members. Students have the opportunity to participate in off-unit/clinic experiences such as with the Ostomy & Skin Care team, Diagnostic Radiology, Infusion and Chemotherapy Amherst Satellite, and surgery. Clinical rotations will include opportunities in both inpatient and outpatient settings within Roswell Park Cancer Institute. The rotation includes a quality improvement Capstone project. The lab will include 18 hours of clinical practice per week (3/1 ratio). (UG)

NUR 252: Special Topics: Oncology Nursing II

3 Credit Hour(s)

This is the second of two courses designed to give the international registered nurse student an advanced knowledge base in oncology nursing. This course serves as an introduction to the student to advancing nursing theory, nursing research, and evidence-based nursing to patient and family centered oncology nursing practice. The purpose of this course is to acquaint registered nurse students with advanced concepts of cancer symptom management. Prerequisite: NUR 251/L. (UG)

NUR 252L: Special Topics: Oncology Nursing II Lab

6 Credit Hour(s)

Continuation of NUR 251 Lab. The rotation includes a research Capstone project. The lab will include 18 hours of clinical practice per week (3/1 ratio). (UG)

NUR 305: Health Assessment

3 Credit Hour(s)

This course is designed to provide the student with the knowledge and skills necessary to perform a health assessment on an adult and child. The impact of genetics and genomics are explored in relation to disease prevention, health promotion, and health screening. Critical thinking and clinical reasoning are utilized to inform assessment and evidence-based nursing diagnoses. Emphasis is placed on normal findings of the physical assessment. Offered in hybrid or distance education format. Lecture, 3 hours. Prerequisites: BIO 207 and BIO 208. (UG)

NUR 315: Concepts of Professional Nursing Practice

3 Credit Hour(s)

This course provides an introduction to the nature of professional nursing with a dual emphasis on self as learner and self as nurse. The course is designed to introduce the student to the application of nursing theory to contemporary nursing practice. Nursing theory will be explored as the foundation for the development of professional nursing. This course also broadens the Registered Nurse's perspective of professionalism, the role of research, and value-based behavior at the baccalaureate level. Majors only. Offered in distant education format. (UG)

NUR 316: Holistic Perspectives

3 Credit Hour(s)

Fulfills core competency: Communication Skills. This course focuses on the relationship between values and attitudes of the nurse, individuals, and families in the health care system based on a holistic approach. Various macro and micro-cultures are explored in terms of specific cultural influences affecting the adaptation response of individuals, families, and communities. The rendering of health care to meet health needs as well as culture specific values, communication, religion, customs, and health beliefs and practices is emphasized. Future implications for the health care delivery system based on concepts of caring and humanistic nursing are explored. Offered in distance eduation format. (UG)

NUR 317: Professional Nursing Practice I

6 Credit Hour(s)

This course is designed to enhance critical thinking and clinical reasoning abilities by introducing the student to the application of nursing research and evidence based practice to contemporary nursing practice. The purpose of this course is to acquaint nursing students with the fundamentals of research methods and to understand the importance of research in practice. Evidence based practice will be explored as a basis for further development of professional practice. Application of research and the formation of evidence based practice will be explored in classroom and external learning experiences. Lecture 60 instructional hours (4 credits); External Learning Experiences, 60 hours (2 credits). Offered in distance education format. Prerequisite: NUR 315. Corequisite NUR 317L. (UG)

NUR 317L: Professional Nursing Practice I Lab

0 Credit Hour(s)

This course satisfies the external learning experiences requirement for NUR 317. 60 hours per semester. (UG)

NUR 324: Leadership Development in Clinical Nursing

3 Credit Hour(s)

This course prepares students with the knowledge and skills in leadership, communication, interprofessional teamwork and quality improvement systems that are necessary to provide quality health care. Group dynamics and group processes are examined. The course emphasizes ethical and critical thinking/clinical reasoning skills used to initiate and maintain effective working relationships, and develop conflict resolution strategies in professional nursing practice. Leadership theory and management functions in contemporary nursing practice will be explored. Various models of nursing practice will be examined and related to the leadership function of nurses. (UG)

NUR 417: Professional Nursing Practice II

6 Credit Hour(s)

This course prepares students with the knowledge and skills in leadership, communication, interprofessional teamwork and quality improvement systems that are necessary to provide quality health care. Group dynamics and group processes are examined. The course emphasizes ethical and critical thinking/clinical reasoning skills used to initiate and maintain effective working relationships, and develop conflict resolution strategies in professional practice. Leadership theory and management functions in contemporary nursing practice will be explored. This course enhances nurses' ability to manage themselves and others effectively within the context of change occurring within the healthcare system. Offered in hybrid or distance education format. Lecture 60 instructional hours (4 credits); External learning experiences, 60 hours (2 credits). Prerequisites: RN Licensure, majors only, NUR 315. Corequisite: NUR 417L. (UG)

NUR 417L: Professional Nursing Practice II Lab

0 Credit Hour(s)

This course satisfies the external learning experiences requirement for NUR 417. 60 hours per semester. (UG)

NUR 432: Professional Issues

3 Credit Hour(s)

Together with NUR 453, fulfills Research and Presentation requirement for Nursing majors. This course continues the process of professional nursing socialization. It is designed so that students may lead seminars to discuss issues affecting the nursing profession. The course includes a student led debate and written articulation of each student's philosophy of nursing. The major goals of this course are to increase student involvement in policy/politics and to enhance student awareness of the importance of lifelong learning. Lecture, 3 hours. Majors only. Offered in hybrid or distance education format. Prerequisites: NUR 317 and 417. Corequisite: NUR 453. RN licensure, Majors only. (UG)

NUR 453: Professional Nursing Practice III

6 Credit Hour(s)

Fulfills core competency: Information Literacy. Writing Intensive. Together with NUR 432, meets Research and Presentation requirement. In this course, the student applies the nursing process to population-focused nursing of the community. Population-focused nursing care in this course incorporates working with the community as partner, assessing determinants of health, examining available resources within the community, and identifying needs to improve health outcomes of the community. In addition, students collaborate with healthcare professionals and utilize informatics to promote conditions and healthy behaviors to improve population health. Offered in a web- enhanced format. Lecture 60 instructional hours (4 credits). External Learning Experiences, 60 hours (2 credits). Offered in distance education format. Prerequisite: NUR 317, RN licensure, majors only. Co-requisite: NUR 453L. (UG)

NUR 453L: Professional Nursing Practice III Lab

0 Credit Hour(s)

This course satisfies the external learning experiences requirement for NUR 453. 60 hours per semester. (UG)

Paralegal Studies

Contact Information

- **daemen.edu/paralegal**
- email: paralegal@daemen.edu
- phone: (716) 839-8284

Program Director

- Jay Wendland, Ph.D., Associate Professor
- email: jwendlan@daemen.edu
- phone: (716) 839-8284

Degree Offered

- **Bachelor of Science in Paralegal Studies**

Certificate

- **Paralegal Studies**
  - Program Delivery: Offered in online and in-person format

Accreditation Information

Daemen offers the only American Bar Association (ABA)-approved Paralegal Studies program in Western New York for both the **Bachelor of Science (B.S.)** degree and **Certificate in Paralegal Studies**. You can find **Paralegal ABA-approval information** in our catalog.

Mission Statement and Learning Objectives

PROGRAM MISSION STATEMENT

The mission of the Paralegal Studies Program is to prepare highly competent and ethical practitioners, with a clear understanding of the appropriate boundaries of their roles and responsibilities assisting attorneys in the provision of legal services. The program will integrate a strong liberal arts background with the professional skills needed for contemporary practice. This will include critical thinking skills, organizational skills, research and writing skills, oral communication skills, skilled use of electronic media, and the cultural competency to meet the needs of diverse clients. The professional component of the program will emphasize the development of general legal practice skills and appropriate professional and ethical behaviors needed to balance the needs of clients with maintaining the integrity of the legal system. Graduates of this program will be prepared to act as productive members of the legal community, facilitating the efficient delivery of high quality legal services.

STUDENT LEARNING OBJECTIVES

A graduate of the bachelor's or certificate program in paralegal studies will be able to perform the following under the supervision of an attorney:

1. Competently and efficiently conduct legal and factual research (including investigation and interviewing skills), using multiple forms of media.
2. Effectively communicate in a culturally competent manner, using various forms of communication media, with the supervising attorney, clients, and other members of the legal system.
3. Recognize the boundaries of paralegal practice and exhibit ethical and professional behavior at all times.
4. The ability to critically analyze factual and legal problems and to present this analysis in a professional manner, both orally and in writing.

**Paralegals assist attorneys in legal research, writing, and case investigation. Paralegals cannot provide legal advice to the public except as authorized by law.*

Bachelor of Science in Paralegal Studies

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 49 CREDITS:

- ACC225 Financial Accounting (3) OR MIS280 Computer Studies & Problem Solving (3)
- BA202 Professional Branding and Sustainability (1)
- PAR210 Law for Society (3)
- PAR240 Intro to Legal Skills for General Practice (3)
- PAR301 Legal Research and Writing (3)
- PAR302 Law Office Computer Technology (3)
- PAR303 Litigation (3)
- PAR340 Legal Communication (3)
- PAR350 Professional Responsibility & Ethics: Paralegals and Lawyers (3) OR PSC230 U.S. Judicial Process (3)
- PAR410 Advanced Research and Writing (3)
- PAR450 Paralegal Internship (3)
- PAR460 Paralegal Studies Senior Project (3)
- CMP101 English Composition (3)
- Paralegal Studies Electives: Select 12 Credits From The Following:
    - PAR/BA304 Contract Law (3)
    - PAR/BA305 Real Property Law (3)
    - PAR306 Tort Law (3)
    - PAR307 The Criminal Trial (3)
    - PAR308 Family Law (3)
    - PAR350 Professional Responsibility & Ethics: Paralegals and Lawyers (3)
    - PAR401 Elder & Estates Law (3)
    - PAR402 Environmental Law (3)
    - PAR/BA403 Business and Corporate Law (3)
    - PAR404 Intellectual Property (3)
    - PAR405 Immigration Law (3)
    - PAR/BA406 Bankruptcy Law (3)
    - PAR408 Administrative Law (3)
    - PAR409 Advanced Litigation (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discoveries (9)
- Breadth – Exploration:
    - Natural Sciences and Mathematics:
        - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science (6)
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
            - Recommended Course: ECO213
    - Humanities:
        - CMP311 Advanced English Composition (3)
        - Choose two courses from: English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

3. Free Electives: 36 CREDITS:

- 21 credits must be considered Liberal Arts and Sciences

NOTE: *Courses may not be taken in the major.*

The following courses are ***recommended*** *as options to fulfill free electives:*

- *BA211 Effective Business Communications (3)*
- *BA220 Diversity and Cross-Cultural Management (3)*
- *ECO213 Economics of Inequality (3)*

TOTAL PROGRAM REQUIREMENTS = 121 CREDITS

Transfer of Paralegal Studies Courses

A maximum of 25% of paralegal studies credits may be transferred from other institutions to meet degree requirements.

Graduation Requirements

1. A minimum grade of B in CMP101 and a minimum grade of C in PAR210
2. An overall grade point average (GPA) of 2.00
3. A minimum grade point average (GPA) of 2.25 in courses in the major
4. Successful completion of all required Paralegal Studies courses
5. Completion of any portfolio requirements

Suggested Course Sequence

Access the suggested course sequences for the **BS, Paralegal Studies**, from the Paralegal Studies web page or the Program Plans site on the Registrar's web pages.

*** Paralegals assist attorneys in legal research, writing, and case investigation. Paralegals cannot provide legal advice to the public except as authorized by law.**

Certificate in Paralegal Studies

Consumer Information

Required Courses

- PAR 240 Introduction to Legal Skills for General Practice (3)
- PAR301 Legal Research and Writing (3)
- PAR302 Law Office Computer Technology OR MIS 280 Computing Studies and Problem Solving (3)
- **Paralegal Studies Electives: Select 12 credits** from the following:
    - PAR 303: Litigation (3)
    - PAR 304: Contract Law (3)
    - PAR 307: The Criminal Trial (3)
    - PAR 308: Family Law (3)
    - PAR 340: Legal Communication (3)
    - PAR 350: Professional Responsibility & Ethics: Paralegals and Lawyers (3)
    - PAR 405: Immigration Law (3)

Note: Students may substitute other PAR courses for electives in consultation with their faculty advisor

TOTAL CERTIFICATE REQUIREMENTS = 21 CREDITS

Internship

Although not required, students have the option of completing PAR450 Paralegal Internship (3) as one of the Paralegal Studies electives.

Requirements for Admission to the Certificate Program

At the time of admission to the program, students must possess a baccalaureate degree from Daemen University or another accredited institution, **OR** be currently enrolled in a degree program (other than the BS, Paralegal Studies program) at Daemen University.

Post-baccalaureate students will be eligible for admission under the following circumstances

1. An overall grade point average (GPA) of 2.25 in bachelor's degree program
2. Successful completion of CMP101 English Composition (or its equivalent) with a minimum grade of B; please note that course (or substitute writing course as approved by the Director) can be taken at Daemen in addition to required Certificate courses.
3. Successful completion of PAR210 Law for Society with a minimum grade of C; please note that the course can be taken at Daemen in addition to required Certificate courses.

Daemen students from other majors will be eligible for admission under the following circumstances

1. Successful completion (with minimum grades of C) of 24 credits of college-level course work and sophomore standing
2. Successful completion of CMP101 English Composition (or its equivalent) with a minimum grade of B
3. Successful completion of PAR210 Law for Society with minimum grade of C.

Requirements for Completion of the Certificate Program

1. Successful completion of a baccalaureate program at Daemen or other accredited institution
2. A minimum grade of B in CMP101 and a minimum grade of C in PAR210
3. A grade point average (GPA) of 2.25 in paralegal studies courses
4. Filing of an Application for Certificate form with the Registrar's Office in the first week of the final term (Fall, Spring, or Summer) prior to program completion. **NOTE: Participation in**

the Commencement ceremony is not applicable to certificate candidates.

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Paralegal Studies

PAR 210: Law for Society

3 Credit Hour(s)

This course will introduce students to the various functions of law through example - reading cases, reading trial transcripts, reading statutes, and reading regulations. Through reading engaging forms of the law in the context of societal issues, students will be exposed to how society has chosen to solve certain problems and the adequacy of those solutions. Students will also learn how to pursue legal remedies and therefore learn the workings of the legal system; for example, the difference between trial and appellate courts, the difference between civil and criminal law, and how a case works its way through the legal system. Students will be introduced to the fundamentals of legal reasoning by learning how to brief cases, including how to identify the legal rule relied on in a case and the holding of a case. Prereq: CMP 101. Recommended sophomore standing for B.S. student. This course is a legal specialty course. (UG) (UG)

PAR 240: Introduction to Legal Skills for General Practice

3 Credit Hour(s)

This introductory course allows student to learn legal topics and legal skills that are common in a general, or non-specialized, law practice. Within the framework of substantive law, students will learn foundational skills such as factual investigation, interviewing clients and witnesses, drafting interoffice legal memos summarizing investigations and interviews, and the relevant legal rules including discovery rules, ethics, and evidence. Identification of legally relevant facts will be a key point of focus. These skills will be developed within the substantive legal context of negligence, business corporations and family law. Class time will include hands-on instruction from experts in the field and in-class exercises in interviewing and factual investigation. Assignments will include drafting legal documents such as motions, interoffice legal memos summarizing investigations and/or interviews, and business incorporation documents. This is a legal specialty course.(UG) (UG)

PAR 250: Paralegal Clinic

3 Credit Hour(s)

This is an experiential Service Learning course, supplemented by weekly focused class instruction on legal skills and cultural context, that brings students together with lawyers who are representing the under- served in Buffalo. Students will be placed in various court settings (such as help desks) and not-for-profit offices that provide civil legal services for marginalized and under-served populations in Buffalo, including refugees and immigrants. Students will work under the supervision of an attorney, assist the legal staff, and assist the public. Class work will focus on professionalism in the legal profession, ethics, and practical legal skills such as time keeping, and client interviews and cross-cultural communication. Class work will also focus on readings and discussion on contextual information on poverty and immigration law and connecting those readings to the day-to-day experience of clients and their legal issues. In order to maximize the experiential learning experience and assist the placement host as much as possible, the student will work approximately 50 hours during the semester, and the class will meet 1 hour per week to review a variety of practical legal skills, including legal writing, client interviewing, legal research. Class time will also be used to discuss how individual experiences are linked to systemic problems in the areas of poverty and immigration law. Strict standards on professionalism, attendance, and punctuality will be enforced. Prereq: CMP 101. This is a legal specialty course. (UG) (UG)

PAR 301: Legal Research and Writing

3 Credit Hour(s)

Writing Intensive. This course teaches legal analysis, legal writing and problem-solving using the premier legal database WestlawNext which is typically used in law offices. Students learn to use a variety of electronic legal sources, perform legal research, analyze legal problems, and write legal documents, primarily case briefs and legal memos. Students also learn to locate and use both primary and secondary legal research sources, including federal and state cases, digests, statutes, treatises, encyclopedias, law reviews, citators and legal practice manuals. Ethics will be discussed throughout the semester relating to specific scenarios in legal work. This is a legal specialty course. Prerequisites: Minimum grade of B in CMP 101; or declared Pre Law minor and minimum grade of B in CMP 101, or permission of instructor. (UG) (UG)

PAR 302: Law Office Computer Technology

3 Credit Hour(s)

Lawyers and paralegals increasingly rely on law practice-specific technology to produce more efficient and reliable legal services. Law Office Technology is an advanced computer-based course which will develop students' overall comprehension of complex computer systems, develop their practical skills, and develop their understanding of the practice of law and of legal ethics. The purpose of this course is to develop students' understanding of computer networks, cloud usage and computer hardware components. This course will also develop students' practical skills in a wide-ranging variety of legal software, including law office software for document assembly, case management, docketing, time and billing, electronic discovery, litigation support, and trial presentation graphics. Finally, this course will also advance students' skills in common software applications, such as word processing and spreadsheet software, in order to develop advanced skills that are particularly necessary in a law office setting. This is a legal specialty course.(UG) (UG)

PAR 303: Litigation

3 Credit Hour(s)

This course will introduce students to the realm of civil litigation - how our civil legal system works, and the roles of attorneys and paralegals in a civil litigation practice. This course will focus on helping students develop an understanding of how a civil lawsuit progresses from the date of the controversy through completion of a trial, and will also help them develop the critical thinking skills necessary for litigation practice. Students will learn practical legal skills such as drafting pleadings, drafting discovery requests and responses, performing legal research, analyzing legal issues, and factual investigation. The course will also review the ethical rules for attorneys and paralegals in New York, and apply these rules to typical scenarios in litigation. Prerequisites: This is a legal specialty course. (UG) (UG)

PAR 304: Contract Law

3 Credit Hour(s)

Cross-listed as BA304. This course provides an introduction to the law of contracts, including analysis of the basic elements of contract formation, defenses to contract performance, breach of contract and remedies, drafting and interpretation of contracts. Students will develop their legal analysis and legal writing skills through practical projects typically required in law offices. Writing projects will require legal research. Ethics will be discussed throughout the semester relating to specific legal scenarios. This is a legal specialty course. (UG) (UG)

PAR 305: Real Property Law

3 Credit Hour(s)

Cross-listed as BA305. This course is an introduction to real estate law and practice. Students will be required to not only learn the basic law but to problem-solve and draft documents that are typical to legal practice in this area, and will develop their legal analysis and legal writing skills. The course covers New York Real Estate statutes and the areas of law include property rights, types of land ownership/estates, easements, agreements for sale and closings, financing, conveyancing. Students will do a real estate closing as their final project. Ethics will be discussed throughout the semester relating to specific scenarios in legal work. This is a legal specialty course. Prerequisites: Permission of instructor. (UG) (UG)

PAR 306: Tort Law

3 Credit Hour(s)

The purpose of this course is to introduce you to the legal causes of action and elements for negligence, intentional torts to people and property, strict liability, product liability, nuisance and Workers' Compensation. You will also be introduced to the legal defenses for negligence, strict liability, and product liability. We also review the specifics of a medical malpractice and personal injury practice, which includes medical terminology, the discovery and review of medical records, composing medical chronologies and the tort litigation process before trial. You will get practical, hands-on experience in legal analysis and drafting documents typically used in this area of practice, and practice legal skills such as client interviews and factual investigation. A consistent theme will be legal ethics and ethical practice habits for attorneys and paralegals in this area of law. (UG)

PAR 307: The Criminal Trial

3 Credit Hour(s)

This course will focus on criminal trials and will provide students with an overview of the criminal trial process from arrest through appeal, an understanding of substantive New York Penal Law and New York Criminal Procedure Law. Students will focus on applying this knowledge and will learn practical legal skills in legal research, legal analysis and drafting typical legal documents used in criminal trials. The substantive portions of New York Penal Law will include common criminal offenses and defenses, criminal procedure and various trial processes, Constitutional principles, and basic philosophical underpinnings of criminal law. The students will also learn about the roles and responsibilities of lawyers and paralegals in criminal cases, including ethical duties and constrictions. This is a legal specialtly course. Prerequisites: PSC 117 or permission of instructor. (UG) (UG)

PAR 308: Family Law

3 Credit Hour(s)

This course is designed to provide an overview of family law legal issues for paralegal students by instruction in substantive law, New York Family Law, and instruction to develop practical legal skills. Students will develop the practical legal skills such as case briefing, legal research regarding family law issues, legal analysis of family law issues, both from the text and the written project, and drafting of legal arguments on both sides of an issue. This is a legal specialty course. (UG)

PAR 340: Legal Communication

3 Credit Hour(s)

This course is an introduction to professional legal writing that will focus on developing student written and verbal communication in the legal context. Students will draft and then revise 4-5 legal writing assignments, including case briefs, legal correspondence, summaries of depositions and medical records, and legal analysis exercises such as an interoffice legal memos and motions. Students will also have the opportunity to develop verbal reporting and presentation skills by reporting research findings and presenting recommendations in class. For each assignment, students will have the opportunity to revise their written work according to feedback from the instructor. In class, students will review, identify and discuss purposes of different types of legal writing, as well as do writing exercises and legal research using free online resources. This is a legal specialty course. (UG) (UG)

PAR 350: Professional Responsibility and Ethics Paralegals and Lawyers

3 Credit Hour(s)

Many of us will at some point need legal services. Using readings based on both professionalism theories and actual and hypothetical cases, this course will examine the ethical/professionalism issues that are common areas of concern to anyone providing or receiving legal services. Among the topics covered will be development of ethical and professional principles in law, introduction to theories and models of decision making regarding professional responsibility, duties owed by paralegals and lawyers (to the client and to the legal system as a whole), competence and diligence, confidentiality, conflicts of interest, unauthorized practice of law, cost of and access to legal services, disciplinary procedures and judicial ethics/professional responsibility. This is a legal specialty course. Prerequsite: PAR 301. (UG)

PAR 401: Elder & Estates Law

3 Credit Hour(s)

This course teaches students about the legal issues of the elderly such as powers of attorney, health care proxies, advance directions, wills and will drafting. Students will learn substantive New York law (Estates, Powers and Trusts Law and the New York Surrogate Procedure Act), and practical legal skills that include the application of the law, such as spotting legal issues, performing legal research, and drafting legal documents. Specifically, students will draft a will, a power of attorney, a health care proxy, and various legal research memos. Students will learn about will probate, estate administration, and the function of Surrogate Court. Students will also perform legal research in order to propose specific solutions to simulations in this field. This is an advanced course because of the complexity of the subject matter, which is primarily statutory, and the level of analysis and application required to research legal issues and propose legal solutions. This course specifically prepares students for high-level independent work under the supervision of an attorney. This is a legal specialty course. (UG)

PAR 402: Environmental Law

3 Credit Hour(s)

Students will develop a broad understanding of the roles of federal, state, and local environmental laws in a highly industrialized society and be introduced to relevant concepts in administrative, tort, and real estate law. This is a legal specialty course. Prerequisites: PAR 210. (UG) (UG)

PAR 403: Business and Corporate Law

3 Credit Hour(s)

Cross-listed as BA403. This course is an introduction to the law of corporations and requires students to problem-solve and analyze the different types of corporate forms found in legal practice. Students will learn New York corporate law including statutes covering the formation, operation, and dissolution of various kinds of business organizations. The areas of law include sole proprietorships, corporations, partnerships, the law of agency and employment agreements. Students will develop their legal analysis and legal writing skills. Ethics will be discussed throughout the semester relating to specific scenarios in legal work. This is a legal specialty course. Prerequisites: Permission of instructor. (UG) (UG)

PAR 404: Intellectual Property

3 Credit Hour(s)

This course is intended to provide the student with an in-depth analysis of the law pertaining to the fields of intellectual property: trademarks, copyrights, patents, trade secrets, and unfair competition. The methods by which each is created and protected will also be explored. This is a legal specialty course. (UG)

PAR 405: Immigration Law

3 Credit Hour(s)

This course will provide an overview of immigration law in the United States, with an emphasis on the practical application of that law in a law firm or corporate environment. Students will learn the skills needed to deal with a deadline-oriented caseload for a diverse clientele. Topics will include the basics of immigration and education, employment, family based immigration, refugee law and the procedures for applying for citizenship and asylum. This is a legal specialty course. (UG)

PAR 406: Bankruptcy Law

3 Credit Hour(s)

Cross-listed as BA 406. This course is an introduction to the law of bankruptcy and requires students to apply the bankruptcy statutes to a variety of factual situations. Students will learn the federal bankruptcy statutes, and topics include voluntary and involuntary liquidations, discharge of debts, exemptions, creditor claims, trustee functions, reorganizations, and Chapters 7, 11, 12 and 13 plans. Students will develop their legal analysis and writing skills. Ethics will be discussed throughout the semester relating to specific scenarios in legal work. Prerequisites: Permission of instructor. (UG)

PAR 408: Administrative Law

3 Credit Hour(s)

This course teaches students to administrative law - a complex area with many different subjects in both federal and state regulations -- in federal and state agencies, with emphasis on the paralegal's role in the administrative and advocacy process. Students will learn both formal and informal advocacy techniques, including representing clients before administrative bodies and making legal arguments. Substantive legal topics will include administrative delegation of power, rulemaking, agency discretionary powers, remedies, and judicial review. Procedural topics include agency operation, adjudication, hearing preparation, and administrative and judicial appeals. In addition to substantive knowledge of state and federal administrative law, students will develop practical legal skills through legal research, writing projects, and trial simulations in specific areas of administrative law. Students will conduct a mock hearing and draft a legal brief in a specific area of administrative law. This is an advanced course because of the complexity of the subject matter, and the level of analysis and application required to research legal issues and propose legal solutions. This course specifically prepares students for high-level independent work under the supervision of an attorney. This is a legal specialty course. (UG)

PAR 409: Advanced Litigation

3 Credit Hour(s)

This course is an extension of the Litigation class offered during the fall semester, and builds upon the substantive legal knowledge and practical legal skills learned in that class. Students will review the practical aspects of civil litigation including the pre-trial aspects of preliminary investigation, pleadings, motions, and discovery. This course will focus on trial and appellate practice and developing legal arguments. Students will be assigned significant legal writing and legal research projects that are typical for practicing paralegals, and there will be two drafts and a student-teacher conference required for two of the research and writing projects.. Ethics governing the legal profession and paralegals will be discussed and applied. Students also will be review and develop extensive knowledge of the New York Civil Practice Law and Rules (CPLR). This is a legal specialty course. Prerequisites: PAR 301, PAR 303, or permission of instructor. (UG) (UG)

PAR 410: Advanced Research and Writing

3 Credit Hour(s)

Writing Intensive. This course is designed to build upon the research and writing skills introduced in Legal Research & Writing. Development of electronic research skills and analytical skills will be emphasized, and students will be assigned research and writing projects in various areas of the law. Prerequisite: PAR 301 , or permission of instructor.This is a legal specialty course. (UG) (UG)

PAR 450: Paralegal Internship

3 Credit Hour(s)

The paralegal internship is a wonderful means of experiential learning. This is a required course for Paralegal Studies majors which includes course work in professionalism skills and job search skills. Placements will be arranged with the assistance of the Program Director according to availability and interests of the student. Prerequisite: PAR 301 and CFE 97 (UG)

PAR 460: Paralegal Studies Senior Project

3 Credit Hour(s)

Fulfills core competencies: Critical Thinking and Problem Solving; Information Literacy and Research and Presentation requirement. Writing Intensive. This course will require Paralegal Studies students to use the legal analysis skills they have acquired, and the writing skills they have acquired, to develop an original argument on a legal topic. Students will identify a legal issue that interests them, formulate a specific question, and answer that question with an argument based on their independent research. Constructing the argument will require sustained and in-depth research - both legal research using primary and secondary sources, and research into other disciplines. Students will have the opportunity to consult with an appropriate advisor in the Daemen (or other academic) community, as well as a legal practitioner (such as an attorney, a judge, a legislator, or a legal scholar). Students will also present their research and argument at the Academic Festival. Prerequisites: PAR301, PAR410. (UG)

Philosophy, Languages, & Religious Studies

Contact Information

phone: (716) 839-7677
daemen.edu/philosophy

daemen.edu/modernlanguages

Chair

Mark Warren
(716) 839-7677

Degree Offered

- **Bachelor of Arts in Religious Studies**

PLEASE NOTE: There are multiple pathways to dual and double degrees with language and another discipline. See the Modern Language website (**Program Highlights**) for options and information.

Minors

- **Global Studies**
- **Medical Humanities**
- **Philosophy**
- **Philosophy and Religious Studies**
- **Religious Studies**

Mission Statement

The Department of Philosophy, Languages, and Religious Studies is primarily a service department committed to supporting the core curriculum and contributing to close professional and collaborative relationships in the university community. It supports the core by providing core electives, by actively participating in learning communities, and by supporting service learning. It contributes to collaborative relationships by supporting programs (especially the Honors Program) and majors (especially in the Health Sciences).

Additionally, our mission is to prepare our students to meet the demands and expectations of linguistic and intercultural competency for university graduates entering the workforce where appreciation and understanding of diverse perspectives merge with the linguistic abilities that offer them short and long-term viability in a variety of professions. We advocate the study of language through culture and culture through language via coursework that concentrates on Language and Linguistics, Literature and Culture. We promote skills development through emphasis on Interpretive (reading, writing), Interpersonal (person-to-person communication, and Presentational (writing, speaking) communication through exploration of the Perspective, Practices, and Products of the communities that speak the language of study, with World-Readiness Standards (Communication, Cultures, Connections, Comparisons, Communities) interwoven into the curriculum.

Information for Philosophy and Religious Studies Pathways:

Learning Objectives:

Students will be able to:

1. Identify ethical issues and distinguish them from other sorts of issues and other interpretive frameworks.
2. Recognize the complexity of multiple ethical perspectives.
    - Identify their own point of view, and the culture in which it developed, or family/religious/societal influences on their ethical perspective.
    - Recognize other points of view and discuss them with empathy and respect.
    - Offer a critique of a variety of different perspectives.
3. Examine evidence in a thoughtful and informed way.
4. Construct a well-reasoned argument.

Information for Languages Pathways:

Our students are able to combine their love of language and culture with the coursework and internships that lead to professional success. The Modern Languages Department offers **three innovative tracks** for majors:

- An **Education Track** for those who seek adolescent education certification in languages other than English. Education Track students working toward provisional secondary certification have coursework, observation, and practice in classroom methodology and technology.
- A **Professional Track** for those with an interest in applying their language and cultural fluency to their career. Professional Track students participate in an internship Junior and/or Senior year – locally, during their study abroad experience, or during a semester with the Washington Internship Institute.
- A **Dual-Degree BS/Double-Major BA Track** in language and another discipline. Studies show an increasing desire among students and employers for preparation in a specific field of study coupled with proficiency in one or more languages other than English.

Regardless of which track is chosen, our students are strongly encouraged to complete an external **Language Testing and Assessment** prior to graduation.

Daemen University General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the GE curriculum and its requirements is available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a GE requirement will have such a designation indicated after the course title.

Most of the courses offered through the Modern Languages Department are **GE Courses**. Students looking for interesting ways to examine the **GE learning outcomes** may accomplish this through the content we offer. We invite all students to explore our course offerings delivered in Spanish, French, and English.

Further information about +Plus programs is available from the Modern Languages Department on the +Plus program Catalog page.

Language Content Courses

Major: 37 credits

15 credits in courses designated as Language & Linguistics
15 credits in courses designated as Literature & Culture

4 Credits Senior Project Sequence (442 = 1 credit, 443 = 3 credits)

3 Credits Internship

Internship

All Majors are required to complete **one 3-credit internship**; two are recommended. Internships may be local, regional, national, or international. Placement is based on career-specific interests and objectives of the individual major. Opportunities through the Washington Internship Institute and study abroad internships approved by the department satisfy this requirement.

Service Learning

Daemen University graduates complete a service learning experience. The Department of Modern Languages offers FRE/SPA service learning opportunities. Placements may be local, regional, national, or international. Courses are FRE/SPA 299, 399, 499.

Secondary Language

All majors are required to demonstra*te* ***a minimum level*** *of* intermediate proficiency in a language other than the major language of study. ***Our majors are strongly encouraged to pursue advanced-level courses in their second foreign language in order to increase each student's marketability.*** The requirement may be satisfied through the completion of university-level coursework or the successful completion of a proficiency examination.

International Experience

All majors are required to complete an international experience in a country where the student's major language is an official language. Majors should complete one long-term experience (minimum of one semester but preferably one year). Dual degree/double majors may choose 2 short-term experiences (inter-semester and/or summer terms), the combination of which must total a minimum of 7 weeks of experience.

Most study abroad programs **require** a minimum GPA of 3.0 in language courses.

Courses taken abroad must be approved by the Modern Languages Department. Official transcripts from the universities abroad must be sent directly to the Registrar's Office at Daemen University. All students must visit the Global Programs Office for information, advice, and clearance.
Note: Depending upon how the study abroad experience is structured it might be applied as progress in Language & Linguistics courses, Literature & Culture courses, Service Learning, or Internship. 12-15 credits required in the major are to be fulfilled through Study Abroad.

Senior Project

All majors complete a senior project. In the first part of the sequence, FRE/SPA 442 (1 credit) student*s* select the topic for research and make substantial progress under the direction of the Modern Language faculty members. Students may not enroll in the second part of the sequence, FRE/SPA 443(3 credits), until they have successfully passed 442. In 443, students complete their project, demonstrating mastery of the language in the context of literary, cultural studies, or professional applications. Students present their work, in the target language, in a public defense.
Note: ALL 443 projects must reflect work completed in 442; substantial changes in topic or content may require a student to repeat 442 before enrolling in 443.

Note: In order to be fully prepared to enter the teaching profession, student-teacher candidates must showcase their preparedness in the 442-443 sequence prior to approval/recommendation for student teaching.

Admission Requirements

Enrollment at the appropriate course level will be determined by previous foreign language instruction and/or interview with the Modern Languages Department. In general, students will be placed in courses in language studies according to the following guidelines. However, students may request advice on their proficiency levels, from the Modern Language faculty, to ensure the best placement.

- Placement in course 101: No previous language experience or 1-2 years of middle or high school language study.
- Placement in course 102: Credit for college-level Elementary Language I study, or 3-4 years of high school language study, with an average of 80% or above. A passing grade in Daemen College 101.
- Placement in course 105: Credit for college-level Elementary Language II, or 3-4 years of high school language study, with an average of 80% or above. A passing grade in Daemen College 102.
- Placement in course 106: Credit for college-level Intermediate Language I with an average of 85% or above. A passing grade in Daemen College 105.
- Placement in 200-level courses or above: 4+ years of middle and high school language study with an average of 85% or above. A passing grade in Daemen College 106.
- Heritage Speakers are likely to be placed at the 200 level or above.

Any student with questions concerning placement is urged to consult with the Department Chair.

If a student is interested in majoring in French or Spanish but needs to complete courses at the 100 level, up to 6 credits of coursework may be credited as Free Electives taken in the major; any additional credits completed will be over and above the minimum program requirements. Please note that coursework in the major language at the 100 level does not count toward completion of the major.

Admission to Upper Division

By April 1st of the second semester of the sophomore year, the student is required to make an application in writing to the Modern Languages Chair for admission to the upper division. Normally the student should have accrued at least 6 hours of credit at the 200 level or above before applying to upper division.

- Overall grade point average (GPA) of 2.0.
- A grade point average (GPA) of 2.80 in major language courses.
- Progress towards demonstrated proficiency through the intermediate level of a second foreign language.
- Study Abroad plan for junior or senior year must be approved by the Modern Languages Department and the Global Programs Office. Most Study Abroad programs require a 3.0 GPA for admission.

Admission to Upper Division – Adolescence Education majors

1. An **overall grade point average of 2.75 or better** for all completed university courses.
2. **A grade point average of 2.75 or better in all education courses** (ECSE, EDU & SED prefix).
3. For Modern Language Students: Most Study Abroad programs require a 3.0 GPA, in language courses, for admission.
4. A Dispositional Interview
5. Compile and submit, for Education Department faculty review, a comprehensive emerging e-portfolio, the contents of which include the following exhibits: artifacts, facsimiles, projects, and grades. Projects must be scanned originals submitted to the professors and, therefore, include the professors' comments/ corrections/annotations.

- A researched, scholarship-based paper submitted for EDU 203.
- An outline of an instructional unit, including a fully designed 3-lesson learning segment, prepared for EDU 237.
- A researched, scholarship-based paper submitted for SED 270.
- A written emerging professional resume.
- A written emerging philosophy of education.
- A written emerging, comprehensive, reflective narrative detailing perception of current status, skills gained during coursework, targets or goals for continuing professional development, and expectations for the future (i.e., intended career choice).
- A completed Disposition Self-Assessment (DSA) containing narrative reflection showing examples to support the ranking of each of the criteria.

The absence of any of these items or an overall GPA lower than 2.75 will constitute an incomplete submission, and the portfolio will not be accepted for review. If you are missing assignments, please see your advisor before the submission date to seek advice about your options.

1. Traditionally admitted students (non-transfer students) who are seeking admission to upper division status must apply by March 19th of the second year of study.
2. **Transfer students must apply by March 19 during the semester in which they are completing EDU 267 or ECSE 280.** Transfer students who enter Daemen University with an associate degree must submit a portfolio that includes an emerging professional resume, a written emerging philosophy of education, a comprehensive reflective narrative, and, if available, artifacts from comparable courses taken at other institutions, indicating where they were taken and the grade earned.
3. In the event of a resubmission due to extenuating circumstances approved by the department chair, the GPA will be considered closed as of the end of the spring semester. The review process will be complete by August 31 before the start of the new fall semester.

Requirements For Admission To Student Teaching (Adolescence Education Majors)

1. An overall grade point average (GPA) of 2.75.

2. A minimum grade point average (GPA) of 2.75 in one's major language. For Modern Language Students: Most Study Abroad programs require a 3.0 GPA, in language courses, for admission.
3. Application for Student Teaching, usually at the end of the third year.
4. Recommendation for student teaching from the Chairs of both the Education and Modern Languages Departments.
5. Study Abroad must be fulfilled.
6. FRE/SPA443 Senior Project must be completed before the student teaching semester. **443 Projects must reflect work completed in 442.** Substantial changes might require a student to repeat 442 before enrolling in 443.
7. It is strongly recommended that the student teacher candidate take and pass the required Teacher Certification Exams and the Oral Proficiency Interview (OPI) *before* student teaching begins. In addition, students are strongly advised to complete New York State's Bilingual Education Assessment (BEA).

Graduation Requirements

An overall grade point average (GPA) of 2.00.

Teacher Certification Majors: Minimum GPA of 2.75.

Specific Requirements Based on Track Chosen:

All majors are admitted into Upper Division through the application process described above.

Dual Degree/Double Majors – Students on this track automatically have a content area specialization through the declaration of the dual degree/double major. Typically the dual/double area specialization fulfills free elective courses.

Professional Track Majors – Students choose at least one disciplinary minor or one interdisciplinary +Plus pathway. This choice should be made based on clearly established career goals. While only one minor is required, many students choose multiple minors. Note: Some courses required of a +Plus or a discipline-based minor may have prerequisites. Courses that carry a competency may be credited under core electives or free electives.

Adolescence Education Track – FRE/SPA BA

All adolescent education majors must be admitted into the Education Department through the upper-division application process described above. No student may pursue this major without meeting the Education Department's requirements. Students must specify BA-French or BA-Spanish.

Note: A student who has earned a B- or less in EDU 237/L in the first two attempts will not be allowed to pursue the teacher certification program. ***Students must have a minimum of a 2.8 in their major language for Modern Language approval for student-teacher candidacy. In addition, grades in their major language courses must demonstrate improvement as the student progresses through the program.***

Additional Information

- Official transcripts from a foreign institution must be sent directly to the Daemen University Registrar to ensure credit approval.
- Additional courses to satisfy certification requirements to prepare those who wish to teach modern languages at the secondary level are offered through the Education Department.
- Bilingual or multilingual students may meet the foreign language requirement for some Daemen degrees. Access the following link for details or contact the Modern Languages Department: **Languages Other Than English.**

Bachelor of Arts in Religious Studies

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. MAJOR: 46 CREDITS
    - SELECT ONE
        - REL105 God & Violence (3)
        - REL109 Contemporary Religious Thought (3)
    - SELECT ONE
        - REL200 Introduction to the Old Testament (3)
        - REL309 The Holocaust (3)
    - SELECT ONE
        - REL221 Introduction to the New Testament (3)
        - REL322 The Gospels (3)
    - **Choose One**: REL333 OR REL334 OR REL335 Religions in the World Sequence (3)
    - REL331 Reading List (2)
    - REL332 Reading List (2)
    - REL443 Proseminar (3)
    - **RELIGIOUS STUDIES ELECTIVES**: 24 credits selected with departmental advisement
    - CMP101 English Composition (3)
2. FOREIGN LANGUAGE REQUIREMENT: 6 CREDITS

    Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.
3. **General Education Curriculum: 36 CREDITS**
    - First Year Seminar (3)
    - Learning Communities (6)
    - Depth – Discovery (9)
    - Breadth – Exploration:
        - Natural Sciences and Mathematics:
            - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
        - Social Sciences:
            - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
        - Humanities:
            - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, and Theater. (6)
4. FREE ELECTIVES: 34 CREDITS:

    A maximum of 6 credits may be taken in Religious Studies courses.

TOTAL PROGRAM REQUIREMENTS = 122 CREDITS

Admission to Upper Division Requirements

1. An overall grade point average (GPA) of 2.0 or better.

2. A grade point average (GPA) of 2.0 or better in Religious Studies courses.
3. Students who do not meet the above criteria may petition the department for an exception to be made when circumstances warrant it.

NOTE: Career Field Experiences and International Studies options are available by advisement.

Graduation Requirements

An overall grade point average (GPA) of 2.00

Suggested Course Sequence

Access the suggested course sequence for the **BA, Religious Studies**, from the Philosophy and Religious Studies Department web page or the Program Plans site on the Registrar's web page.

Global Studies Minor

PROGRAM ADVISOR: DR. AAKRITI TANDON

Mission Statement for the Global Studies Minor

The mission of the Global Studies minor is to complement and enhance the Daemen College mission to "prepare students for life and leadership in an increasingly complex world" who "recognize the importance of a global perspective" and who are committed to the "well-being of both their local and global communities."

Through coursework, international experience and service learning abroad or with local immigrant or refugee communities, Daemen students completing the Global Studies minor will demonstrate the knowledge, insight, and skills to work for and with people, organizations and businesses with a global focus.

Requirements (15 credits)

Select ONE of the following foundational courses:

- IND120 Introduction to Global Studies (3)
- PSC 121 International Relations (3)
- PSC 210 Politics of Globalization (3)
- HIS 106 World History II (3)

Select One International experience:

Students will complete an International Experience. It may be credit-bearing or not and may include extended living abroad, long or short term study abroad, volunteer or military experience. Typically vacation experiences are not acceptable. Completion of a non-credit study abroad seminar is required prior to departure on study abroad programs. Consult the Global Studies Program Director for details.

Select FOUR from the listing of Global Studies courses:

NOTE: Select from at least THREE disciplines (no more than TWO courses from any one discipline). The following list is not exclusive. Students are encouraged to request a review of other Daemen or transfer courses with significant non-USA content for consideration for the minor by the Director of Global Studies.

Additional courses may be allowed. Students wishing to take courses other than those on the list below must submit their request, with rationale for the substitution, to the Global Studies Program Director. Substitutions are subject to the approval of the Global Studies Committee.

- BA201 Introduction to International Business (3)
- BA220 Diversity and Cross-Cultural Management (3)
- BIO304 Conservation Biology (3)
- ECO343 Global Economic Geography (3)
- FLIT200 Literature in Transition: Crisis of Identity (3)
- FRE207 French Conversation and Composition I (3)
- FRE208 French Conversation and Composition II (3)
- FRE220 Introduction to Literature in French (3)
- FRE240 Grammar and Culture Workshop I (3)
- FRE250 Grammar & Culture Workshop II (3)
- FRE307 Survey of French Literature I (3)
- FRE308 Survey of French Literature II (3)
- FRE312 Advanced French Grammar (3)
- FRE315 French Civilization and Culture (3)
- FRE326 Advanced Conversation in French (3)
- FRE333 Special Topics in Literature (3)
- FRE334 Special Topics in Culture (3)
- FRE335 Special Topics in Linguistics (3)
- HPR303 Traditional Chinese Medicine (3)
- HPR335 Critical Issues in Global Health (3)
- HST105 Introduction to World History I: From Antiquity to 1500 (3)
- HST106 Introduction to World History II: From 1500 (3)
- HST206 Twentieth Century Europe (3)
- HST224 History of the Byzantine World (3)
- HST228 Multicultural Poland: History and Public Memory (3)
- HST230 Problems of the Third World (3)
- HST237 European Intellectual History from the Renaissance to the Enlightenment (3)
- HST248 Ancient Mediterranean World (3)

- HST304 Modern China (3)
- HST308 Modern Latin America (3)
- HST312 Sub-Saharan Africa (3)
- HST317 The Middle East (3)
- HST319 20th Century Russia and Eastern Europe (3)
- HST324 Global Environmental History (3)
- IND104 Global Environmental History (3)
- IND120 Intro to Global Studies (3)
- IND123 Intro to Sustainable Communities (3)
- IND212 Latino and Latin American Culture (3)
- IND215 Service Learning for Refugees Studies (3)
- IND248 International Service Learning (3)
- IND322: Alt and Renewable Energy Issues (3)
- IND325: Introduction to Polish Culture (3)
- IND334: Non-Western Art & Culture (3)
- IND338: Food and Agriculture Issues (3)
- IND345: Introduction to Russian Culture (3)
- IND398: International Experiential Learning (3)
- IND448 International Service Learning (1-3)
- ITA101 Elementary Italian I (3)
- ITA102 Elementary Italian II (3)
- ITA105 Intermediate Italian I (3)
- ITA106 Intermediate Italian II (3)
- ITA207 Italian Conversation & Composition I (3)
- ITA208 Italian Conversation & Composition II (3)
- LIT201 World Lit I (3)
- LIT202 World Lit II (3)
- LIT230 Exile Literature (3)
- LIT309: Film Seminar (3)
- LIT314 Magic Realism in Literature & Film (3)
- LIT316: Empire and the Imagination (3)
- LIT317 Gender Trouble (3)
- LIT320: Modern & Contemporary Irish Literature (3)
- LIT326 Understanding Africa (3)
- LIT329 Imagining Trauma (3)
- LIT330: Scottish Renaissance (3)
- LNG309 Language in Society (3)
- LNG335 Special Topics in Linguistics (3)
- MGT306 International Management (3)
- PHI225 Readings in World Culture (3)
- PHI234 Scientific and Religious View of the World(3)
- PHI306 Eastern Philosophies (3)
- PHI309 The Holocaust (3)
- PHI328 Comparative Genocide (3)
- PSC101 Comparative Political Systems (3)
- PSC121 International Relations (3)
- PSC210 Politics of Globalization (3)
- PSC213 Third World Development (3)
- PSC214 Introduction to Refugee Studies (3)
- PSC218 US Government, World Politics & Globalization (3)
- PSC221 Political Economy of East Asia (3)
- PSC231 International Organizations and Global Governance (3)
- PSC232 International Political Economy (3)
- PSC236 Sports and International Politics (3)
- PSC238 Dictatorship and Democracy (3)
- PSC242 African Politics, Culture & Society (3)
- PSC315 Politics of Western Europe (3)
- PSC326 Politics of East Asia (3)
- PSC327 Politics of South Asia (3)
- REL241 Intro to Islam (3)
- REL308 Spiritual Traditions Sequence I (3)
- SPA105 Intermediate Spanish for Professional Communication I (3)
- SPA106 Intermediate Spanish for Professional Communication II (3)
- SPA207 Spanish Conversation and Composition I (3)
- SPA208 Spanish Conversation and Composition II (3)
- SPA209 Business Spanish (3)
- SPA210 Advanced Spanish for the Health Professional (3)
- SPA110 Spanish for the Health Professions (3)
- SPA220 Introduction to Literature in Spanish (3)
- SPA240 Grammar and Culture Workshop I (3)
- SPA250 Grammar and Culture Workshop II (3)
- SPA307 Survey of Spanish Literature (3)
- SPA309 Survey of Spanish-American Literature (3)
- SPA312 Advanced Spanish Grammar (3)
- SPA315 Spanish Civilization and Culture (3)
- SPA316 Spanish-American Civilization and Culture (3)
- SPA326 Advanced Conversation in Spanish (3)
- SPA328 Spanish Language Film (3)
- SPA333 Special Topics in Literature (3)
- SPA334 Special Topics in Culture (3)
- SPA335 Special Topics in Linguistics (3)
- SPA336 Phonetics & Phonology-Spanish (3)

- SPA337 Hispanic Sociolinguistics (3)
- SUST310 Global Water Issues (3)
- WST216 Women's Worlds: Global Issues in Women's Studies (3)

Medical Humanities Minor

Requirements: 18 Credits

3 Credits:

- PHI102 Medicine, Culture and the Self: Introduction to Medical Humanities (3)

15 Credits:

Select ONE course from each of the five following categories:

1. **Category 1: People and Policies**
   - HPR335 Critical Issues in Global Health (3)
   - PSC215 Issues in Public Policy (3)
   - HPR338 Social Determinants of Health (3)
   - WST216 Women's Worlds: Global Issues in Women's Studies (3)

2. **Category 2: Stigma, Survival, and Loss**
   - REL309 The Holocaust (3)
   - FLIT200 Literature in Transition: Crisis of Identity (3)
   - LIT329 Imagining Trauma (3)
   - PSY219 Psychology of Mental Illness (3)

3. **Category 3: Gender, Sex, and Medicine**
   - PHI320 Philosophy of Medicine (3)
   - PSY301 Human Sexuality (3)
   - REL336/PHI336/WST336 Sex, Love, and God (3)
   - HST215/WST215 Introduction to Women's Studies (3)

4. **Category 4: Health, Society, and the Environment**
   - HST104 The Human Place in Nature (3)
   - PSY391 Psychology and Culture (3)
   - HPR308 Environmental Health (3)
   - HST324 Global Environmental History (3)

5. **Category 5: People and Patients**
   - PSY308 Health Psychology (3)
   - PHI321 Medical Ethics (3)
   - HPR305 Communicating Health (3)
   - LIT322 Medicine and Contemporary Literature and Film (3)

NOTE: *Any other course offered by the Humanities and the Arts departments that falls under the scope of Medical Humanities is eligible with the permission of the Medical Humanities Minor Program director.

Philosophy Minor

Requirements: (15 credits)

- PHI110 Philosophical Thinking (3)
- 3 credits in Philosophy courses which have a competency of Moral & Ethical Discernment
- 9 credits in Philosophy courses selected with departmental advisement

Philosophy and Religious Studies Minor

Requirements: (18 credits)

- SELECT ONE
  - PHI110 Philosophical Thinking (3)
  - REL105 God and Violence (3)
  - REL109 Contemporary Religious Thought (3)
- ADDITIONAL REQUIREMENTS
  - Choose One: REL334 OR REL335 OR REL336 Religions in the World Sequence (3)
  - 3 credits in Philosophy or Religious Studies courses which have a competency of Moral & Ethical Discernment
  - 9 credits in Philosophy and/or Religious Studies courses selected with departmental advisement

Literature in Translation

FLIT 200: Literature in Translation: Crisis of Identity in the 20th Century

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. The horror of the inequities between rich and poor, powerful and powerless, perpetrators and victims, is the most obvious manifestation of a profound crisis of identity that stems from industrialization and the growth of the nation states in the19th and early 20th centuries. This course will examine the theme of identity and marginalization through the films and the major works of literature of the pre and post-war period. Offered As Needed. (UG)

French

FRE 333: Special Topics in Literature

3 Credit Hour(s)

This course will provide majors, minors, and advanced language students with the opportunity to explore various authors or genres of French literature. Prerequisite: FRE 106, or four years high school French, or permission of instructor. May be taken for credit up to three times. Course type: Literature; Literature and Culture. (UG)

FRE 334: Special Topics in Culture

3 Credit Hour(s)

This course will provide majors, minors, and advanced language students with the opportunity to explore various aspects of French or Francophone culture. Prerequisite: FRE 106, or four years high school French, or permission of instructor. May be taken for credit up to three times. Course type: Culture; Literature and Culture. (UG)

FRE 335: Special Topics in Linguistics

3 Credit Hour(s)

This course will provide majors, minors and advanced language students with the opportunity to explore the field of French linguistics. The course is delivered in the French language. Prerequisites: FRE 106, or four years high school French, or permission of instructor. May be taken for credit up to three times (9 credits maximum). Offered as Needed. Course type: Fluency; Language and Linguistics. (UG)

FRE 398: International Experiential Learning

1-3 Credit Hour(s)

(UG)

FRE 399: Service Learning in French

1-3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Service Learning. Students will perform service in French in a variety of settings: schools, community organizations, social service agencies, etc. Projects will vary depending on student interest. Students will conduct a needs assessment of the agency or individual, decide on a project or continue on a previously development project, and actively participate in implementing the plan. This course may be taken up to three times for credit. Prerequisite: 3 credits in French at the 300 level. (UG)

FRE 420: Methods and Assessment

3 Credit Hour(s)

Practicum level course. A study of the fundamental principles and practices of language learning theories and language instruction to prepare for work with and assessment of learners in various learning environments. Prerequisite: FRE 300-level or higher or permission of instructor, upper division status in Adolescent Certification French program. Offered As Needed. Taken with the practicum course block. (UG)

FRE 442: Senior Project Research

1 Credit Hour(s)

Each Modern Language major must complete a senior project as one of the requirements for graduation. In this course, which must be taken in the junior year, students select the topic for research and make substantial progress on researching the senior project under the direction of Modern Language faculty members. Students are required to: submit a polished research proposal, submit an annotated bibliography, and present the research proposal to the class and faculty orally. Students may not enroll in FRE 443 Senior Project until FRE 442 is passed. Note: ALL 443 projects must reflect work completed in 442; substantial changes in topic or content may require a student to repeat 442 before enrolling in 443. Prerequisite: All junior majors must register for this course. This preparation course for the Senior Project is required of all majors and must be taken in the junior year. (UG)

FRE 443: Senior Project

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Research and Presentation requirement. Writing Intensive. The French major will complete this 3 credit project that demonstrates mastery of the language in the context of literary or cultural studies or professional applications. The project may be a traditional thesis on a literary or cultural topic, or it may reflect the student's involvement in professional or volunteer work in the language. The project will normally require a significant research base culminating in the submission of an extensive written report and presentation at the Academic Festival. Prerequisite: Successful completion of FRE 442. Note: ALL 443 projects must reflect work completed in 442; substantial changes in topic or content may require a student to repeat 442 before enrolling in 443. (UG)

FRE 499: Service Learning in French

1-3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Service Learning. Students will perform service in French in a variety of settings: schools, community organizations, social service agencies, etc. Projects will vary depending on student interest. Students will conduct a needs assessment of the agency or individual, decide on a project or continue on a previously development project, and actively participate in implementing the plan. This course may be taken up to three times for credit. Prerequisites: Three credits FRE 300 level course or permission of instructor. (UG)

Language

LNG 309 : Language in Society

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course introduces students to the field of sociolinguistics, examining the relationship between language and society on a national and global level through the examination of social factors such as age, gender, educational level, social class, race, and the like. Topics include: monolingualism to multilingualism; language contact, prestige and change; diglossia and code switching; language identity, language socialization and language ideology; consequences for educational policy and practice. Offered As Needed. (UG)

LNG 335 : Special Topics in Linguistics

3 Credit Hour(s)

This course will provide majors, minors and advanced language students with the opportunity to explore the field of linguistics. The course is delivered in the English language. Prerequisites: completion of 3 credits at the 200-level or higher or permission of instructor. May be taken for credit up to three times (9 credits maximum). Offered as Needed (UG)

LNG 415 : 2nd Lang Acquisition/Applied Linguistics

3 Credit Hour(s)

Fulfills core competencies: Critical Thinking and Problem Solving; Contextual Integration. This course examines the processes of language learning from linguistic, psychological, and social perspectives. While it address native language acquisition, the focus is on second language acquisition. The underlying assumptions of the three perspectives will be examined from a research vantage point as well as from the perspectives of the language teaching professional. Prerequisites: completion of 3 credits at the 200-level or higher or permission of instructor. (UG)

Philosophy

PHI 102: Medicine, Culture and the Self: Introduction to Medical Humanities

3 Credit Hour(s)

Fulfills core competency Contextual Integration; Affective Awareness; The course explores crucial questions about health, well-being, medicine, environment, and social inequality in the twenty-first century. Through a philosophical study of historical texts, scientific and clinical data, and first person narratives on illness and wellbeing, students will examine definitions of health and well-being; the strengths and limitations of science and medicine in making sense of illness; disparities in global burdens of disease; the relationship among health, illness, and narrative; and gendered, racialized, and cultural differences in the experiences of illness and the practices of healthcare and medicine (UG)

PHI 110: Philosophical Thinking

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. An exploration of the nature and content of philosophical inquiry. (UG)

PHI 113: Critical Thinking with Google

3 Credit Hour(s)

Fulfills core competency: Critical Thinking In this course critical thinking will be presented as a set of skills that has been long established and well defined in our philosophical tradition. (UG)

PHI 209: Science and Values

3 Credit Hour(s)

This course will explore the standards, values, and goals of science by examining issues related to bioethics and health care, technology, the environment, and animal rights. Rather than viewing science merely as a cold impersonal way of arriving at the objective truth about natural phenomena, this course is premised on the idea that science is intimately involved in questions of values; it is committed to standards of right and wrong, and in doing so it moves toward larger social aims. (UG)

PHI 211: African American Thought

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Cross-listed as REL 211. This course explores the tradition of African-American response to slavery and legalized racism. After some brief historical background, this course will focus on three particularly important moments in this tradition of resistance: the slave narratives (especially Frederick Douglass and Linda Brent), the turn of the century debates over education (especially Booker T. Washington, W.E.B. DuBois and Marcus Garvey), and the civil rights movement (especially the student movement, Martin Luther King, Malcom X, and the Black Power movement.) (UG)

PHI 213: Ethics of Sex, Drugs and Sports

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Cross-listed as REL 213. Designed to be offered in learning community format with BIO 200 Science and Contemporary Social Issues. The course introduces students to moral issues and questions with regard to such matters as human cloning, genetic engineering, stem cell research, euthanasia, the environment and sustainability, and the emergence of life (e.g., fetal development). (UG)

PHI 216: Ethics

3 Credit Hour(s)

Fulfills core competencies: Critical Thinking, Moral and Ethical Discernment. This course is an introduction to contemporary moral issues. In addition to examining arguments for both sides of different ethical topics, students will learn how to evaluate the soundness of moral arguments and strengthen their analytic skills by criticizing particular arguments. (UG)

PHI 225: Readings in World Culture

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Cross-listed as REL 225. This course is part of a learning community exploring the relationship among texts, historical contexts, and cultural conflicts. Students will study crucial moments in the modern era (i.e. slavery, the Holocaust, the Native American experience, the Cold War, and the immigrant experience) and will examine a variety of different texts (film, memoirs, novels, speeches, etc.) that reflect and comment upon these seminal historical moments and conflicts. (UG)

PHI 231: Moments of Vision

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Cross-listed as REL 231. Co-sponsored by the Jewish Chautauqua Society and the National Federation of Temple Brotherhoods. The objective of this course is to consider the human imagination as it gives rise to certain visions which speak to dimensions of human experience with respect to a depth otherwise lost and hidden in the everyday world. The course explores the predicaments of evil and suffering, joy and silence, to gain an understanding of the need for visions about the boundaries and depths which open within human experience. (UG)

PHI 234: Scientific and Religious Views of the World

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Cross-listed as REL 234. The focus of this interdisciplinary course is to engage in healthy dialogue with respect to problems and possibilities, conflicts and complementarities, differences and/or similarities of religious and scientific perspectives. (UG)

PHI 248: Selected Periods in the History of Philosophy

3 Credit Hour(s)

Selected periods in the History of Philosophy, e.g. ancient philosophy, medieval philosophy, modern philosophy, etc. (UG)

PHI 306: Eastern Philosophies

3 Credit Hour(s)

This course will explore various philosophical and religious concepts in Buddhism, Hinduism, and Taoism. Some cultural and historical background will be provided from which students can understand better how these various concepts, with their associated symbols and myths, arose. A methodology will be provided by which these concepts might be related to the spectacle of our age. (UG)

PHI 309: The Holocaust

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Cross-listed as REL 309. This course analyzes the variety of historical, religious, philosophical and political issues posed by the Nazi policy of systematic genocide. We will explore religious and racial anti-Semitism, the philosophy of fascism, the logic of genocide and the development and implementation of the final solution. Attention will also be paid to concentration camp life and to its effect upon the perpetrators and the survivors. (UG)

PHI 310: Nature in Human Experience

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. This course will examine the philosophical foundations of our relations with nature. It will explore the values humans find in nature, and the responsibility humans have to the natural environment. It will discuss the ethical dimensions of our relation with animals. Finally, it will study a number of contemporary environmental issues. (UG)

PHI 311: Philosophy of Mind

3 Credit Hour(s)

This course looks to an array of texts that address fundamental questions about the nature of the mind: . Can physical beings like us have free will? . How does the human mind relate to the brain? In this course, we will examine some of the ideas and answers that have been provided by some of the great philosophers, both ancient and contemporary, and we will critically evaluate the adequacy of those answers. These difficult questions and others like them will be the focus of our study in this course. (UG)

PHI 314: Philosophy of Art

3 Credit Hour(s)

Fulfills core competency: Affective Awareness; Critical Thinking; In this course we will read many of the classic works on the nature and value of the arts (including visual art, literature, and music), from the Ancients up to the mid twentieth century. We will address such questions as: What is art? How has the evolution of art forms over the course of time influenced philosophical conceptions of art? What is beauty? What distinguishes judgments of taste from purely factual judgments? Can such judgments be objective, or are they solely a matter of personal feelings? What makes a person beautiful? Are our judgments of human beauty solely the product of our evolutionary past, or do these judgments reflect cultural standards? This is a required course for Art programs. Signed off from Art and Theater. As well as PHI department. (UG)

PHI 315: Social Philosophy

3 Credit Hour(s)

An examination of some of the philosophical concepts and moral principles employed in the rational appraisal of social life. (UG)

PHI 319: Business Ethics

3 Credit Hour(s)

This course brings together vital insights of moral philosophy with deep ethical questions in con temporary business practice. What is the right thing to do? And what are the traits of good character? Together we'll explore these types of questions from both a theoretical and practical level using key principles of business ethics. After introducing basic tools of ethical reasoning, we'll apply concepts such as honesty, trust, respect, and social responsibility to working, manag ing, financing, marketing, selling, and leadership. (UG)

PHI 320: Philosophy of Medicine

3 Credit Hour(s)

Medical decisions are moral decisions. When we, as individuals and as a society, make medical decisions about what the best treatment is, which illnesses and injuries should be covered by insurance, or what counts as a medical condition in the first place, we are also making a moral decision about what a good or healthy life looks like. This course looks at how those moral values about wellbeing guide medical choices, both on an individual and policy level. Instead of trying to eliminate values from healthcare, we will explore how moral reasoning is a fundamental part of resolving any medical problem. (UG)

PHI 321: Medical Ethics

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Topics to be discussed include general introduction to ethical theory, health as a value, death and dying, euthanasia, behavior control, medical care and distributive justice. (UG)

PHI 322: Philosophy of Law

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. An exploration of some of the fundamental issues in the philosophy of law. Topics discussed include: the nature of law, law and morality, issues involving freedom of speech and constitutional interpretation, equality and the law, responsibility, crime and punishment, issues in tort law. (UG)

PHI 326: Meaning of Care in a Technological Society

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as REL 326. This course will probe the complexity of the issue of human values as these relate to a humane and meaningful future for society. It is a course committed to discovering the interrelations of religious and ethical thinking with the social issues of economics, politics, science and technology. (UG)

PHI 328: Comparative Genocide

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Writing Intensive. Cross-listed as REL 328. This course will examine phenomenon of modern genocide, with particular attention to the ideological motivation of the perpetrators and to the effect upon families and individuals. After some opening theoretical reflections on the connection between modernity and genocide, the course will focus on four particular examples: American slavery, the Nazi final solution, the Khmer Rouge revolution, and the Rwanda genocide. (UG)

PHI 329: Magic and Science: Principles of Scientific Reasoning

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Writing Intensive. Scientific reasoning applies the principles of critical reasoning to the pursuit of scientific activity, which consists of description, explanation, prediction, and control of empirical real world-phenomena. This course will examine the answers to a set of philosophical questions concerning the structure and the limits of scientific explanations, the principles of research design, and research methodology (e.g., quantitative or qualitative) in natural sciences, and social sciences, the differences and similarities between natural sciences and human sciences, discrimination of science from pseudoscience, objectivity of scientific knowledge, and the place for values in science. Students will learn to identify and apply the forms of critical reasoning (e.g., inductive or deductive) to evaluate these philosophical problems pertaining to scientific activity. Prerequisite: One 100/200/300 level Philosophy course or a writing intensive course. (UG)

PHI 330: Witches, Cripples & Other Monsters

3 Credit Hour(s)

Fulfills Core Competency: Moral and Ethical Discernment; Cross-listed as REL 330. This course examines the construction of disability as a historical concept with real live consequences. We will learn about the different theoretical approaches to disability (moral, medical, social, cultural, limits models), and explore issues regarding sexuality, relationships, civil rights, cultural representation, and advocacy. We will also keep in mind the intersections with other bodily and social markers, such as gender, race, sexuality, class, and nationality.Special focus will be given to the role religion, particularly Christianity (its doctrines and practices), has played in how we understand disability as a concept, and persons with disability as members (or not) of our communities. We will analyze historical and contemporary sources like art, literature, religious and medical discourses to explore how images of the normal, healthy, and beautiful are generated and contested by embodied differences. For the purposes of this course, disability will include various ways in which bodies/minds can be seen as abnormal, including physical and cognitive disabilities as well as chronic illness and emotional/mental difference. (UG)

PHI 333: Religions in the World Sequence 1: Asian Traditions

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as REL 333. This course provides an introduction to select major religious traditions originating in what is today called India and China: Hinduism, Buddhism, Sikhism, and Confucianism (if time allows, Daoism). We will consider basic components (teachings, practices) and historical developments in each tradition, including changes brought about by cultural interactions such as colonization and contemporary manifestations and issues. Offered regularly, in sequence with other Religions in the World courses. (UG)

PHI 334: Religions in the World Sequence 2: Monotheistic Traditions

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as REL 334. This course will help the student distinguish between and appreciate the specific select religious and spiritual approaches covered in this course. This sequence will cover monotheistic religions with an emphasis on the so-called Abrahamic traditions (Judaism, Christianity, and Islam), as well as Mormonism. Origins, historical developments, rituals and practices, and modern lived expression (globally and in the US context) will be discussed. Offered regularly, in sequence with other Religions in the World courses. (UG)

PHI 335: Religions in the World Sequence 3: Indigenous and New Age Traditions

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as REL 335.This course will help the student distinguish between and appreciate the specific select religious and spiritual approaches covered in this course. This sequence will cover indigenous and so-called New Age traditions: North American traditions, African traditions, Paganism, and select others (e.g. Aboriginal Australian tradition) as time allows. Origins, historical developments, rituals and practices, the religious situation of indigenous people in the postcolonial world, and issues/conflicts arising out of contemporary socio-political contexts will be discussed. (UG)

PHI 336: Sex, Love and God

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Cross-listed as REL 336 or WST 336. Religion and sexuality each name important ways that we experience the world, other people, and our own bodies. While these experiences are deeply personal, they often invoke other political or historical values about which feelings, acts, and sexual partners are morally appropriate. Using contemporary philosophical readings and historical texts from various religious traditions, we will explore how these values changed over time and discuss why this change matters for us today. (UG)

Religious Studies

REL 105: God and Violence

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course explores the nature of the three Western monotheistic religions of the Book (Judaism, Christianity, and Islam) and seeks to understand the way that these religions both encourage and discourage inter-communal violence. The course focuses upon the way that holiness and holy spaces function within the foundational texts and practices of each religion. Includes exploration of the role that the holy places in Jerusalem and Saudi Arabia have played in conflicts between Jews and Christians, between Muslims and Jews, and between Islam and the United States. (UG)

REL 109: Contemporary Religious Thought

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. An examination of the different approaches to religious thinking. The content and methodological assumptions of various schools of religious inquiry. (UG)

REL 114: Culture and Story

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course, which compliments and will be in continued dialogue with THA 119 Theatre, Madness and Power, examines the role that ancient religious belief plays in establishing and maintaining categories that have been essential to modern life: purity, holiness, morality, sexuality, and honor. We will then look at how modern life maintains, redefines and transgresses these fundamental categories. For the first part of the course, which deals with antiquity, we will primarily employ the Bible, which will be put in dialogue with the plays of Sophocles and Shakespeare. The modern part of the course will explore the relevant issues with the help of both historical events and secular and religious writers. (UG)

REL 203: The Question of the Human

3 Credit Hour(s)

Fulfills core competency: Affective Awareness Cross-listed as PHI 203. In order to explore the dignity and worth of the human, the course examines the relationship between the individual and community. Through a series of readings and reflections, the attempt is made to expose the inter-relatedness of various thinkers from the liberal arts tradition. (UG)

REL 211: African American Thought

3 Credit Hour(s)

Fulfills core requirement: Moral and Ethical Discernment. Cross-listed as PHI 211. This course explores the tradition of African-American response to slavery and legalized racism. After some brief historical background, this course will focus on three particularly important moments in this tradition of resistance: the slave narratives (especially Frederick Douglass and Linda Brent), the turn of the century debates over education (especially Booker T. Washington, W.E.B. DuBois and Marcus Garvey), and the civil rights movement (especially the student movement, Martin Luther King, Malcom X, and the Black Power movement). (UG)

REL 213: Ethics of Sex, Drugs and Sports

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Cross-listed as PHI 213. Designed to be offered in learning community format with BIO 200 Science and Contemporary Social Issues. The course introduces students to moral issues and questions with regard to such matters as human cloning, genetic engineering, stem cell research, euthanasia, the environment and sustainability, and the emergence of life (e.g., fetal development). (UG)

REL 225: Readings in World Culture

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Cross-listed as PHI 225. This course is part of a learning community exploring the relationship among texts, historical contexts, and cultural conflicts. Students will study crucial moments in the modern era (i.e. slavery, the Holocaust, the Native American experience, the Cold War, and the immigrant experience) and will examine a variety of different texts (film, memoirs, novels, speeches, etc.) that reflect and comment upon these seminal historical moments and conflicts. (UG)

REL 234: Scientific & Religious Views of the World

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Cross-listed as PHI 234. The focus of this interdisciplinary course is to engage in healthy dialogue with respect to problems and possibilities, conflicts and complementarities, differences and/or similarities of religious and scientific perspectives. (UG)

REL 241: Introduction to Islam

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. With 1.5 billion adherents, Islam is the second largest religion in the world and in the United States today. It is also the fastest growing religion of our time. One out of every five people is a Muslim. As we study Islam, we will be examining a religion that dominated and shaped world history for many centuries. This course will provide an outline of the history of Islam and the impact of Islamic belief and culture on the world's social and political development, as well as an introductory survey of the fundamental tenets and practices of the last religion in the Semitic tradition. Attention will also be given to contemporary Islam and to the modern interpretation of the Islamic tradition. The course will be divided into three parts: the first will focus upon the history of Islam; the second will examine Islamic faith, sources of authority, and practice; and the third will explore contemporary Islam. No prior knowledge is assumed. (UG)

REL 309: The Holocaust

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Cross-listed as PHI 309. This course analyzes the variety of historical, religious, philosophical and political issues posed by the Nazi policy of systematic genocide. We will explore religious and racial anti-Semitism, the philosophy of fascism, the logic of genocide and the development and implementation of the final solution. Attention will also be paid to concentration camp life and to its effect upon the perpetrators and the survivors. (UG)

REL 313: Religious Values and Contemporary Moral Problems

3 Credit Hour(s)

The interaction between religious values and contemporary moral concerns. A discussion of selected ethical topics and perspective, nature of religious ethics and the meaning of religious values for modern society. (UG)

REL 316: Gospels Scholarship: Assessing the Field

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Writing Intensive. This course will examine recent trends within New Testament scholarship, with particular attention to recent scholarship on the Gospels. The course will focus on three large sets of topics: methodological questions (what is the best approach to reading the Gospels?), ideological questions (what is the place of gender and social status in the analysis of the Gospels?), and historical questions (what is the relationship between the Gospels and their historical environment?). In particular, the course will focus on the following topics: historical reconstructions of the situation in Palestine during and immediately following the life of Jesus; feminist readings of the Gospel; Christian conflicts with Judaism; the relationship between early Christianity and the Roman empire; and the interrelationship between the Gospels. Students will be asked to read and evaluate the recent forms of criticism and to draw their own conclusions on how best to approach the text. (UG)

REL 322: The Gospels

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. After locating the Gospels in the complex and diverse world of first century Judaism, we will examine the four New Testament Gospels as well as other, non-canonical Gospels (The Coptic Gospel of Thomas, The Sayings Source). Particular attention will be paid to the distinctive structure, characterization, themes, rhetoric and theology of each Gospel. (UG)

REL 328: Comparative Genocide

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Writing Intensive. Cross-listed as PHI 328. This course will examine phenomenon of modern genocide, with particular attention to the ideological motivation of the perpetrators and to the effect upon families and individuals. After some opening theoretical reflections on the connection between modernity and genocide, the course will focus on four particular examples: American slavery, the Nazi final solution, the Khmer Rouge revolution, and the Rwanda genocide. (UG)

REL 330: Witches, Cripples & Other Monsters

3 Credit Hour(s)

Fulfills Core Competency: Moran and Ethical Discernment; Cross-listed as PHI 330. This course examines the construction of disability as a historical concept with real live consequences. We will learn about the different theoretical approaches to disability (moral, medical, social, cultural, limits models), and explore issues regarding sexuality, relationships, civil rights, cultura representation, and advocacy. We will also keep in mind the intersections with other bodily and social markers, such as gender, race, sexuality, class, and nationality.Special focus will be given to the role religion, particularly Christianity (its doctrines and practices), has played in how we understand disability as a concept, and person with disability as members (or not) of our communities. We will analyze historical and contemporary sources like art, literature, religious and medical discourses to explore how images of the normal, healthy, and beautiful are generated and contested by embodied differences. For the purposes of this course, disability will include various ways in whichbodies/minds can be seen as abnormal, including physical and cognitive disabilities as well as chronic illness and emotional/mental difference. (UG)

REL 331: Reading List

2 Credit Hour(s)

Seminar provides a discussion of literature in the discipline. (UG)

REL 332: Reading List

2 Credit Hour(s)

Seminar provides a discussion of literature in the discipline. (UG)

REL 333: Religions in the World Sequence 1: Asian Traditions

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as PHI 333. This course provides an introduction to select major religious traditions originating in what is today called India and China: Hinduism, Buddhism, Sikhism, and Confucianism (if time allows, Daoism). We will consider basic components (teachings, practices) and historical developments in each tradition, including changes brought about by cultural interactions such as colonization and contemporary manifestations and issues. Offered regularly, in sequence with other Religions in the World courses. (UG)

REL 334: Religiions in the World Sequence 2: MonotheisticTraditions

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as PHI 334. This course will help the student distinguish between and appreciate the specific select religious and spiritual approaches covered in this course. This sequence will cover monotheistic religions with an emphasis on the so-called Abrahamic traditions (Judaism, Christianity, and Islam), as well as Mormonism. Origins, historical developments, rituals and practices, and modern lived expression (globally and in the US context) will be discussed. Offered regularly, in sequence with other Religions in the World courses. (UG)

REL 335: Religions in the World Sequence 3: Indigenous and New Age Traditions

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as PHI 335. This course will help the student distinguish between and appreciate the specific select religious and spiritual approaches covered in this course. This sequence will cover indigenous and so-called New Age traditions: North American traditions, African traditions, Paganism, and select others (e.g. Aboriginal Australian tradition) as time allows. Origins, historical developments, rituals and practices, the religious situation of indigenous people in the postcolonial world, and issues/conflicts arising out of contemporary socio-political contexts will be discussed (UG)

REL 336: Sex, Love and God

3 Credit Hour(s)

Fulfills core competency: Moral and Ethical Discernment. Cross-listed as PHI 336 or WST 336. Religion and sexuality each name important ways that we experience the world, other people, and our own bodies. While these experiences are deeply personal, they often invoke other political or historical values about which feelings, acts, and sexual partners are morally appropriate. Using contemporary philosophical readings and historical texts from various religious traditions, we will explore how these values changed over time and discuss why this change matters for us today. (UG)

REL 443: Proseminar

3 Credit Hour(s)

Fulfills core competencies: Communication Skills; Information Literacy. Research & Presentation; Writing Intensive. Introduction to research through an individual project. Required of all seniors. (UG)

Spanish

SPA 101: Elementary Spanish I

3 Credit Hour(s)

Fulfills core competency: Communication Skills. A study of the basic grammar and vocabulary of Spanish through oral and written drills designed to develop the ability to understand, speak, read and write Spanish. Prerequisite:No previous language experience required. (UG) Modality: face-to-face, hybrid, online. (UG)

SPA 102: Elementary Spanish II

3 Credit Hour(s)

Fulfills core competency: Communication Skills. A study of the basic grammar and vocabulary of Spanish through oral and written drills designed to develop the ability to understand, speak, read and write Spanish. Prerequisite: Credit for college level Elementary Language I study with an average of 80% or above, or a passing grade in SPA 101 at Daemen University. (UG) Modality: face-to-face, hybrid, online. (UG)

SPA 105: Intermediate Spanish for Professional Communication I

3 Credit Hour(s)

Fulfills core competency: Communication Skills. After a brief review of basics, the student continues to develop communicative ability in Spanish in professional situations. Prerequisite: Credit for college level Elementary Language II, or 3-4 years of high school language study, with an average of 80% or above. Passing grade in Daemen University 102. (UG) Modality: face-to-face, hybrid, online. (UG)

SPA 106: Intermediate Spanish for Professional Communication II

3 Credit Hour(s)

Fulfills core competency: Communication Skills. After a brief review of basics, the student continues to develop communicative ability in Spanish in professional situations. Prerequisite: Credit for college level Intermediate Language I with an average of 85% or above. Passing grade in Daemen College 105. (UG) Modality: face-to-face, hybrid, online. (UG)

SPA 110: Spanish for the Health Professions I

3 Credit Hour(s)

Effective communication is critical in Health Care fields. Providers with linguistic and intercultural competence are poised to elicit the required information for better diagnosis and treatment. Linguistic and intercultural competence helps to establish better provider-patient relationships thus enhancing the quality of care and quality outcomes. This three semester sequence guides future doctors (MD, DO), physician assistants (PA), nurses (RN), health care professionals (MPH), Pharmacists, and others in the field of health care with the medical terminology, grammar, and culture information required to engage with, and communicate effectively with, Hispanic populations. Level one requires high elementary level proficiency to begin the sequence. Prerequisite: Permission of instructor. Language of instruction is Spanish. Course type: UG. Literature & Culture. Proficiency level: Novice high to Intermediate Mid. Offered every Fall. Modality: online (UG)

SPA 207: Spanish Conversation and Composition I

3 Credit Hour(s)

Fulfills core competency: Communication Skills. Writing Intensive. These courses are intended to develop the conversational and writing abilities of students in non-technical areas. Grammar review as needed. A variety of media are used, including film, TV, newspapers and magazines. Prerequisite: SPA 106, four years high school Spanish, or permission of instructor. Course type: Fluency; Language and Linguistics. (UG)

SPA 208: Spanish Conversation and Composition II

3 Credit Hour(s)

Fulfills core competency: Communication Skills. Writing Intensive. These courses are intended to develop the conversational and writing abilities of students in non-technical areas. Grammar review as needed. A variety of media are used, including film, TV, newspapers and magazines. Prerequisite: SPA 106, four years high school Spanish, or permission of instructor. Course type: Fluency; Language and Linguistics. (UG)

SPA 209: Business Spanish

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration Class work will be designed to meet the career needs of the student. The class will include intensive career-specific vocabulary, role-playing, lesson planning and the use of trade and professional journals. Prerequisite: SPA 106, four years of high school Spanish, or permission of instructor. Course type: Fluency; Literature and Culture. (UG)

SPA 210: Spanish for the Health Professions II

3 Credit Hour(s)

Spanish for the Health Professions-II Spanish for the Health Professions-II Effective communication is critical in Health Care fields. Providers with linguistic and intercultural competence are poised to elicit the required information for better diagnosis and treatment. Linguistic and intercultural competence helps to establish better provider-patient relationships thus enhancing the quality of care and quality outcomes. This three semester sequence guides future doctors (MD, DO), physician assistants (PA), nurses (RN), health care professionals (MPH), Pharmacists, and others in the field of health care with the medical terminology, grammar, and culture information required to engage with, and communicate effectively with, Hispanic populations. Level two requires intermediate low proficiency to begin the sequence. Prerequisite: SPA 110 or permission of instructor. Language of instruction is Spanish. Course type: UG. Language & Linguistics. Proficiency level: Intermediate-low to Intermediate-high. Offered every Spring. Modality: online (UG)

SPA 213: Spanish for Spanish Speakers

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course is primarily intended for bilingual Spanish students who learned Spanish informally, or at home (heritage speakers), and whose dominant language is English. This course will allow heritage students to examine the Spanish they have previously learned and develop it further, through the critical examination of Spanish language itself, its cultural heritage, literacy skills, and thematic vocabulary. Prerequisite: SPA 106 or permission of the instructor, or Heritage Speaker status. (UG)

SPA 219: Spanish for the Professions

3 Credit Hour(s)

Fulfills Contextual Integration Competency; This course is designed for students who anticipate careers in which they will need to interact with Hispanic and Latinx communities. The course is designed around language for professional purposes in fields of (including but not limited to): business, health care, law/legal, social work, education. Offered as Needed. Language of Instruction - Spanish. (UG) Language/Linguistics Modality: online (UG)

SPA 220: Introduction to Literature in Spanish

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Writing Intensive. The course will introduce students to a variety of genres, time periods and authors of literature in Spanish from Spain, Latin America and the U.S. Focus will be on short stories, drama, poetry and the novella. While all work will be done in Spanish, the pace will be appropriate for a student's initial experience with literature in the language. Prerequisite: SPA 106, or four years high school Spanish, or permission of instructor. Course type: Literature; Literature and Culture. (UG)

SPA 233: Special Topics in Literature

3 Credit Hour(s)

This course will provide majors, minors, and intermediate language students with the opportunity to explore various authors or genres of Spanish literature. Prerequisite: Three credits SPA 106-level or higher or permission of instructor. May be taken for credit up to three times. Course type: Literature; Literature and Culture. (UG)

SPA 234: Special Topics in Culture

3 Credit Hour(s)

This course will provide majors, minors, and intermediate language students with the opportunity to explore various aspects of culture of Spanish speaking people. Prerequisite: Three credits SPA 106-level or higher or permission of instructor. May be taken for credit up to three times. Course type: Culture; Literature and Culture. (UG)

SPA 235: Special Topics in Linguisics

3 Credit Hour(s)

This course will provide majors, minors and intermediate language students with the opportunity to explore the field of Spanish linguistics. The course is delivered in the Spanish language. Prerequisites: completion of 3 credits in Spanish studies at the 200-level or higher. May be taken for credit up to three times (9 credits maximum). Course type: Fluency; Language and Linguistics. (UG)

SPA 240: Grammar and Culture Workshop I

3 Credit Hour(s)

Fulfills core competency: Communication Skills. This course is a bridge between language-learning courses and more advanced study in Spanish. The course will teach the four language skills (listening, speaking, reading, writing), with greater emphasis on listening and speaking, focusing on the people and culture of the Spanish-speaking world. Pre-requisites: Prerequisite: SPA 106, or four years high school Spanish or permission of instructor. Course type: Fluency; Literature and Culture. (UG)

SPA 250: Grammar and Culture Workshop II

3 Credit Hour(s)

Fulfills core competency: Communication Skills. A continuation of SPA 240 Grammar and Culture Workshop I. This course is a bridge between language-learning courses and more advanced study in Spanish. The course will teach the four language skills (listening, speaking, reading, writing), with greater emphasis on listening and speaking, focusing on the people and culture of the Spanish-speaking world. Prerequisite: Prerequisite: SPA 106, or four years high school Spanish or permission of instructor. Offered As Needed. Course type: Fluency; Language and Linguistics. (UG)

SPA 299: Service Learning in Spanish

1-6 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Service Learning. Students will perform service in Spanish in a variety of settings: schools, community organizations, social service agencies, etc. Projects will vary depending on student interest. Students will conduct a needs assessment of the agency or individual, decide on a project or continue on a previously developed project, and actively participate in implementing the plan. Prerequisite: Three credits SPA 200 level course and permission of instructor. (UG)

SPA 307: Survey of Spanish Literature

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Writing Intensive. This course provides a survey of literature written in Spanish. This course will present narrative, poetry and drama from major authors from Spain approximately covering the Early Middle Ages to contemporary writers. Students will understand and appreciate the many cultures that have contributed to literature written in Spanish from the Islamic, Jewish and Christian traditions of early Spanish literature to the Italian influences of the Renaissance, the height of Spanish literary achievement in the Golden Age and the considerable French influence in the 18th and 19th centuries, the critical self-analysis of the Generation of `98, the innovations of the Generation of `27, the censorship of the Franco era and the explosion of creativity on the heels of democracy. Critical thinking skills will be promoted as students analyze literature as part of a broader cultural reality that deals with issues of national and personal identity, gender, social status and religion. Prerequisite: Prerequisite: SPA 106, or four years high school Spanish or permission of instructor. Course type: Literature; Literature and Culture. (UG)

SPA 309: Survey of Spanish-American Literature

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Writing Intensive. This course provides a survey of literature originally written in Spanish by authors in the Spanish speaking nations of the Western Hemisphere. This course will present narrative, poetry and drama from major authors from pre-conquest indigenous writing to contemporary writers. Students will understand and appreciate the European, Indigenous and African cultures that have contributed to Spanish-American literature from the creation book of the Maya, Aztec poetry and Inca drama, the historical narratives of the Conquest, the nascent regional identities of Colonial texts, nationalistic post-independence literature, the innovations of Vanguardista poetry of the early 20th century and the phenomenal creativity of the Boom narrative of the late 20th century. Select contemporary readings will be included as well, including writings by US Latino authors. Critical thinking skills will be promoted as students analyze literature as part of a broader cultural reality that deals with issues of national and personal identity, gender, social status and religion. Prerequisite: 200-level Spanish course, or permission of instructor. Course type: Literature; Literature and Culture. (UG)

SPA 312: Advanced Spanish Grammar

3 Credit Hour(s)

Fulfills core competency: Critical Thinking & Problem Solving. The more difficult concepts of Spanish grammar will be analyzed in order to increase the student's ability to use them correctly in both the written and spoken language. Prerequisite: Three credits of SPA 200-level or higher, or permission of instructor. Course type: Fluency; Language and Linguistics. (UG)

SPA 315: Spanish Civilization and Culture

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. The study of all the elements which combine to form the Spanish nation. This course will include contemporary culture and norms as well as the traditional civilization components of historical, religious, economic, literary and artistic trends. Prerequisite: Three credits SPA 200-level or higher or permission of instructor. (UG)

SPA 316: Spanish-American Civilization and Culture

3 Credit Hour(s)

Fulfills core competency: Contextual Integration; Communication Skills; Moral and Ethical Discernment. This course will introduce the student to the major geographic, historical, artistic, political and economic factors that reflect the diversity of Spanish-speaking nations in the Western Hemisphere. We will examine the significant linguistic, religious, artistic and political contributions of Spain, which reflect Christian, Jewish and Islamic traditions, the importance of the varied indigenous societies that existed pre-conquest and how their legacy survives in language, culture, and social and political institutions and the impact of Africans from the slavery of colonial times, through independence movements and the cultural, social and political integration of the 20th - 21st centuries. We will analyze how in each nation of the Spanish speaking world - Mexico, Central America, the Caribbean and South America - these three influences have combined to form distinct national cultures. This exploration of historical events will be examined concurrently with discussion and analysis of the moral and ethical concerns both of the historical period and in the context of our own sensibilities. Prerequisites: 3 credits of 200 level Spanish course or Permission of Instructor. (UG)

SPA 320: Spanish for the Heath Professions III

3 Credit Hour(s)

Effective communication is critical in Health Care fields. Providers with linguistic and intercultural competence are poised to elicit the required information for better diagnosis and treatment. Linguistic and intercultural competence helps to establish better provider-patient relationships thus enhancing the quality of care and quality outcomes. This three semester sequence guides future doctors (MD, DO), physician assistants (PA), nurses (RN), health care professionals (MPH), Pharmacists, and others in the field of health care with the medical terminology, grammar, and culture information required to engage with, and communicate effectively with, Hispanic populations. Level three requires intermediate-mid proficiency to begin the sequence. Prerequisite: SPA 210 or permission of instructor. Language of instruction is Spanish. Course type: UG. Language & Linguistics. Proficiency level: Intermediate-mid to Advanced. Offered every fall. Modality: online (UG)

SPA 326: Advanced Conversation in Spanish

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course will focus on oral expression, giving the student the opportunity to hear and speak Spanish exclusively in both directed and spontaneous conversation. Extensive use of Spanish media is included. Prerequisite: SPA 200-level or higher, or permission of instructor. May be taken for credit up to three times. Course type: Fluency; Language and Linguistics. (UG)

SPA 328: Spanish Language Film

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course will use film in Spanish from Spain, Latin America and the US as a vehicle for artistic expression, for linguistic enrichment and for cultural understanding. Students will come to see film both as an art form and as a vehicle for social commentary. Prerequisites: 200-level SPA course or permission of instructor. Course type: Culture; Literature and Culture. (UG)

SPA 333: Special Topics in Literature

3 Credit Hour(s)

This course will provide majors, minors, and advanced language students with the opportunity to explore various authors or genres of Spanish literature. Prerequisite: SPA 106, or four years high school Spanish or permission of instructor. May be taken for credit up to three times. Course type: Literature; Literature and Culture. (UG)

SPA 334: Special Topics in Culture

3 Credit Hour(s)

This course will provide majors, minors, and advanced language students with the opportunity to explore various aspects of culture of Spanish speaking people. Prerequisite: SPA 106, or four years high school Spanish or permission of instructor. May be taken for credit up to three times. Course type: Culture; Literature and Culture. (UG)

SPA 335: Special Topics in Linguistics

3 Credit Hour(s)

This course will provide majors, minors and advanced language students with the opportunity to explore the field of Spanish linguistics. The course is delivered in the Spanish language. Prerequisites: SPA 106, or four years high school Spanish or permission of instructor. May be taken for credit up to three times (9 credits maximum). Course type: Fluency; Language and Linguistics. (UG)

SPA 336: Phonetics & Phonology-Spanish

3 Credit Hour(s)

Fulfills core competency: Communication Skills. Spanish Phonetics and Phonology is designed to bring an understanding of the phonetic features of Spanish sounds, the linguistic logic and historical context behind how the sounds are organized into a system, and how they operate when they form syllables, words, sentences and discourse (phonology). This course is both analytical and practical and covers: contemporary Spanish pronunciation (phonetics and phonology); how geographical, social and ethnic variation is manifest throughout the Spanish sound system through the study of geolects and dialects; as well as the interplay of morphological, syntactical and lexical elements with the phonological system. Ultimately students will: improve their pronunciation in Spanish, develop and improve their auditory perception of the Spanish sounds, reasonably successfully replicate L2 pronunciation and intonation patterns, recognize dialectal variation for improved comprehension and communication, all within sociocultural, historical, pragmatic, and contexts of the language and the cultures particular to the language. Prerequisite: Completion of a 200-level Spanish course. Course type: Fluency; Language and Linguistics. (UG)

SPA 337: Hipanic Sociolinguistics

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Critical Thinking. The purpose of this course is to introduce the study of the relationship between language and a range of social factors (class, ethnicity, gender, age, and the like) influencing human behavior in Spanish-speaking societies. Themes explored include but are not limited to linguistic identity, attitudes, language contact, and the like. It is designed to generate an appreciation of the link between language, culture, and society. Language of instruction: Spanish (UG)

SPA 338: Spanish in Contact

3 Credit Hour(s)

Fullfills core competencies: Contextual Intregration. The Spanish language comes into contact with a multitude of other languages (indigenous language in Latin America; Portuguese, Basque, Catalan, Galician in Spain; Arabic in Spanish Morocco; American English in the US & Puerto Rico; French, Creole, Papiamentu, English, and Dutch in the Caribbean; Philippine languages/dialects in the Philippines; Judeo-Spanish in various parts of the world). This course focuses on the various situations that have resulted from Spanish in contact with other languages (where in some cases it is the primary, dominant language, and in others it is the peripheral, minority language) and the cultural constructions that have emerged as a result of the various contexts. Offered as Needed. Language of Instruction - Spanish. (UG) (UG)

SPA 339: Spanish in the USA

3 Credit Hour(s)

Fullfills Core Competencies: Contextual Integration; Affective Awareness. This course examines the distinguishing characteristics of the major varieties of Spanish found in the USA. Historical analysis and sociolinguistic information are the backdrop for the short stories that tell the tales of the various groups' experiences living in the USA. Offered as Needed. Language of Instruction - Spanish. (UG), Literature & Culture, INTASC - Content, Communication (UG)

SPA 340: Aquistion of Spanish As a Second Language

3 Credit Hour(s)

This course examines the rules that govern Spanish language from a pragmatic, social, and discourse based perspective while exploring second language acquisition learning theories particular to acquiring Spanish as a second language. Attention is on metacognition even though there are activities designed for personal cognitive development and gains. Offered as Needed. Language of Instruction - Spanish. (UG), Language & Linguistics, INTASC - Content, Communication (UG)

SPA 398: International Experiential Learning

1-3 Credit Hour(s)

(UG)

SPA 399: Service Learning in Spanish

1-6 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Service Learning. Students will perform service in Spanish in a variety of settings: schools, community organizations, social service agencies etc. Projects will vary depending on student interest. Students will conduct a needs assessment of the agency or individual, decide on a project or continue on a previously developed project, and actively participate in implementing the plan. Prerequisite: 3 credits of SPA 300 level or permission of instructor. (UG)

SPA 420: Methods and Assessment

3 Credit Hour(s)

Practicum level course. A study of the fundamental principles and practices of language learning theories and language instruction to prepare for work with and assessment of learners in various learning environments. Prerequisite: SPA 300-level or higher or permission of instructor, upper division status in Adolescent Certification Spanish program. Offered As Needed. Taken with the practicum course block. (UG)

SPA 442: Senior Project Research

1 Credit Hour(s)

Each Modern Language major must complete a senior project as one of the requirements for graduation. In this course, which must be taken in the junior year, students select the topic for research and make substantial progress on researching the senior project under the direction of Modern Language faculty members. Students are required to: submit a polished research proposal, submit an annotated bibliography, and present the research proposal to the class and faculty orally. Students may not enroll in SPA 443 Senior Project until SPA 442 is passed. Note: ALL 443 projects must reflect work completed in 442; substantial changes in topic or content may require a student to repeat 442 before enrolling in 443. Prerequisite: All junior majors must register for this course. This preparation course for the Senior Project is required of all majors and must be taken in the junior year. (UG)

SPA 443: Senior Project

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Research and Presentation requirement. Writing Intensive. The Spanish major will complete this 3-credit project that demonstrates mastery of the language in the context of literary or cultural studies or professional applications. The project may be a traditional thesis on a literary or cultural topic, or it may reflect the student's involvement in professional or volunteer work in the language. The project will normally require a significant research base culminating in the submission of an extensive written report and presentation at the Academic Festival. Prerequisite: SPA 442. Note: ALL 443 projects must reflect work completed in 442; substantial changes in topic or content may require a student to repeat 442 before enrolling in 443. (UG)

SPA 499: Service Learning in Spanish

1-6 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Service Learning. Students will perform service in Spanish in a variety of settings: schools, community organizations, social service agencies etc. Projects will vary depending on student interest. Students will conduct a needs assessment of the agency or individual, decide on a project or continue on a previously developed project, and actively participate in implementing the plan. Prerequisite: SPA 399 and permission of instructor. (UG)

Physical Therapy

Contact Information

phone: (716) 839-8345
daemen.edu/physicaltherapy

Chair

Michael D. Ross, PT DHSc OCS FAAOMPT
(707) 628-5950

Degrees Offered

- Bachelor of Science in Natural Science/Doctor of Physical Therapy (BS/DPT)
- Direct-entry Doctor of Physical Therapy (DPT)

All students entering Daemen University intending to pursue studies leading to a Physical Therapy degree matriculate into the professional DPT Physical Therapy curriculum and abide by the associated admissions requirements described in the DPT program plan. BS/DPT students will complete the requirements for a Bachelor of Science degree in Natural Science by the end of their fourth academic year (first-year professional phase); at the end of the sixth academic year (third-year professional phase) students will graduate with the Doctor of Physical Therapy degree.

Daemen University reserves the right to make changes to the Physical Therapy curriculum, professional program entrance criteria, and/or professional program and graduation requirements. All enrolled students must meet all requirements if changed or amended by Daemen University.

Accreditation Information

The clinical doctorate in **Physical Therapy (DPT)** is an accredited program. You can find PT accreditation information in our catalog and on the PT departmental web page.

Physical Therapy Program Mission Statement

The Physical Therapy Department at Daemen University will prepare students to become knowledgeable, skilled, and reflective physical therapists who are committed to serving the healthcare needs of a diverse society and to lifelong professional growth. This maturation will occur through contemporary physical therapy professional courses grounded in the humanities and natural and social science curriculum.

Physical Therapy Program Philosophy

The Physical Therapy Program at Daemen University supports the Mission and Goals of the University, with the ultimate purpose of developing well-educated individuals with critical thinking and creative problem-solving skills necessary to assume roles of responsibility as a clinician, consultant, educator, and administrator in improving the quality of life for all individuals.

Our philosophy emerges from the following values that are embraced by all departmental faculty. These values drive the design, implementation, and ongoing assessment of our curriculum:

- The APTA Code of Ethics and APTA Standards of Practice guide the interactions of students and faculty.
- Doctor of Physical Therapy education develops the foundation for life-long personal and professional development through active pursuit of knowledge.
- Teaching and learning is a collaborative and dynamic process between faculty and students that requires passion, commitment, creativity, and ongoing assessment and self-reflection.
- Learning experiences are deliberately structured to advance the development of effective, cognitive, and psychomotor skills of the student and varied in consideration of student learning styles.
- Effective learning occurs inside and outside of the classroom in the context of professional, community, and service-oriented activities.

- The use of best evidence drives the delivery of physical therapy services. It is the responsibility of faculty and students to engage in research that will contribute to the current knowledge base to promote effective and efficient clinical practice.
- Physical therapists are instrumental in optimizing the function and participation of individuals through contemporary intervention and health promotion, prevention, fitness, and wellness to meet the changing health care needs of society.
- Advancement of the physical therapy profession is the civic responsibility of faculty and students demonstrated through continued competency, service-oriented practice, advocacy, scholarship, teaching, and administration.
- Service to the university and community is the responsibility of both students and faculty.

Physical Therapy Program Goals

Our program Mission and Philosophy, in combination with the Mission and Goals of Daemen University and the following professional documents, have guided the construction, implementation, and ongoing assessment of our Doctor of Physical Therapy Program.

APTA Standards of Practice for Physical Therapy
Standards and Required Elements for Accreditation of PT Education Programs
The Guide to Physical Therapist Practice
Professionalism in Physical Therapy: Core Values
APTA Code of Ethics for the Physical Therapist
APTA Guide for Professional Conduct
APTA Minimum Required Skills of Physical Therapist Graduates at Entry Level
APTA Vision Statement for the Physical Therapy Profession and Guiding Principles to Achieve the Vision
International Classification of Functioning, Disability, and Health (ICF)
Nagi Model of Disablement
Domains of Learning
Clinical Practice Guidelines of APTA Sections
APTA Clinical Performance Instrument
Blueprint for Teaching Cultural Competence in Physical Therapy Education
Outcome Assessment in Physical Therapy Education
A Normative Model of Physical Therapist Professional Education: Version 2004

In order to achieve the Mission of the Daemen University Physical Therapy Program, the faculty and students engage in an active educational process with a variety of learning experiences and collaborate in scholarly and service activities within a curriculum that is designed so that upon completion of the Program, graduates will have achieved the following Goals.

UPON COMPLETION OF THE DAEMEN UNIVERSITY DPT PROGRAM THE GRADUATE WILL BE ABLE TO:

1. demonstrate a thorough knowledge of the foundational sciences related to normal and abnormal human structure, function, and response to injury and disease and apply this information to the understanding of the clinical sciences.
    1. evaluate the basic science foundations of clinical sciences relating to medical and surgical conditions frequently seen by physical therapists.
    2. judge the validity of the basic science foundations of proposed patient/client management theories and approaches.
2. demonstrate cultural competence while effectively communicating through written, verbal and non-verbal means with patients/clients and their families/caregivers, professional colleagues, payers, policymakers, and the general public.
    1. demonstrate verbal and non-verbal communication appropriate to a specific audience and the intended impact of the discourse.
    2. demonstrate concise and accurate professional written communication necessary for patient/client care, administration, and community service roles.
3. apply educational concepts of learning theories in designing, implementing, evaluating, and modifying learning experiences based on the needs of the audience.
    1. describe the importance of instructional design and apply knowledge of the

teaching and learning process and associated techniques in the practice of physical therapy.
    2. demonstrate cultural competence in the application of educational concepts when designing and implementing the intervention, and health and wellness prevention programs for patients or clients.
    3. evaluate the appropriateness and effectiveness of strategies used in clinical practice.
4. use the principles of the scientific method and demonstrate sound problem-solving and critical thinking skills in the process of patient/client examination and evaluation in order to determine diagnosis, prognosis, and selection of the most appropriate intervention across different patient populations and practice settings.
    1. using the current best evidence, select and administer appropriate, valid, and reliable examination tests and measures of impairments, functional limitations, and disabilities.
    2. evaluate examination data to generate an accurate and defensible physical therapy diagnosis and individualized patient prognosis.
    3. establish and administer an appropriate plan of care and discuss the evidence-based rationale for the selection of the intervention parameters.
    4. recognize their limits related to knowledge or scope of practice in determining the need for further examination or consultation by a physical therapist or for referral to another health care professional.
5. consistently apply sound measurement principles to validly and reliably measure patient/client performance, response to therapeutic intervention, and outcomes assessment across practice settings.
    1. utilize a systematic approach to evaluating patient response to specific interventions.
    2. select and administer appropriate, valid, and reliable performance-based or self-report functional outcome measures to evaluate current status and progress toward specific patient-centered goals and outcomes.
    3. evaluate the goals and outcomes of physical therapy interventions.
6. function safely, effectively, and efficiently as an autonomous practitioner, as well as in collaboration with other health care providers, while providing patient/client-centered physical therapy services in accordance with the APTA Code of Ethics and the State Practice Law.
    1. render independent judgments concerning patient/client needs and plans of care for individuals throughout their life span who have impairments, functional limitations, and disabilities to promote quality of life.
    2. describe the Physical Therapist's role as a member of the health care team, work collaboratively with other members of the team, and participate in peer assessment.
    3. describe and function within the legal and ethical boundaries involved in the practice of physical therapy.
    4. demonstrate cultural competence when engaged in the practice of physical therapy.
    5. demonstrate altruism, compassion, caring, empathy, integrity, and effective behaviors for recognizing and resolving conflicts, in the context of physical therapist practice.
7. provide physical therapy services for screening, prevention, health promotion, fitness, and wellness to promote health and quality of life.
    1. perform appropriate screening procedures to determine the need for primary, secondary, and tertiary prevention.
    2. apply contemporary theory related to health behavior and current best evidence in designing and implementing educational materials and experiences to promote general health, wellness, participation, and prevent disease, impairment, functional limitation, or disability within the scope of physical therapy practice.
8. exhibit leadership skills in the management and administration of physical therapy services in a

variety of settings as part of professional physical therapy practice.

    1. discuss the complex interaction of social, economic, and political variables involved in health care practice management.
    2. recognize the importance of assuring excellence of care and of monitoring effectiveness, efficiency, and quality of care.
    3. effectively manage human resources to meet the patient's/client's goals and expected outcomes, and evaluate methods to increase staff productivity and satisfaction in a variety of health care settings without sacrificing the quality of care.
    4. participate in financial management and activities related to the marketing and public relations of practice.
    5. manage and administer health care services in accordance with legal and regulatory requirements.

9. value the importance of continued personal and professional growth through lifelong learning.
    1. recognize the professional program as an entry-level curriculum designed to provide the foundation for autonomous physical therapy practice.
    2. express the importance of participation in professional continuing education throughout one's professional career in order to assure continued competence, adaptation to the dynamic health care environment, and advancement of the profession.
    3. describe the importance of accountability in physical therapy practice and in personal and professional growth as an independent learner.
10. value the importance of promoting the profession of Physical Therapy through contribution to research, participation in professional organizations, and advocating for physical therapists as autonomous practitioners of choice in this dynamic health care environment.
    1. design, conduct, and disseminate the results of research related to the field of physical therapy.
    2. recognize the importance of professional organizations and articulate their roles and functions and the need for participation.
    3. participate in service-oriented activities which promote knowledge of the doctoring profession of physical therapy.
    4. act as an advocate for the physical therapy profession, and the patients we serve, to other providers, payers, political leaders, and other members of the community.

Bachelor of Science in Natural Science/Doctor of Physical Therapy

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

Requirements for the BS Portion of the BS, NS/DPT Curriculum

1. MAJOR: SCIENCES AND PHYSICAL THERAPY: 75 CREDITS

- The following courses require a minimum grade of C:
- BIO109/L-110/L General Biology I-II (3/1; 3/1)
- BIO330/L-340/L General Anatomy; General Physiology (4/0; 4/0)
- CHE110/L-111/L Chemistry I-II (4/0; 4/0)
- PHY201/L-202/L Physics I-II (3/1; 3/1)
- PT101-201 Freshman/Sophomore Seminar in Physical Therapy (1/1)
- PT205 Medical Terminology (1)
- PT312 Principles of Teaching and Learning (2)
- PT504/L-505/L Clinical Functional Anatomy I & II (3/0; 2/0)
- PT506/L-507/LKinesiology & Biomechanics I & II (3/0; 2/0)
- PT508/L Physiology of Exercise (3/0)
- PT517 Clinical Medicine I (3)
- PT541 Neurobiology I (2)
- PT518 Differential Diagnosis and Medical Screening (2)
- PT551 Integrative Seminar in Physical Therapy I-II (0/0)
- Natural & Health Science Electives: Select 9 credits from the listing below.
- CMP101 English Composition (3)
- PSY103 Intro to Psychology (3)
- CMP315 Advanced Composition for Health Professionals (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - Choose one course from: Math, or Computer Science. (3)
    - MTH134 Pre-Calculus (3) *
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:

Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

3. FREE ELECTIVES: 9 CREDITS:

A maximum of 9 credits may be taken in science courses.

Note: * A minimum C grade required

NOTE: CORE ELECTIVES AND FREE ELECTIVES

Some courses have overlapping content and therefore credit for only one course in each of the following pairs

may be counted as a required or elective health science course: HPR301 and PT508; HPR317 and PT504 and/or PT505; HPR317 and PT506 and/or PT507; HPR320 AND PT517.

TOTAL REQUIREMENTS FOR THE BS PORTION OF THE CURRICULUM = 120 CREDITS

Requirements for the DPT Portion of the BS, NS/DPT Curriculum

NOTE: Some courses will be taken concurrently with BS studies.

MAJOR: 85 CREDITS

- PT501Applied Biostatistics (3)
- PT509/L Principles & Applications of Physical Agents (3/0)
- PT511/L Foundations of Neuromuscular Rehabilitation (4/0)
- PT512 Movement Across the Lifespan (2)
- PT513/L Adult Neuromuscular Rehabilitation (4/0)
- PT514/L-515/L Musculoskeletal Rehabilitation I-II (5/0; 5/0)
- PT516 Clinical Problem Solving in Musculoskeletal Rehabilitation (2)
- PT519 Pediatric Neuromuscular Rehabilitation (4/0)
- PT521/L Prosthetics & Orthotics (2/0)
- PT530 Psychosocial Aspects of Health and Disability (3)
- PT539/L Cardiopulmonary Rehabilitation (3/0)
- PT542/L Neurobiology II (4/0)
- PT546-549 Clinical Medicine II-III (3/2)
- PT548 Integumentary Care (3)
- PT551Integrative Seminar in Physical Therapy III-IV (0)
- PT651Integrative Seminar in Physical Therapy V (0)
- PT553 Introduction to Clinical Research Design (1)
- PT554-555 Clinical Research I-II (2/2)
- PT563-564-565-566-567 Clinical Exposure I-V (1/1/1/1/1)
- PT575Pre-Clinical Seminar (1)
- PT577-582-680-690 Clinical Internship I-II-III-IV (3/3/4/4)
- PT600 Clinical Problem Solving in Neuromuscular Rehabilitation (2)
- PT610 Management &Administrative Issues in Physical Therapy (4)
- PT612 Prevention, Health Promotion, Fitness & Wellness (2)

TOTAL REQUIREMENTS FOR THE DPT PORTION OF THE CURRICULUM = 85 CREDITS

TOTAL PROGRAM REQUIREMENTS: BS (120); DPT (85) = 205 CREDITS

Natural Science or Health Science Electives

Select from the following courses. A minimum grade of C is required. Note that some courses have prerequisites (consult course descriptions in the Daemen catalog or the schedule of course offerings which is accessible on the Daemen website).

- BCH313/L General Biochemistry (3/1)
- BIO247/347/447 Selected Topics (3-4)
- BIO302/L General Ecology (3/1)
- BIO303/L Plant Biology (4/0)
- BIO/SUST304 Conservation Biology (3) – CI; CR; ME; WI
- BIO308/L Genetics (3/1)
- BIO315/L General Microbiology (3/1)
- BIO322/L Invertebrate Biology (4/0)
- BIO323/L Animal Biology (4/0)
- BIO324/L Vertebrate Biology (4/0)
- BIO325 Cell Biology (3)
- BIO333/L Developmental Biology (4/0)
- BIO335/L Animal Behavior (4/0)

- BIO417 Immunology (3)
- BIO436/L Evolutionary Biology (4/0)
- BIO/BCH440/L Molecular Biology (3/1)
- CHE301/L Organic Chemistry I (3/1)
- CHE302/L Organic Chemistry II (3/1)
- CHE303/L Introduction to Physical Chemistry (4/0)
- CHE304/L Advanced Topics in Physical Chemistry (4/0)
- CHE311/L Contemporary Chemical Analysis (4/0)
- CHE312/L Modern Instrumental Analysis (4/0)
- CHE447 Selected Topics (3-4)
- ENS205 Planet Earth I: Physical Features (3)
- ENS206 Planet Earth II: Geographical Features (3)
- ENS/NSC303 Environmental Toxicology (3) – CT
- ENS304/L Environmental Chemistry (3/1)
- NSC310 Biostatistics (3)) — CT
- NSC331 Natural Science Literature Survey (2)
- NSC342 Biomaterials (3)
- NSC4__ Natural Science Research Problems (3)
- NSC443 Natural Science Research Seminar (2)
- PAS511 Clinical Microbiology/Immunology (3)

Humanities and Social Science Requirements

In order to ensure sufficient breadth and depth of understanding of a liberal arts education, students will complete a minimum of 6 credits of studies in at least two areas in humanities and social sciences in addition to composition studies. Therefore, a student must complete 4 courses (12 credits) total in Humanities/Social Sciences: 2 courses taken in one designated area of Humanities/Social Sciences, and 2 courses taken in another designated area in Humanities/Social Sciences (Example: 2 courses taken in History [HST], and 2 courses taken in Psychology [PSY]). Humanities/Social Science course designations are: Economics (ECO); Fine Arts (Art [ART], Theater [THA]); Foreign Languages (Chinese [CHI], French [FRE], Italian [ITA], Spanish [SPA]); History (HST); Humanities; Literature (LIT); Music (MUS); Philosophy (PHI); Political Science (PSC); Psychology (PSY); Religious Studies (REL); Sociology (SOC).

Program Structure

1. This program leads to multiple degrees. Degrees are conferred separately: the BS upon completion of all baccalaureate requirements; the DPT upon completion of the entire BS and DPT requirements.
2. The Biology minor is earned as part of the BS, Natural Science major, Health Science specialization.
3. Prior to the start of the Professional phase (Year 4) of the program, all coursework referenced in the first 3 years must be completed in full.

Admission Requirements

Applicants for admission to the Bachelor of Science in Natural Science/Doctor of Physical Therapy (BS, NS/DPT) program who is currently enrolled in high school should apply directly to the Daemen College Office of Admissions. You may apply online at **https://app.applyyourself.com/AYApplicantLogin/ApplicantConnectLogin.asp?id=DAEMEN-U**. First-year applicants are required to have three years of high school science (including chemistry,) with three years of high school mathematics (including trigonometry) recommended. The Admissions Committee will also consider standardized test scores, high school GPA, transcripts (including grade performance and rigor of courses selected), extracurricular activities, class rank, and counselor or teacher recommendations.

Transfer applicants for admission to the Bachelor of Science in Natural Science/Doctor of Physical Therapy (BS, NS/DPT) program at the pre-professional phase should apply directly to the Daemen College Office of Admissions. You may apply online at **https://app.applyyourself.com/AYApplicantLogin/ApplicantConnectLogin.asp?id=DAEMEN-U**. The Admissions Committee will consider overall GPA and science GPA in previous college course credits to be transferred, standardized test scores, and all required application materials and required documents.

Requirements for Progression to the Professional Phase of the Program

For Bachelor of Science in Natural Science/Doctor of Physical Therapy (BS, NS/DPT) first-year entry and pre-professional phase transfer students, a complete description of all policies and procedures for progression to the professional phase of the program is provided upon admission and is available at Department of Physical Therapy

Criteria For Progression To The Professional Physical Therapy Program.

Students accepted to the Bachelor of Science in Natural Science/Doctor of Physical Therapy (BS, NS/DPT) program as first-year students are guaranteed admission to the professional phase of the program provided they achieve the requirements detailed in the Department of Physical Therapy

Criteria For Progression To The Professional Physical Therapy Program.

First-year enrolled students pursuing a change of major to the Bachelor of Science in Natural Science/Doctor of Physical Therapy (BS, NS/DPT) and pre-professional phase transfer students accepted to the Bachelor of Science in Natural Science/Doctor of Physical Therapy (BS, NS/DPT) or pursuing a change of major to the Bachelor of Science in Natural Science/Doctor of Physical Therapy (BS, NS/DPT) will be accepted to the professional phase of the program based upon achievement of the requirements detailed in the Department of Physical Therapy

Criteria For Progression To The Professional Physical Therapy Program and based on space availability.

NOTE

All new incoming students: please see

Criteria For Progression To The Professional Physical Therapy Program. The criteria are available online or upon request from the Physical Therapy departmental office.

Requirements for Continuance in the Professional Phase of the Program

Detailed information on minimum grade requirements and other requirements to maintain good academic standing in the professional program is available from the Physical Therapy Department. A minimum grade of C or Pass (for courses graded Pass/Fail) in all courses and a minimum 3.0 GPA in each semester of the curriculum is required in the professional program.

Graduation Requirements

Satisfactory completion of all requirements as per the terms set forth by the Physical Therapy Department.

Suggested Course Sequence

Access the suggested course sequence for the **BS/DPT, Natural Science-Health Science specialization/Physical Therapy**, from the Physical Therapy Department web page or the Program Plans site on the Registrar's webpage.

Direct-entry Doctor of Physical Therapy (DPT)

Prerequisite Studies

Depending upon academic background, students may be required to complete additional studies as prerequisite to required courses. Prerequisite studies follow:

- BIO109/L-110/L General Biology I-II (3/1; 3/1)
- BIO330/L-340/L General Anatomy; General Physiology (4/0; 4/0)
- CHE110/L-111/L Chemistry I-II (4/0; 4/0)
- PHY201/L-202/L Physics I-II (3/1; 3/1)
- PSY: 3 credits in Psychology studies
- PT205 Medical Terminology (1)
- PT300 Introduction to Physical Therapy (2)

MAJOR: SCIENCES AND PHYSICAL THERAPY: 105 CREDITS:

- PT501Applied Biostatistics (3)
- PT504/L-505/L Clinical Functional Anatomy I & II (3/0; 2/0)
- PT506/L-507/L Kinesiology & Biomechanics I & II (3/0; 2/0)
- PT508/L Physiology of Exercise (3/0)
- PT509/L Principles & Applications of Physical Agents (3/0)
- PT511/L Foundations of Neuromuscular Rehabilitation (4/0)
- PT512 Movement Across the Lifespan (2)
- PT513/L Adult Neuromuscular Rehabilitation (4/0)
- PT514/L-515/L Musculoskeletal Rehabilitation I-II (5/0; 5/0)
- PT516 Clinical Problem Solving in Musculoskeletal Rehabilitation (2)
- PT517 Clinical Medicine I (3)
- PT518 Differential Diagnosis and Medical Screening (2)
- PT519 Pediatric Neuromuscular Rehabilitation (4/0)
- PT521/L Prosthetics & Orthotics (2/0)
- PT530 Psychosocial Aspects of Health and Disability (3)
- PT539/L Cardiopulmonary Rehabilitation (3/0)
- PT541-542/L Neurobiology I-II (2; 4/0)
- PT546-549 Clinical Medicine II-III (3/2)
- PT548 Integumentary Care (3)
- PT551Integrative Seminar in Physical Therapy I-II-III-IV (0)
- PT651Integrative Seminar in Physical Therapy V (0)
- PT553 Introduction to Clinical Research Design (1)
- PT554-555 Clinical Research I-II (2/2)
- PT563-564-565-566-567 Clinical Exposure I-V (1/1/1/1/1)
- PT575Pre-Clinical Seminar (1)
- PT577-582-680-690 Clinical Internship I-II-III-IV (3/3/4/4)
- PT600 Clinical Problem Solving in Neuromuscular Rehabilitation (2)
- PT610 Management &Administrative Issues in Physical Therapy (4)
- PT612 Prevention, Health Promotion, Fitness & Wellness (2)

Admission Requirements

Students with an earned baccalaureate degree (BS/BA) in a related field with minimum overall and science GPAs of 2.8 may apply to enter directly into the professional phase of the entry-level Doctor of Physical Therapy (DPT) program.

Students with an earned baccalaureate degree (BS/BA) in a related field with minimum overall and science GPAs of 2.8 may apply to enter directly into the professional phase of the entry-level Doctor of Physical Therapy (DPT) program. You must **apply online** through PTCAS.

Direct-entry students will be accepted to the professional phase of the program based on their educational background, academic excellence, completion of all other requirements/recommendations, and space availability.

Degree and credit analysis for direct-entry students is completed by the Graduate Admissions Office and Physical Therapy Department Chair.

Direct-entry students must have successfully completed (C or better) all coursework listed below, earning minimum overall and science GPAs of 2.8 to be eligible for consideration for entry into the professional phase of the program.

8 credits Biology (with lab)

8 credits Chemistry (with lab)

8 credits Physics (with lab)

4 credits Anatomy (with lab)

4 credits Physiology (with lab)

3 credits Psychology

1 credit Medical Terminology

2 credits Introduction to Physical Therapy

Official transcripts from all colleges attended are required. International students should have transcripts evaluated by World Educational Services **www.wes.org** or Joseph Silny & Associates, Inc. **www.jsilny.com**. Course by course evaluation is required.

Applicants must consult with the Graduate Admissions Office for all other requirements/recommendations including letter of intent, field work, and references.

Requirements for Continuance in the Professional Phase of the Program

Detailed information on minimum grade requirements and other requirements to maintain good academic standing in the professional program is available from the Physical Therapy Department. A minimum grade of C or Pass (for courses graded Pass/Fail) in all courses and a minimum 3.0 GPA in each semester of the curriculum are required in the professional program.

Graduation Requirements

Satisfactory completion of all requirements as per the terms set forth by the Physical Therapy Department.

Suggested Course Sequence

Access the suggested course sequence for the **DPT, Direct Entry**, from the Physical Therapy Department web page or the Program Plans site on the Registrar's web page.

Physical Therapy

PT 100: Physical Therapy Summer Institute

2 Credit Hour(s)

This week-long summer Physical Therapy Institute will provide the high school student participants with a unique experience to learn about the wonderful profession of being a Doctor of Physical Therapy (DPT). Students will learn about how physical therapists promote, restore, and enhance function and quality of life for individuals across the lifespan. This Institute will provide hands-on learning opportunities in the areas of musculoskeletal/sports rehab, neuromuscular (pediatrics and geriatrics) rehab, cardiopulmonary rehab, exercise science, and more. An exploration of the program of study required to become a DPT will be presented and discussed. Students will regularly interact with physical therapy program faculty and students, as well as have an opportunity to experience human gross anatomy. Insight into the expansive profession of physical therapy will be gained by the student participants from which a solid foundation will be formed to launch a future career in physical therapy. (UG)

PT 101: Freshman Seminar in Physical Therapy

1 Credit Hour(s)

This course is the first in the sequence of two courses designed to introduce students to the physical therapy profession and to the professional phase of the physical therapy curriculum. Students will be introduced to the history of the physical therapy profession, scope of practice, professional organizations, roles of other health care professionals, and the importance of scientific research and its link to the concept of evidence-based practice. Concepts related to managed care and the changing healthcare environment will be explored as they relate to the health care professional and consumer. Additionally, issues of contemporary practice will be discussed and debated. Prerequisites: PT Freshmen status or permission of PT Department. (UG)

PT 201: Sophomore Seminar in Physical Therapy

1 Credit Hour(s)

This course is the second in a sequence of two courses designed to introduce students to the professional phase of the physical therapy curriculum and the profession. Topics will include principles of therapeutic communication, ethics and core values, sociocultural issues and cultural fluency in health care delivery, issues in professional continuing education in a dynamic profession, computer literacy in physical therapy, and an introduction to medical terminology and documentation formats in physical therapy. PT 101 or permission of PT Department. (UG)

PT 205: Medical Terminology

1 Credit Hour(s)

This course is designed to introduce students to medical terminology used in physical therapy practice, communication with other health care providers, and documentation of medical information. The content will cover abbreviations, definitions, and use of medical terminology. Information will be organized in a systems-based approach. Offered in summer only for direct entry applicants with permission of department. (UG)

PT 300: Introduction to Physical Therapy

2 Credit Hour(s)

This course is designed to introduce students to the physical therapy profession and to the professional phase of the physical therapy (PT) curriculum. Students will be introduced to the history of the PT profession, scope of PT practice, professional organizations, roles of other health care professionals, therapeutic communication, standards of practice including ethics and core values, principles of teaching in relation to patients, caregivers, and society, and cross-cultural issues that may impact healthcare and/or the patient-PT relationship. There may be additional issues related to contemporary practice of PT and use of evidence to support clinical decisions. Prerequisite: Enrollment in the Fall DPT Profressional Phase coursework. Offered in summer only for direct entry applicants with permission of department (UG)

PT 312: Principles of Teaching and Learning

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Together with CMP 315, Advanced Composition for Health Professionals, combination of both courses meets Research & Presentation requirement. This course will focus on the principles of teaching and learning relevant to the role of the physical therapist as an educator addressing the changing needs of the learner across the lifespan. We will begin with an exploration of the role of education in health care including its historical evolution, and associated ethical, legal, and economic issues. Topics will include theoretical models of adult learning styles, adult learning theories, cognitive development, and taxonomies of educational objectives. Principles of teaching and learning will be applied in the affective, cognitive, and psychomotor domains. As the course progresses, we will explore characteristics of the learner including assessment of the learner's needs across the lifespan, and contextual factors that influence the process of learning including adherence, empowerment, and motivation. Cross-cultural issues broadly defined that affect the teaching and learning process will be discussed including access to healthcare, age, culture, disability, family, gender, poverty, religion, and socio-economic status. Throughout this, course students will formally and informally present content to their peers affording the opportunity for application of course content, practice, and feedback. The final course presentation is evidence-based and draws on work completed in CMP 315 and fulfills the presentation component of the core requirement for Research and Presentation within the Physical Therapy curriculum. Together with CMP 315, fulfills the Research and Presentation requirement. (UG)

PT 501: Applied Biostatistics

3 Credit Hour(s)

Students will develop an understanding of the principles and applications of parametric and nonparametric statistics, particularly with respect to applications in physical therapy. Topics will include: probability, scales of measurement, reliability and validity, sampling techniques, experimental design and hypothesis development (statistical inference), descriptive statistics, parametric and nonparametric tests of significance, correlation, and regression. Selection of appropriate statistical procedures will be presented with reference to principles of experimental design presented in PT 553 Introduction to Clinical Research Design. Students will use both calculators and computer software (SPSS, Excel) for analyzing data and developing graphic representations. Prerequisites: PT Second Year Spring professional status or permission of PT Department. (GR)

PT 504: Clinical Functional Anatomy I

3 Credit Hour(s)

This course will build upon the fundamental embryology, histology, and gross anatomical structure acquired in General Anatomy (BIO 330/L). This course, the first of two clinically-oriented functional anatomy courses, will focus on the detailed structure and function of the human neuromusculoskeletal system. It will concentrate on the relationships of normal and abnormal embryological and developmental processes to gross anatomical structure, and the relationships of normal and abnormal anatomical structure to movement and function across the lifespan. Specific anatomical content will be presented on a regional basis and will include the back, head, neck, shoulder girdle, upper extremity, and thorax. Various teaching/learning methods will be used including lecture utilizing 3D anatomical software, laboratory, and demonstrations. Laboratory sessions will allow students to acquire a three-dimensional macroscopic appreciation of anatomical structure through human cadaver dissection guided by instructor's online video demonstrations, cadaver prosections, and study of models. Prerequisite: PT First Year Fall professional status or permission of PT Department. (GR)

PT 504L: Clinical Functional Anatomy I Lab

0 Credit Hour(s)

Laboratory techniques for Clinical Functional Anatomy. Required corequisite: PT 504. (GR)

PT 505: Clinical Functional Anatomy II Lecture

2 Credit Hour(s)

This course will build upon the fundamental content acquired in General Anatomy (BIO 330) and Clinical Functional Anatomy I (PT504). This course is the second of two clinically oriented functional anatomy courses that will focus on the detailed structure and function of the human neuromusculoskeletal system, specifically the lower extremity and cavities. Lecture is one hour per week and lab sessions are two hours per week. Various teaching/learning methods will be used including lecture utilizing 3D anatomical software, laboratory, and demonstrations. Laboratory sessions will allow students to acquire a three-dimensional macroscopic appreciation of anatomical structure through human cadaver dissection guided by iPad video demonstrations, cadaver prosections, and study of models. Prerequisites: PT 504 and PT First Year Spring professional status or permission of PT Department. (GR)

PT 505L: Clinical Functional Anatomy II Laboratory

0 Credit Hour(s)

Laboratory techniques for Clinical Functional Anatomy II. Corequisite: PT 505. (GR)

PT 506: Kinesiology and Biomechanics I

3 Credit Hour(s)

This lecture/laboratory course will introduce and emphasize the principles of kinesiology, tissue mechanics and biomechanics of the cervical, temporomandibular, thoracic, and upper extremity joints and their related soft tissues. The clinical application of these principles will be reinforced through both static and dynamic analyses of regional human movement and posture. Kinetic and kinematic analysis of movement of these regions will be explored using such tools as dynamometry and video motion analysis. This course content will be synthesized with the foundations of anatomical structure and physiology presented in PT 504/L; Clinical Functional Anatomy I and PT 508/L; Physiology of Exercise. This integration of anatomical and physiological foundations will aid the learner in proper examination and evaluation of the quality, efficiency, and safety of upper quarter movement patterns and functional task performance. An emphasis will be placed on the analysis and discussion of the mechanical properties of tissues and their respective responses to stress shielding and stress application. Lectures will provide an in-depth study of the biomechanics of the cervical and thoracic spines, temporomandibular joint and upper extemities. The students will analyze forces affecting arthrokinematics and osteokinematics of these respective regions and relate those to whole body and regional mobility and stability by way of clinical application. Laboratories will promote development of skills in critical analysis and examination and evaluation of typical and atypical movement. The student will then develop skill in the application of both kinetic and kinematic biomechanical analysis and begin to foster consideration of biomechanical principles in the design of reliable and valid upper quarter examination procedures and efficacious intervention strategies and parameters. Prerequisite: PT First Year Fall professional status or permission of PT Department. (GR)

PT 506L: Kinesiology and Biomechanics I Lab

0 Credit Hour(s)

Laboratory techniques for Kinesiology & Biomechanics I. Required corequisite: PT 506. (GR)

PT 507: Kinesiology & Biomechanics II Lecture

2 Credit Hour(s)

This lecture/laboratory course will focus on the principles of kinesiology, tissue mechanics and biomechanics as they relate to the lower extremity, pelvis, and lumbar spine. The clinical application of these principles will be reinforced through both static and dynamic analyses of regional human movement and posture. Kinetic and kinematic analysis of movement of these regions will be explored using video and observational motion analyses. This course content will be synthesized with the foundations of anatomical structure, physiology and kinesiology presented in PT 504 & 505; Clinical Functional Anatomy I & II and PT 508; Physiology of Exercise; and PT 506 Kinesiology and Biomechanics I. This integration of anatomical, physiological, and kinesiological foundations will aid the learner in proper evaluation of the quality, efficiency, and safety of lower quarter movement patterns and functional task performance such as in-depth gait analysis. Lectures will provide an in-depth study of the biomechanics of the lumbar spine, pelvis, and lower extremities. The students will analyze forces affecting arthrokinematics and osteokinematics of these respective regions and relate those to whole body and regional mobility and stability by way of clinical application. Laboratories will promote further development of skills in critical analysis and evaluation of typical and atypical movement, the application of both kinetic and kinematic biomechanical analysis and begin to foster consideration of biomechanical principles in the design of reliable and valid lower quarter examination procedures and efficacious intervention strategies and parameters. Prerequisite: PT First Year Spring professional status or permission of PT Department. (GR)

PT 507L: Kinesiology and Biomechanics II Laboratory

0 Credit Hour(s)

Laboratory techniques for Kinesiology & Biomechanics II. Corequisite: PT 507. (GR)

PT 508: Physiology of Exercise

3 Credit Hour(s)

This foundational science course introduces and emphasizes the concepts and knowledge of the body's physiological response to exercise, overuse, and disuse. Lectures and laboratory experiences focus on the structural and physiological effects of exercise and establish a knowledge base for the future clinician to develop and critically assess neuromusculoskeletal exercise prescription and cardiopulmonary intervention programs. Prerequisite: PT First Year Fall professional status or permission of PT Department. (GR)

PT 508L: Physiology of Exercise Lab

0 Credit Hour(s)

Laboratory techniques for Physiology of Exercise. Corequisite: PT 508. (GR)

PT 509: Principles and Applications of Physical Agents Lecture

3 Credit Hour(s)

This lecture/laboratory course will introduce and emphasize the physiologic effects of electromagnetic and acoustic energy on human tissue. The clinical application of these principles will be reinforced through laboratory practical experiences as well as clinical case studies. This course content will be synthesized with the foundations of anatomical structure and physiology presented in PT 504/L Clinical Functional Anatomy I, PT 505/L Clinical Functional Anatomy II, PT 514/L Musculoskeletal Rehabilitation I, and PT 515/L Musculoskeletal Rehabilitation II. This integration of anatomic and physiological foundations will aid the learner in decision making with regard to application of appropriate physical agents. An emphasis will be placed on therapeutic modalities. Lectures will provide an in-depth study of the science of pain neurophysiology and management, therapeutic modalities and interventions. Students will differentiate between the thermal, acoustic, mechanical, and electrical modalities commonly utilized in the clinic. Laboratories will promote development of psychomotor skills and demonstrate mastery in the safe application of therapeutic modalities. Students will develop consideration of the application of physical agents within treatment strategies that are based upon evidence in practice. Prerequisite: PT First Year Spring professional status or permission of PT Department. (GR)

PT 509L: Principles and Applications of Physical Agents Laboratory

0 Credit Hour(s)

Laboratory techniques for Principles and Applications of Physical Agents. Corequisite: PT 509. (GR)

PT 511: Foundations of Neuromuscular Rehabilitation

4 Credit Hour(s)

This course is the first in a three part series which will apply the conceptual framework of physical therapy management to patients/clients with neuromuscular rehabilitative needs. This course will introduce conceptual models/frameworks and foundational principles and theories of motor control and motor learning. Clinical management of neuromuscular-based movement disorders across the lifespan will be introduced within the context of the elements of physical therapy practice and patient/client management. Anatomy, functional neuroanatomy, physiology and clinical medicine from other course work will be linked to course discussions. Theoretical approaches across examination and intervention will be presented with an emphasis on movement system and task analysis to inform clinical decision making. Course content will include application of adaptive and therapeutic equipment; ethical behaviors, interprofessional collaboration; delegation / supervision, and documentation to neuromuscular disorders across the lifespan. Laboratory sessions will promote development of skill in examination and intervention techniques that will be applied to simulated cases to inform clinical decision making relative to movement disorders across the lifespan. Prerequisite: PT Second Year Fall professional status or permission of PT Department. (GR) (GR)

PT 511L: Foundations of Neuromuscular Rehabilitation Lab

0 Credit Hour(s)

Laboratory techniques for Foundations of Neuromuscular Rehabilitation. Corequisite: PT 511. (GR) (GR)

PT 512: Movement Across the Lifespan

2 Credit Hour(s)

This course provides a foundation for understanding human motor development and movement from birth through end of life. Theories and principles of motor development, as it relates to human motor performance across the lifespan, will be integrated throughout the course. This course will begin with an in-depth study of human motor development from a lifespan perspective, with an emphasis on a structured analysis of movement, postural control, and development of typical skill acquisition. Emphasis will be placed on the physical, cognitive, and psychosocial aspects of typical human motor development across the lifespan in the context of physical therapy practice. Course content will examine the factors that affect quality of life in later years. The physiological and psychological aspects of aging will be discussed, highlighting changes across multiple body systems that interact to enhance and impede the aging process. The course will emphasize conceptual frameworks, such as the International Classification of Functioning, Disability, and Health (ICF), as well as pediatric and geriatric competencies in entry level education, to inform clinical reasoning and decision making. Opportunities for experiential learning and exploration of movement across the lifespan will be provided through observations, reflective assignments, and critical thinking activities. Prerequisite: PT Second Year Fall professional status or permission of PT Department. (GR) (GR)

PT 513: Adult Neuromuscular Rehabilitation

4 Credit Hour(s)

This course is the second in a three part series which will apply the conceptual framework of physical therapy management to patients/clients with neuromuscular rehabilitative needs. This course will utilize the conceptual models/frameworks and reinforce foundational principles and theories presented in PT 5XX/L. Clinical management of adult onset neuromuscular-based movement disorders will be introduced and emphasized within the context of the elements of physical therapy practice and patient/client management. Anatomy, functional neuroanatomy, physiology and clinical medicine from previous course work will be linked to discussions of each disorder. Theoretical approaches across examination and intervention presented in PT 513/L will be applied to each diagnosis and integrated with diagnosis specific tests, measures and interventions, with an emphasis on evidence-based practice and clinical decision making. Course content will include expanded discussion and application of adaptive and therapeutic equipment; ethical behaviors, interprofessional collaboration; delegation / supervision, and documentation to those with adult onset neuromuscular disorders. Laboratory sessions will promote development of skill in the application of examination and intervention techniques and clinical decision-making using simulated cases. Prerequisite: PT Second Year Fall professional status or permission of PT Department. (GR) (GR)

PT 513L: Adult Neuromuscular Rehabilitation Lab

0 Credit Hour(s)

Laboratory techniques for Adult Neuromuscular Rehabilitation. Corequisite: PT 513. (GR) (GR)

PT 514: Musculoskeletal Rehabilitation I

5 Credit Hour(s)

This lecture/laboratory course is the first in a three part series, which will introduce the concepts of musculoskeletal examination, evaluation, and intervention strategies of the cervical spine, thoracic spine, upper extremities, and associated structures. This course will further promote development of knowledge in differentiating musculoskeletal dysfunctions/disorders in the regions noted. Students will further develop and synthesize the concepts of decision making and critical thinking in evidence-based practice and professionalism with topics including communication, ethical behavior, professional organization, collaborative/team practice and scope of practice. Additionally, the use of the International Classification of Functioning, Disability and Health (ICF) will be used to describe a patient/client's impairments, activity and participation limitations. Treatment concepts and techniques will be presented and applied in a conceptual framework emphasizing functional restoration. Laboratories will promote development of skill in the application of examination and intervention techniques discussed in lecture. Techniques will be discussed and practiced in the context of clinical problems. Students will have the opportunity to critically evaluate examination findings via paper cases to build differential diagnosis and problem solving skills. Prerequisite: PT First Year Fall professional status or permission of PT Department. (GR)

PT 514L: Musculoskeletal Rehabilitation I Lab

0 Credit Hour(s)

Laboratory techniques for Musculoskeletal Rehabilitation I. Corequisite: PT 514. (GR)

PT 515: Musculoskeletal Rehabilitation II Lecture

5 Credit Hour(s)

This lecture/laboratory course is the second in a three part series, which will further investigate concepts of musculoskeletal examination and evaluation and will promote development of knowledge in differentiating musculoskeletal dysfunctions/disorders of the ankle/foot, knee, hip, lumbar spine, pelvis, and their associated structures. Treatment philosophies and techniques (e.g. structure mobilization and stabilization) will be explored and applied in a conceptual framework emphasizing functional restoration. Additionally, the use of the International Classification of Functioning, Disability and Health (ICF) will be used to describe a patient/client's impairments, activity limitations and participation restrictions. Basic care procedures will be presented including wheelchair parts and propulsion, transfer training, gait training, and environmental assessment and modification. In addition, a specialty area of aquatic therapy will be explored. Laboratories will promote development of skill in the application of examination and intervention techniques discussed in lecture. Techniques will be presented and practiced in the context of clinical problems. Students will have the opportunity to critically evaluate examination findings via paper cases to build differential diagnosing and problem solving skills. Students will participate in clinical observations and patient demonstrations in Clinical Exposure to continue their hands-on experience with patients and to further develop patient-therapist and professional communication skills. Prerequisite: PT First Year Spring professional status or permission of PT Department. (GR)

PT 515L: Musculoskeletal Rehabilitation II Laboratory

0 Credit Hour(s)

Laboratory techniques for Musculoskeletal Rehabilitation II. Corequisite: PT 515. (GR)

PT 516: Clinical Problem Solving in Musculoskeletal Rehabilitation

2 Credit Hour(s)

This course is the third course in a three part series which will provide students an opportunity to further explore topics in musculoskeletal rehabilitation through a problem based learning format. This course will have distinct but related units to promote and enhance further proficiency in musculoskeletal rehabilitation patient/client management. The student will have an opportunity to engage in both the cognitive and psychomotor domains of learning for thrust and non-thrust manipulation of the spine and extremities. Discussion of manipulation theory and current best evidence will be explored. Laboratory will be utilized to present, practice, and refine technique in spinal and extremity thrust and non-thrust manipulation using a case based model approach. Paper cases will be analyzed to further enhance differential diagnosis skills. Examination, evaluation, diagnosis, prognosis, and intervention strategies will be explored using current best evidence. Students will present a patient case from their summer clinical internship (PT 577) to allow the student learner further opportunity to critically think and problem solve as it relates to a patient with musculoskeletal pathology. Ideally, the patient selection would allow for further inquiry into examination, evaluation, diagnosis, prognosis, and intervention. To allow for maturation in critical thinking, the selection might include a challenging patient to examine, evaluate and treat with questionable positive outcomes. Students will be given carefully constructed musculoskeletal case studies not presented in Musculoskeletal Rehabilitation I or II (PT 514/PT 515). Through these case studies, students will focus on knowledge and skills associated with examination and intervention in a higher order thinking manner. These cases will also highlight social/cultural/psychosocial issues, legal and ethical aspects of professional behavior, and integration of published literature into clinical practice. Prerequisite: PT Second Year Fall professional status or permission of PT Department. (GR)

PT 517: Clinical Medicine I

1-3 Credit Hour(s)

This course is the first in a three-part clinical medicine series. It is designed to challenge the student to evaluate the knowledge of basic clinical presentations associated with musculoskeletal pathology as a foundation for direct patient care and research. Key topics characteristic of common orthopedic pathologies will be addressed, including etiology; epidemiology; underlying pathophysiology; clinical signs and symptoms related to impairments of body structure, activity limitations, and participation restrictions; natural history and prognosis; diagnostic medical procedures; differential diagnosis; medical, pharmacologic and surgical management; and expected outcomes. Differential diagnosis related to musculoskeletal pathology will be emphasized. Content presented will encompass pathologies observed across the lifespan. Prerequisite: PT First Year Fall professional status or permission of PT Department. (GR)

PT 518: Differential Diagnosis and Medical Screening

2 Credit Hour(s)

This course will provide students an opportunity to explore topics in differential diagnosis and medical screening across multiple physical therapy clinical practice settings. This course is intended to prepare the student physical therapist as a primary care physical therapist within a collaborative medical model. Medical pathology, examination, differential screening, and pharmacology of the musculoskeletal, neuromuscular, endocrine, gastrointestinal, integumentary, and urogenital disorders will be discussed in the context of implications in physical therapy examination and treatment. Differential screening of system pathology, including physical screening, laboratory tests, and pharmacological intervention will be addressed. The topics will be presented from the perspective of differential screening to assist with identifying medical problems and determining when to refer a patient to a physician. The student will have an opportunity to engage in both the cognitive and psychomotor domains of learning for medical screening. Laboratory will be used to present, practice, and refine screening techniques of the following regions/systems: abdomen, head and neck, integument, and cardiopulmonary. Students will be instructed how to effectively integrate advanced interviewing, observational, and physical assessment skills to analyze client signs & symptoms for the purpose of discerning whether the patient should be classified for treatment without referral, treatment with concurrent referral, or be immediately referred to the proper healthcare provider. Prerequisite: PT First-Year Spring Professional Program Status (GR)

PT 519: Pediatric Rehabilitation

4 Credit Hour(s)

This course provides foundational knowledge to prepare students to engage in effective clinical management of patients with pediatric onset musculoskeletal and neuromuscular disorders. Students will build upon concepts of typical development to apply conceptual frameworks of the International Classification of Function and Guide to PT practice, for children with pediatric musculoskeletal and neuromuscular diagnoses. Musculoskeletal and neuromuscular based pediatric movement disorders will be introduced and emphasized within the context of the elements of physical therapy practice and patient/client management from examination through contemporary intervention and outcome analysis. Students will incorporate analysis of movement and identification of underlying impairments that lead to functional activity limitations and participation restrictions for children with a variety of musculoskeletal and neuromuscular diagnoses. Philosophical approaches that include aspects of parent and child as teacher, awareness of cultural diversity and humility, and evidence informed clinical decision making in the context of pediatric patient management, will be reinforced. Collaborative medical management through pharmacological, surgical, and assistive technology interventions will be discussed. Emphasis will be placed on empowering children and caregivers to maximize function from childhood through late adolescence. Course content will reinforce the development of professional and ethical behaviors, the scope of physical therapy practice, collaborative practice models, therapeutic communication skills, and documentation. Laboratory sessions will promote the development of skill in the application of pediatric specific examination and intervention techniques discussed in lecture to case scenarios. Prerequisite: PT Second Year Fall professional status or permission of PT Department. (GR) (GR)

PT 519L: Pediatric Rehabilitation Lab

0 Credit Hour(s)

Laboratory techniques for Pediatric Neuromuscular Rehabilitation. Corequisite: PT 519. (GR) (GR)

PT 521: Prosthetics and Orthotics

2 Credit Hour(s)

This lecture and laboratory based course is designed to increase the student's understanding of prosthetics and orthotics and the ability of the student to integrate use of these devices appropriately into clinical practice. Principles of prosthetic and orthotic design, function, and fabrication will be discussed. Clinical problem solving for prosthetic and orthotic prescription will be addressed based on examination findings and best evidence in order to optimize function for the patient/client. Pre-prosthetic as well as prosthetic training will be emphasized. Use of orthoses in management of individuals receiving physical therapy will be integrated with knowledge from previous courses in the musculoskeletal and neuromuscular areas of rehabilitation. Prerequisite: PT Second Year Spring professional status or permission of PT Department. (GR)

PT 521L: Prosthetics and Orthotics Lab

0 Credit Hour(s)

Laboratory techniques for Prosthetics and Orthotics. Corequisite: PT 521. (GR)

PT 530: Psychosocial Aspects of Health and Disability

3 Credit Hour(s)

This course applies biopsychosocial models of health, illness, and disability, including psychosocial aspects of disability; social attitudes and perceptions; adjustment to and secondary effects of disability. This course will develop student competence in responding to individuals who are experiencing physical and psychiatric problems. This course is designed for Physical Therapy students to be taken in the professional phase of the curriculum. Students will have had exposure to patients with musculoskeletal and neurological disorders and will therefore be able to consider the issues addressed in the course in the context of specific illnesses and/or disabilities relating to these body systems. Through readings, guest speakers, video, and community experiences, and in class discussions, this course is intended to challenge your paradigm of how you have perceived both physical and psychiatric disability. Discussions on quality of life, self-help, and recovery are intended to help you develop and sustain your professional relationships with the individuals with whom you may assist in their recovery. As this course is intended to help you understand and respond with comfort to individuals who are experiencing physical and mental health problems, you will have the opportunity to discuss various psychosocial issues that you have experienced personally, in your clinical exposure courses, internships and/or other settings, and using case studies towards a better understanding of how you might more effectively communicate and manage various challenges in the clinical setting. Prerequisites: PSY 103; PT Second Year Spring professional status or permission of PT Department. (GR)

PT 532: Motor Control and Motor Learning

2 Credit Hour(s)

This course explores conceptual issues in motor control and motor learning that form an important theoretical foundation for the practice of evidence-based physical therapy. Students will examine historical and contemporary theories of motor control, postural control, information processing and motor learning, as frameworks for understanding goal-directed, functional movement. The interconnection of information processing, attention, memory and motor learning in the development and application of motor control and postural control will be emphasized. We will also explore theories of motor control, motor learning and postural control as explanatory models for changes in movement capabilities across the lifespan. Potential constraints to these processes will be explored through examination of functional changes associated with movement system dysfunction. Prerequisites: PT Second Year Fall professional status or permission of PT Department. (GR)

PT 539: Cardiopulmonary Rehabilitation

3 Credit Hour(s)

This lecture and laboratory course will address the diversified issues of clinical management of patient/client with primary and/or secondary cardiovascular and pulmonary dysfunction within the context of Physical Therapy. Topics will include practice setting specific management principles and therapeutic techniques to address primary and secondary impairments of the cardiovascular and pulmonary systems, as well as prevention of dysfunction in individuals across their lifespan. Topics to be discussed include Chronic Obstructive Lung Dysfunction, Restrictive Lung Dysfunction, Heart Failure, Cardiac Muscle Dysfunction, the post-surgical patient, the patient post-trauma, the patient who survives critical illness, and the patient with cancer. Prerequisites: Enrollment in the 3rd year of DPT program or by permission of the instructor. (GR)

PT 539L: Cardiopulmonary Rehabilitation Lab

0 Credit Hour(s)

Laboratory techniques for Cardiopulmonary Rehabilitation. Corequisite: PT 539. (GR)

PT 541: Neurobiology I

2 Credit Hour(s)

This course is the first of a two-semester course sequence in neurobiology. It is designed to introduce students to broad neural principles and to the general organization of the nervous system. We will integrate experimentally and clinically derived knowledge (via case applications), as well as present insights and techniques from the many disciplines and levels of analysis that converge to explain the current anatomy and function of the human nervous system. Emphasis in this course is placed on the properties of neurons and principles of neurobiology covered in topics, including: neurodevelopment, communication within and between neurons, formation of neural circuits, neural plasticity, and neural regeneration. Prerequisites: PT first year professional status (GR)

PT 542: Neurobiology II

4 Credit Hour(s)

This is the second semester of a two-semester course in neurobiology through which you will develop a detailed knowledge of functional neuroanatomy of the central nervous system. General topics we will cover include: sensory systems; reflexive, voluntary, and modulated movement and postural control; spinal and cranial nerve anatomy and clinical examination; association cortex and its relationship to cognitive ability, emotion and memory; and the association between plasticity and recovery of function. We will integrate clinical knowledge and insights and techniques from the many scientific disciplines that converge to explain the current anatomy and function of the human nervous system as well as their contributions to applied practice. We will consider neurodegenerative disease and trauma and put into functional context several commonly used medications utilized for the management of several neurologic impairments. Gross and microscopic anatomy, myelin-stained sections, and neurodiagnostic images of damaged brain and spinal cord sections will be studied in clinical and anatomical context during laboratory sessions. Case studies will be used extensively in the laboratory sessions to develop analytical skills, to develop an essential knowledge base for neurologic diagnosis, and to promote continued development of skills in neuroanatomical identification. Prerequisite: PT Second Year Fall professional status or permission of PT Department. (GR)

PT 542L: Neurobiology II Lab

0 Credit Hour(s)

Laboratory techniques for Neurobiology II. (GR)

PT 546: Clinical Medicine II

3 Credit Hour(s)

This course is the second in a three part clinical medicine series. It is designed to challenge the student to evaluate the knowledge of clinical presentations associated with the neuromuscular system as a foundation for direct patient/client care and research. Key topics characteristic of common neuromuscular pathologies will be addressed, including etiology; epidemiology; underlying pathophysiology and histology; clinical signs and symptoms related impairments, activity and participation limitations; natural history and prognosis; diagnostic medical procedures; differential diagnosis; medical, pharmacological and surgical management; and expected outcomes. Differential diagnosis related to neuromuscular pathology will be emphasized and applied to determine appropriateness of physical therapy intervention. Content presented will encompass pathologies observed across the lifespan. Prerequisites: PT Second Year Fall professional status or permission of PT Department. (GR)

PT 548: Integumentary Care

3 Credit Hour(s)

The purpose of this course is to introduce the student to the skin and its appendages as they relate to wound etiology, evaluation, treatment, and prevention. The student will explore the anatomical and physiological processes associated with tissue destruction, repair, and remodeling as they relate to specific cause and effect using the wound healing model as the principle pillar of exploration. This course will address the diversified issues of clinical management of the individual with a primary and/or secondary integumentary disorder as they relate to the practice of physical therapy. Topics will include practice setting specific management principles and techniques as they relate to individuals across their lifespan, with disorders of the integumentary system including, but not limited to: burns, pressure ulcers, arterial and venous stasis disorders, neuropathic lesions, dermatitis, and cellulitis. The student will acquire skills within a theoretical and practical spectrum as it relates to clinical management, environmental constraints, and critical pathways. Prerequisite: PT Third Year Fall professional status or permission of PT Department. (GR)

PT 549: Clinical Medicine III

2 Credit Hour(s)

This course is the final in the three part clinical medicine series. It is designed to challenge the student to evaluate the knowledge of clinical presentations associated with cardiovascular and pulmonary systems, as well as general medicine topics including gastrointestinal, urogenital, metabolic, and oncologic pathologies, as a foundation for direct patient care and research. Key topics characteristic of the pathologies will be addressed, including etiology; epidemiology; underlying pathophysiology and histology; clinical signs and symptoms related to impairments, activity and participation limitations, natural history and prognosis; diagnostic medical procedures; differential diagnosis; medical, pharmacological and surgical management; and expected outcomes. Differential diagnosis related to these pathologies will be emphasized and applied to determine appropriateness of physical therapy intervention. Content presented will encompass pathologies observed across the life span. Prerequisite: PT Third Year Fall professional status or permission of PT Department. (GR)

PT 551: Integrative Seminar in Physical Therapy

0 Credit Hour(s)

PT 551 (I-IV) and PT 651 (V) Integrative Seminars focus on the integration of all corresponding courses within each semester of the curriculum. These sessions will act as forums within which the student learner will have the opportunity to conceptualize each aspect of rehabilitation and build them into an overall framework of patient/client care. Each session will generally have a theme of interest such that students can build upon their level of understanding of that material as well as experience, appreciate and value the complexity of the entire process. These forums are designed to act as learning communities to promote independent critical thinking and independent thought while assisting in preparing each student for all lecture, laboratory and clinical exposure components of the semester coursework. Prerequisite: PT professional status (corresponding Fall/Spring semesters) in First through Third years. (GR)

PT 553: Introduction to Clinical Research Design

1 Credit Hour(s)

In this one-credit course students will explore the role of clinical research in supporting clinical decision-making and evidence-based practice. Students will explore the continuum of research methodologies and designs commonly used in clinical research (i.e. descriptive to randomized controlled trials); and they will evaluate the merit and relevance of published research to the practice of physical therapy. Ethical issues in clinical research will be considered including the role of institutional review boards and the requirements of informed consent. Students will lead discussions of research papers, considering key concepts such as sampling, experimental controls, levels of measurement, sensitivity, specificity, reliability and validity. As the semester progresses, groups of students will write a research question (or questions) that they will form from a topic of their interest. They will search the published literature, create a literature table, and present their findings to their research question. The culmination of the student's research will be a platform presentation. Prerequisites: PT Second Year Fall professional status or permission of PT Department. (GR)

PT 554: Clinical Research I

2 Credit Hour(s)

This course continues the work begun in PT 553 to develop the skills necessary to contribute to clinical research related to physical therapy. While working in small groups, students in this course will continue to build on the area of inquiry established in PT 553 which included articulation of a research question and a preliminary evidence-based literature review. This semester each group of students will work as participants in the faculty mentor's research. Groups will meet regularly throughout the semester with the faculty mentor for discussion of key issues related to the research process including analysis and synthesis of the research literature, experimental design, methodology, data analysis, etc. Each group will construct a research proposal that meets all the criteria for submission to the Daemen University Institutional Review Board - Human Subjects Research (IRB). A written comprehensive evidence-based literature review table, references and introduction section of the final manuscript will be submitted by each group reflecting the semester's work. Students are also expected to participate collaboratively in data collection and analysis across the Spring/Fall PT 554/PT555 course sequence. Prerequisites: PT Second Year Spring professional status or permission of PT Department. (GR)

PT 555: Clinical Research II

2 Credit Hour(s)

During this semester the student will execute the research investigation designed in PT 554. It is expected that the student in conjunction with the research mentor and peers will have completed a research proposal and will have submitted that proposal to the Daemen University Institutional Review Board - Human Subjects Research (IRB). Following approval by the IRB as appropriate and working closely with the research mentor, the students will collect and analyze data. Students will collaborate with one another on activities across the course. The culmination of the course will be a written research manuscript and a platform presentation at the annual Evidence-Based Practice Clinical Research Symposium open to the Daemen University community, as well as interested individuals from the broader professional community. Prerequisites: PT Third Year Fall professional status or permission of PT Department. (GR)

PT 563: Clinical Exposure I (Musculoskeletal I)

1 Credit Hour(s)

The clinical exposure component of the curriculum consists of five semesters of every other week clinic-based experiential learning sessions. This course is the first in the series across each of the professional phase academic semesters. These sessions are mentored by clinical associated faculty in collaboration with core faculty concurrently teaching the specialty content in the campus-based didactic coursework. These brief, regular exposures to clinical practice allow the student to observe and engage in the practice of physical therapy, further developing cognitive, affective, and psychomotor skills acquired in lecture and laboratory experiences. Small student teams will visit a local clinical facility that provides care to a variety of patient profiles within musculoskeletal rehabilitation. This experience is designed to permit the student to become acclimated to the clinical environment and develop effective patient-therapist communication skills. Students will synthesize knowledge already gained in classroom coursework with practical experience. Prerequisite: PT First Year Fall professional status or permission of PT Department. (GR)

PT 564: Clinical Exposure II (Musculoskeletal II)

1 Credit Hour(s)

The clinical exposure component of the curriculum consists of five semesters of every other week clinic-based experiential learning sessions. This course is the second in the series across each of the professional phase academic semesters. These sessions are mentored by clinical associated faculty in collaboration with core faculty concurrently teaching the specialty content in the campus-based didactic coursework. These brief, regular exposures to clinical practice allow the student to observe and engage in the practice of physical therapy, further developing cognitive, affective, and psychomotor skills acquired in lecture and laboratory experiences. Small student teams will visit a local clinical facility that provides care to a variety of patient profiles within musculoskeletal rehabilitation. This experience is designed to permit the student to become acclimated to the clinical environment and develop effective patient-therapist communication skills. Students will synthesize knowledge already gained in classroom coursework with practical experience. Prerequisite: PT First Year Spring professional status or permission of PT Department. (GR)

PT 565: Clinical Exposure III (Neuromuscular I)

1 Credit Hour(s)

This course is the third in the series of five clinical exposures that are coordinated and mentored by academic faculty currently teaching in the specialty content in the campus-based didactic coursework, and adjunct faculty working in the specialty area. These brief, regular exposures to clinical practice will afford the student, while working in a small team (ranging from 2-5 students), the opportunity to observe and engage in the practice of pediatric physical therapy, further developing cognitive, affective and psychomotor skills acquired in lecture and laboratory experiences. This course is designed to offer the student two different types of learning opportunities. The first learning opportunity of this course consists of observations at identified local clinical facilities that provide care to children and adolescents with a variety of pediatric neuromuscular disorders. This observational experience is designed to afford the student the opportunity to become aware of a variety of pediatric practice settings and clinical diagnoses. The second learning opportunity of this course is designed to provide a patient care experience with an individual who is living with a pediatric onset, neuromuscular-based disorder of posture and movement. These experiences will occur in a small group in an on-campus clinic setting. These sessions are designed to afford the student the opportunity to begin to apply the knowledge gained in the classroom to clinical practice and to further develop effective patient-therapist communication skills with this specialized patient population. Students will synthesize knowledge already gained in classroom coursework with practical experience. Students will discuss and consider issues of individual differences in patient management, professional responsibilities, social/cultural diversity, and documentation of outcome measures, including examination findings, and ongoing intervention. Prerequisite: PT Second Year Fall professional status or permission of PT Department. (GR)

PT 566: Clinical Exposure IV (Neuromuscular II/ Prosthetics and Orthotics)

1 Credit Hour(s)

This course is the fourth in the series of five clinical exposures that are coordinated and mentored by academic and adjunct faculty currently teaching the specialty content in the campus-based didactic coursework. These brief, regular exposures to clinical practice will afford the student, while working in a small team (ranging from 2 to 5 students), the opportunity to observe and engage in the practice of adult neuromuscular rehabilitation and geriatric physical therapy and further develop cognitive, affective and psychomotor skills acquired in lecture and laboratory experiences. This course is designed to offer the student two different types of learning opportunities. The first learning opportunity consists of the student visiting, virtually and/or in person, local clinical facilities that provide care to adults with a variety of neuromuscular disorders and age-related disorders. This observational experience is designed to afford the student the opportunity to become aware of a variety of practice settings and clinical diagnoses. The second learning opportunity in this course will occur on the Daemen College campus and will provide the student the opportunity to gain direct 'hands-on' care experience with a patient. The clinical environment, which will be created on campus, will allow the student to further develop effective patient-therapist communication skills with this patient population. Students will synthesize knowledge already gained in classroom coursework with practical experience. Students will discuss and consider issues of individual differences in patient management, professional responsibility, social/cultural diversity, and documentation of outcome measures, including examination results and ongoing intervention. Prerequisite: PT Second Year Spring professional status or permission of PT Department. (GR)

PT 567: Clinical Exposure V (Cardiopulmonary/ Integumentary)

1 Credit Hour(s)

This course is the last in the series of clinic-based experiential learning sessions that are coordinated and mentored by academic faculty. These regular exposures to clinical practice allow the student to further engage in the practice of physical therapy and other related fields, further developing cognitive, affective and psychomotor skills acquired in lecture and laboratory experiences. Students will be exposed to several different clinical environments including cardiopulmonary rehabilitation, integumentary wound care, trauma unit, wellness and health promotion, and holistic health. Students will discuss and consider issues of quality of care, scope of practice, clinical guidelines, documentation, and reimbursement. Prerequisite: PT Third Year Fall professional status or permission of PT Department. (GR)

PT 575: Pre-Clinical Seminar

1 Credit Hour(s)

This seminar format course is designed to prepare the student for his/her clinical internship experiences. Professional aspects of physical therapy will be stressed in this seminar. We will also incorporate design and implementation of the student's clinical education experiences at Daemen are also incorporated into this seminar course. The student will be introduced to essential information pertaining to clinical performance. The evaluation tool, the Clinical Performance Instrument, will be thoroughly examined. Emphasis will be placed on reinforcement of communication skills essential to professionals in the healthcare environment. Learning experiences will also focus on the following professional areas: professional and educational expectations; communication and professional behavior, ethical and legal standards; HIPAA regulations; cultural considerations in patient management; alternative models in clinical education; infection control and blood borne pathogens; universal precautions; OSHA regulations. Prerequisite: PT First Year Fall professional status or permission of PT Department. (GR)

PT 577: Clinical Internship I

3 Credit Hour(s)

This is a nine (9) week full-time clinical internship designed to develop skills deemed appropriate for entry-level physical therapy practice. Those skills include but are not limited to examination, evaluation, diagnosis, prognosis, and intervention. To accomplish this, students will participate in direct patient care that may include gait training, transfer training, assessment and measurement, intervention and patient education. Integration of the previous semester academic curriculum will be the focus of the clinical internship. The facilities utilized for the internship will focus on musculoskeletal or orthopedic patient care. Prerequisites: PT Second Year professional status and Grade of C or better in all PT coursework. (GR)

PT 582: Clinical Internship II

3 Credit Hour(s)

This is a nine (9) week full-time clinical internship designed to further enhance the student's patient/client management skills. The focus of this internship will be the management of patients/clients with neuromuscular disorders, incorporating information and skills acquired in the previous academic semesters. The facilities utilized for the internship will focus on neurorehabilitation of any age group. Prerequisites: PT Third Year professional status and Grade of C or better in all required PT course work. (GR)

PT 600: Clinical Problem Solving in Neuromuscular Rehabilitation

2 Credit Hour(s)

This course is the third in a three part series of neuromuscular coursework which will advance student proficiency in neuromuscular rehabilitation and promote the development of clinical reasoning, clinical problem-solving, and collaborative skills, as well as skills in self-assessment and independent learning. Throughout the course students will work independently or collaboratively in small groups with faculty mentors through a variety of directed learning experiences and patient/client case studies. The students will be required to interpret and analyze the information provided; gather additional information as necessary from reading and discussions of current scientific professional literature; and to synthesize and present coherent, evidence-based arguments addressing the specific goals of each learning experience or case study. The faculty mentors will facilitate student discussions and psychomotor activities. Objectives associated with each learning activity focus on knowledge and skills associated with all elements of physical therapy patient/client management, as well as, integration of published literature into clinical practice and contemporary practice issues including but not limited to social/cultural/psychosocial issues; legal and ethical aspects of professional behavior; discharge planning (including home/environmental needs, HEP); prognosis; practice issues (i.e. management of a collaborative care plan, supervision, constraints to practice); wellness and prevention; and accessing resources to facilitate patient care. Prerequisite: PT Third Year Fall professional status or permission of PT Department. (GR)

PT 606: Rehabilitation of the Patient With Spinal Cord Injury

1 Credit Hour(s)

This lecture/laboratory course will apply the conceptual framework of physical therapy management to patients/clients who have spinal cord injury during the acute, sub acute and long-term phases of care. Comprehensive exploration of the elements of physical therapy practice and patient/client management for patients/clients of all ages will be emphasized. Students are required to integrate and apply all previous academic/clinical knowledge with regard to musculoskeletal, neuromuscular, cardiopulmonary, and integumentary management, as well as application of environmental assessment/modification and assistive technology to enhance function, physical agents, and patient/caregiver education. Current scientific professional literature, integration of other systems, as well as critical thinking and decision making experiences for problem solving in all steps of patient/client management will be used. Prerequisite: PT Third Year Fall professional status or permission of PT Department. (GR)

PT 606L: Rehabilitation of the Patient With Spinal Cord Injury Lab

0 Credit Hour(s)

Laboratory techniques for Rehabilitation of the Patient with Spinal Cord Injury. Corequisite: PT 606. (GR)

PT 610: Management and Administrative Issues in Physical Therapy

4 Credit Hour(s)

A broad survey of topics essential to the administration and management of physical therapy services. Topics covered will include: strategic planning, organizational structure, reimbursement and income management, budgeting, marketing, personnel management, leadership skills, quality assurance, ethical dilemmas and problem solving, professional regulation and the legislative process, various forms of liability and risk management, health care policy and systems of health care service delivery, contract issues and the negotiation process, documentation issues, and appropriate delegation, supervision and collaboration in the provision of physical therapy services. Prerequisite: PT Third Year Fall professional status or permission of PT Department. (GR)

PT 612: Health Promotion, Fitness and Wellness

2 Credit Hour(s)

This course will provide the student with the conceptual framework for individual and community health promotion, as well as injury/disease prevention across the lifespan. Course content includes examination of concepts of health, health promotion, wellness and prevention, and health related quality of life (HRQoL). Basic epidemiological principles will be discussed and applied to specific diseases related to the practice of physical therapy including examination of best evidence for screening and prevention. Current theories of health behavior change will be discussed, as well as issues of adherence and compliance, locus of control, motivation, and the influence of culture and context on health promotion. To demonstrate understanding and application of the key concepts of health behavior change, students will assess their own level of wellness, implement a personal plan to address a particular health behavior, and analyze the outcome of the intervention. Community based health promotion will also be addressed including needs assessment, planning, resources, and process and outcome assessment. Students will apply their knowledge by creating a community based health promotion or disease/injury prevention program and present their project to their peers. In addition, this course will address curricular content related to pelvic health across genders including examination through intervention considerations related to incontinence, pregnancy and related short term/long term sequelae, and pelvic floor dysfunction. Prerequisite: PT Third Year Fall professional status or permission of PT Department. (GR)

PT 651: Integrative Seminar in Physical Therapy V

0 Credit Hour(s)

PT 551 (I-IV) and PT 651 (V) Integrative Seminars focus on the integration of all corresponding courses within each semester of the curriculum. These sessions will act as forums within which the student learner will have the opportunity to conceptualize each aspect of rehabilitation and build them into an overall framework of patient/client care. Each session will generally have a theme of interest such that students can build upon their level of understanding of that material as well as experience, appreciate and value the complexity of the entire process. These forums are designed to act as learning communities to promote independent critical thinking and independent thought while assisting in preparing each student for all lecture, laboratory and clinical exposure components of the semester coursework. Prerequisite: PT professional status (corresponding Fall/Spring semesters) in First through Third years. (GR)

PT 652: Integrative Seminar in Physical Therapy Vi

0 Credit Hour(s)

This course, the sixth in the series of Integrative Seminar courses, is designed to act as a learning community, to promote the continued development of critical thinking and clinical problem-solving skills to prepare the student to pass the National Physical Therapy Licensure Examination (NPTE). This seminar will focus on integrating the content of all courses across the five semesters of didactic coursework in the professional phase of the physical therapy curriculum. This seminar will provide a forum for the student learner to integrate aspects of clinical practice into the overall framework of physical therapy patient/client care. Each week session will provide detailed review content and NPTE question quizzes to assist the student to enhance their level of content knowledge and application. Additionally, this course will assist students in developing stronger test taking skills while developing a greater appreciation of the scope of physical therapy practice. Prerequisites: PT Third Year Spring Professional Status or permission of PT department. (UG)

PT 680: Clinical Internship III

4 Credit Hour(s)

This is a nine (9) week full-time clinical internship designed to integrate all the academic knowledge gained as well as incorporate the previous clinical experiences to attain skills and behaviors of an entry-level physical therapist. The facilities utilized for the internship will focus on in-patient care of any age group and any setting. Prerequisites: PT Third Year professional status and Grade of C or better in all required PT course work. (GR)

PT 690: Clinical Internship IV

4 Credit Hour(s)

This is the final nine (9) week full-time clinical internship designed to enhance the student's entry-level skills in a special interest area of physical therapy. The facilities utilized for this internship will incorporate any setting appropriate for the delivery of physical therapy patient/client care. Prerequisites: PT Third Year professional status and Grade of C or better in all required PT course work. (GR)

Physician Assistant

Contact Information

phone: (716) 839-7360
daemen.edu/physicianassistant

Program Director and Department Chair: Jennifer Barwell, PA-C, MPAS, DMSc

Associate Program Director for Didactic Education: Cara Innus, PA-C, MPAS, IFMCP

Associate Program Director for Clinical Education: Allyson Kirk, PA-C, MPAS

Degrees Offered

- **Bachelor of Science Natural Science – Health Sciences and Master of Science in Physician Assistant Studies (BS & MS)**
- **Master of Science in Physician Assistant Studies (MS)**

Accreditation Information

The **Physician Assistant Studies program (B.S./M.S., M.S.)** is an accredited program. You can find accreditation information on the **PA** departmental web page.

Admission Information

The University offers two-degree tracks:

- BS in Natural Science – Health Science and MS in Physician Assistant Studies
- MS in Physician Assistant Studies

Applicants may only be accepted as first-year or graduate students. However, first-years accepted to the University with a reserved seat must complete at least four semesters of prerequisite coursework and meet published academic standards **before** matriculating in the PA Program. **The PA Program does not accept transfer or change of major applications.** The number of seats available for graduate students is limited. All applicants possessing or planning to possess, a BA or BS prior to matriculation must apply to the MS program.

All successful applicants must demonstrate evidence of strong mathematics and science preparation, knowledge of the profession, and superior interpersonal communication skills. Faculty interview required. The admissions process is very competitive. Please refer to the **PA Department website** for more specifics on prerequisites and minimum requirements.

Applicants for admission to the BS/MS degree track should apply directly to the Daemen University **Office of Admissions**.

Applicants for admission to the MS degree track must apply through the Central Application Service for Physician Assistants (CASPA). Apply at **www.caspaonline.org**.

Daemen University reserves the right to make changes to the Physician Assistant curriculum and/or entrance criteria and/or program and graduation requirements. All enrolled students must meet all requirements if changed or amended by Daemen University.

Minimum Technical Standards For Admission And Matriculation

Additional non-academic criteria apply to students enrolled in the Physician Assistant Program. These Technical Standards are available on the website or on request from the Physician Assistant Department.

Mission

The mission of the Daemen University Physician Assistant Department is to provide its graduates with the knowledge and skills necessary to meet the challenges of delivering quality medical care with great autonomy in a team-based model to a diverse patient population within a complex American healthcare system.

Program Learning Outcomes and Graduate Competencies:

The following domains are integrated throughout the graduate-level curriculum:

1. Medical knowledge (MK) – possess the knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as apply this knowledge to patient care.
2. Patient Care and Procedural Skills (PC/PS) – provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health
3. Practice-Based Learning and Improvement (PBLI) – investigate and evaluate the care of patients, appraise, and assimilate scientific evidence, and continuously improve patient care based on constant self-evaluation and life-long learning
4. Systems-Based Practice (SBP) – an awareness of and responsiveness to the larger context and system of health care and the ability to call on system resources effectively to provide care that is of optimal value
5. Interpersonal and Communication Skills (ICS) – effective exchange of information and collaboration with patients, their families, and health professionals
6. Professionalism (P) – a commitment to carrying out professional responsibilities and an adherence to ethical principles

All graduates of the program will be expected to demonstrate the ability to:

1. Integrate and apply knowledge of pathophysiologic principles of injury and disease and how it alters the anatomical structure and physiologic functioning of the human body recognizing associations of disease conditions and complications through application of scientific concepts. **(MK, PC/PS)**
2. Elicit and interpret medical history (chief complaint, history of present illness, past medical history, social history, surgical history, allergies, family history, prior diagnostic workup and interventions, risk factors, and review of systems) that is relevant and accurate. **(MK, ICS, PC/PS, P)**
3. Recognize and interpret patient information across the lifespan and appropriate to the health care setting while demonstrating responsive, empathetic, and active listening that establishes rapport with patients and caregivers. Accurately recognize and respond to non-verbal forms of communication during interactions. **(MK, ICS, PC/PS, P)**
4. Identify and interpret the signs of disease through visual, auditory, tactile, and/or olfactory means as manifested throughout the head to toe physical examination of the patient. **(MK, PC/PS)**
5. Select appropriate clinical laboratory tests and interpret normal and abnormal results related to patient management. **(MK, PC/PS, PBLI)**
6. Select appropriate diagnostic imaging tests and interpret normal and abnormal results related to patient management. **(MK, PC/PS, PBLI)**
7. Analyze patient information/data requiring clinical reasoning and problem solving skills to develop a differential diagnosis and problem list. **(MK, PC/PS, PBLI)**
8. Determine appropriate and responsible therapeutic management plans for common medical conditions utilizing pharmacologic, non-pharmacologic, surgical, preventive, and rehabilitative modalities with consideration of informed consent and ethical practice. **(MK, PC/PS, PBLI, SBP)**
9. Document and present patient data, including interpretive recommendations and therapeutic plans, in a manner meaningful to the healthcare team. **(PC/PS, PBLI, SBP, ICS, P)**
10. Communicate information (oral and/or written) in a succinct yet comprehensive manner to patients, caregivers and other members of the health care team while ensuring appropriate confidentiality. **(PC/PS, SBP, ICS, P)**
11. Perform physical examinations, diagnostic and clinical procedures meeting accepted standards of care while optimizing the safety of themselves and others including the use of universal precautions and sterile technique. **(MK, PC/PS, ICS, P)**

12. Determine appropriate counseling for patients regarding physical and mental health, including nutrition, exercise, disease management and prevention, normal growth and development, reproductive health, compliance, and adherence. **(MK, ICS, P)**
13. Assess the severity of, and respond to, common potentially life-threatening emergencies. **(MK, PC/PS, SBP)**
14. Appropriately refer patients to meet the needs of diverse patients and families considering social, emotional, spiritual, cultural, economic, and/or environmental factors. **(PC/PS, ICS, SBP)**
15. Function as a responsible member of the interprofessional healthcare team who identifies within their scope of practice the limits of their own ability, requests assistance when necessary, and maintains socially acceptable, respectful, and professional relationships with patients, caregivers and other members of the team. **(ICS, P)**
16. Accept and respond to constructive criticism and resolve conflicts in a socially acceptable and professional manner while providing care with honesty and integrity. **(ICS, P)**
17. Critically evaluate and utilize evidence-based protocols and clinical algorithms in providing patient care. **(MK, SBP, PBLI)**
18. Navigate the health care system to advocate for optimal patient care and safety while limiting risk. **(PC/PS, SBP, P)**

Description

A first-year student is admitted as a B.S. Natural Science – Health Sciences major. A seat in the Physician Assistant Program is reserved pending completion of all prerequisite coursework, core curriculum requirements, direct patient contact experiences, and meeting the program's published academic standards. Four full-time academic semesters are required to complete the prerequisite coursework and core curriculum requirements. Students possessing a bachelor's degree are admitted directly to the Physician Assistant Program.

The program is three years (32.5 months) in duration and affords each student an understanding of the medical sciences and their application to clinical situations. The first two academic years are devoted to didactic work in the basic medical sciences, fundamentals of clinical medicine, professional issues, and the psychosocial aspects of health care delivery. Students spend the third year completing 40 weeks of supervised clinical practice experiences in various teaching hospitals, clinics, and physician offices.

Bachelor of Science in Natural Science – Health Sciences/Master of Science in Physician Assistant Studies

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BS Natural Science – Health Science/MS Physician Assistant Studies

BS Natural Science – Health Science

1. Major: 88 CREDITS

- The following courses require a minimum grade of C or better:
- BCH317/L Bio-Organic Chemistry (3/1)*
- BIO109/L General Biology I (3/1)*
- BIO110/L General Biology II (3/1)*
- BIO315/L General Microbiology (3/1)*
- BIO330/L General Anatomy (4/0)*
- BIO340/L General Physiology (4/0)*
- CHE110/L Chemistry I (4/0)*
- CHE111/L Chemistry II (4/0)*
- PAS510/L Advanced Human Anatomy I (2/0)
- PAS513 Clinical Laboratory Medicine (2)
- PAS514 Pathophysiology (3)
- PAS515 Fundamentals of Clinical Medicine I (5)
- PAS516/L Advanced Human Anatomy II (2/0)
- PAS517/L Physical Diagnosis I (3/1)
- PAS518 Pharmacology I (3)
- PAS519 Fundamentals of Clinical Medicine II (5)
- PAS520/L Physical Diagnosis II (2/1)
- PAS521 Pharmacology II (3)
- PAS522 Cultural and Psychosocial Dynamics of Medicine (3)
- PAS525 Clinical Problem Solving (3)
- PAS529 Research Methodology (3)
- PAS531 Preventive Medicine (2)
- PAS535-536 Medical Professional Issues I-II (1/2)
- PAS538/L Orthopedic Medicine (1/0)
- PAS329 Statistics for Evidence-Based Practice (3)
- PSY-103 Introduction to Psychological Sciences (3)*
- CMP101 English Composition (3)*

2. General Education: 36 CREDITS*

- First Year Seminar (3)
- Learning Communities (6)
- **Depth – Discoveries (9)**
- **Breadth – Exploration:**
  - Natural Sciences and Mathematics:
    - MTH144 Calculus & Analytic Geometry I (3)
    - Choose one course from: Math, and Computer Science (3)
  - Social Sciences:
    - Choose one course from: Sociology (3)
    - Choose one course from: Psychology or Sociology (3)
  - Humanities:
    - CMP315 Advanced Composition for Health Professionals (3)
    - PHI321 Medical Ethics (3)*

Note: *An overall GPA of 3.30 is required in order to start the third year.

Total BS Requirements = 124 Credits

MS Physician Assistant Studies: 51 Credits

- PAS511 Clinical Microbiology/Immunology (3)
- PAS524 Clinical Pediatrics (2)
- PAS526 Surgery (3)
- PAS527 Geriatrics (2)
- PAS528 Emergency Medicine (3)
- **CLERKSHIPS**: 30 credits: PAS601, 602, 603, 604, 605, 606, 607, 608, 609, 610 Clerkship I – X (3 credits each)
- PAS612/613 Research I-II (1/1) — ILIT; WI
- PAS614/615/616 Clinical Seminar I-II-III (2/2/2)

Total MS Requirements = 51 Credits

BS/MS: TOTAL PROGRAM REQUIREMENTS = 175 CREDITS

BS/MS Degree Structure

The BS in Natural Sciences will be conferred prior to the MS Physician Assistant degree. Degrees are conferred upon successful completion of the respective requirements for each degree.

Math Requirement

Depending on mathematics preparation, a student may be required to complete lower-level mathematics courses as a prerequisite to the required MTH144 Calculus & Analytic Geometry I.

Residency Requirement for Physician Assistant Majors

Once a student is enrolled at Daemen, all outstanding prerequisite mathematics and science courses must be completed at Daemen University. The student must successfully complete a full-time course load (minimum 12 credits) in the spring semester prior to the onset of studies in the three-year program (BS/MS only).

Requirements for Matriculation into the Three-Year Program (BS/MS only)

All core curriculum coursework, with the exception of PAS329 Statistics for Evidence-Based Practice and PHI321 Medical Ethics, must be completed. Minimum grades of C must be earned in all courses and a minimum overall GPA of 3.30 earned. A student may, if necessary, repeat one course in the first 4 semesters to meet the overall GPA requirement.

A minimum GPA of 3.00 is required in the 19 credits of 300 level coursework: BIO 330/330L, BIO 315/315L, BIO 340/340L, BCH 317/317L, and CMP 315. Repeats are not allowed for these 300 level courses. The courses used to calculate this GPA must be completed at Daemen University and may not be transferred or substituted.

Course withdrawals from the 300-level courses are not permitted and if approved under extenuating, non-academic circumstances by the Program Director, will be counted as a repeat.

The medical terminology examination must be passed by August 1st in order to begin the fall semester. A student is ineligible for the PA Program if this examination is not passed.

If a course that must be repeated is not offered in a term (e.g. summer), a student may need to decelerate and enter the following class.

One hundred twenty (120) hours of direct patient contact experience is required before entering the PA program. Consult the department's FAQ webpage for more detailed information.

A student is immediately disqualified from the PA Program if the above requirements are not met.

Prerequisite and Grade Point Average Requirements

A student must pass all courses, including the seventy-one (71) credits of prerequisite and liberal arts core curriculum, with a grade of "C" or better. Any grade less than a "C" results in program disqualification.

The medical terminology examination must be passed by July 1, 2026 in order to begin the fall semester. A student is ineligible for the PA Program if this examination is not passed.

Once a student is enrolled at Daemen University, all science prerequisite courses and calculus must be completed at Daemen University.

The overall calculated grade point average (GPA) for all completed college level coursework must be 3.30 or higher (B+).

The calculated grade point average (GPA) for the following five 300-level courses (19 credits) must be 3.00 or higher (B):
a. BCH317/BCH317L – Bio-organic Chemistry Lecture and Lab
b. BIO315/BIO315L – General Microbiology Lecture and Lab
c. BIO330/BIO330L – General Anatomy Lecture and Lab
d. BIO340/BIO340L – General Physiology and Lab
e. CMP315- Advanced Composition for Health Professionals

All 300-level courses (a through e) used to calculate the GPA must be completed at Daemen University during a full-time semester (minimum 12 credits) and may not be transferred or substituted.

A student may, if necessary, repeat one course in the first 4 semesters to meet the overall GPA requirement; however, none of the courses listed above (a through e) may be repeated. The course repeat must be completed by June 1,2026. Course withdrawals from the 300-level courses for academic reasons will result in disqualification. Withdrawals for non-academic, extenuating circumstances can be considered by the Program Director and if granted, will result in a leave of absence.
A student must maintain his or her registration at Daemen University for all semesters before continuation to the PA Program. A student is limited to one leave of absence in accordance with the University policy.

Graduation Requirements

Satisfactory completion of all requirements as per the terms set forth by the Natural Sciences and Physician Assistant Departments.

Suggested Course Sequence

Access the suggested course sequence for the **BS/MS, Health Sciences/Physician Assistant Studies**, from the Physician Assistant Department web page or the Program Plans site on the Registrar's web page.

Master of Science in Physician Assistant Studies (DIRECT ENTRY)

1. PHYSICIAN ASSISTANT STUDIES (98 CREDITS):

- PAS510/L Advanced Human Anatomy I (2/0)
- PAS511 Clinical Microbiology/Immunology (3)
- PAS513 Clinical Laboratory Medicine (2)
- PAS514 Pathophysiology (3)
- PAS515 Fundamentals of Clinical Medicine I (5)
- PAS516/L Advanced Human Anatomy II (2/0)
- PAS517/L Physical Diagnosis I (3/1)
- PAS518 Pharmacology I (3)
- PAS519 Fundamentals of Clinical Medicine II (5)
- PAS520/L Physical Diagnosis II (2/1)
- PAS521 Pharmacology II (3)
- PAS522 Cultural and Psychosocial Dynamics of Medicine (3)
- PAS524 Clinical Pediatrics (2)
- PAS525 Clinical Problem Solving (3)
- PAS526 Surgery (3)
- PAS527 Geriatrics (2)
- PAS528 Emergency Medicine (3)
- PAS529 Research Methodology (3)
- PAS531 Preventive Medicine (2)
- PAS535-536 Medical Professional Issues I-II (1/2)
- PAS538/L Orthopedic Medicine (1/0)
- **CLERKSHIPS**: 30 credits: PAS601, 602, 603, 604, 605, 606, 607, 608, 609, 610 Clerkship I – X (3 credits each)
- PAS612/613 Research I-II (1/1)
- PAS614/615/616 Clinical Seminar I-II-III (2/2/2)

2. ADDITIONAL REQUIRED COURSES (6 CREDITS):

- **Statistics: Select one:**
  - PAS329 Statistics for Evidence Based Practice (3)
  - PHI321 Medical Ethics (3)

MS: TOTAL PROGRAM REQUIREMENTS = 104 CREDITS

Admission Requirements

- Baccalaureate Degree (any discipline) from an accredited US college or university
- Three letters of recommendation
- Overall GPA of 3.0 or higher (average of accepted students generally > 3.5)
- Overall Science GPA of 3.0 or better
- No more than two grades below C in any college level course
- 8 credits of Biology with lab (e.g., Zoology, Botany, General Biology I and II, A & P I and II)
- 8 credits of General Chemistry
- 3 credits of Calculus
- 9 credits of Psychology and/or Sociology
- GPA of 3.00 or higher (average of accepted students generally > 3.4) in the following four courses completed within the past five years:
  - 4 credits of Anatomy, including lab, 300 level
  - 4 credits of Physiology, including lab, 300 level
  - 4 credits of Microbiology, including lab, 300 level
  - 4 credits of Organic Chemistry or Biochemistry, including lab, 300 level
    - It is preferred that the above mentioned courses be taken within a full time semester. Virtual labs are not acceptable.

COVID-19 policy changes for courses taken from spring of 2020 through summer of 2021:

Online course policy – *Courses taken online from spring of 2020 through summer of 2021 will be accepted.*

Pass/fail policy – *Pass/fail and satisfactory/unsatisfactory grades are strongly discouraged for the courses of* ***anatomy, physiology, organic chemistry and microbiology.*** *If letter grades are available, do not elect to receive P/F or U/S grades on your transcript. If your institution completely eliminated the option of letter grades in spring 2020 or summer 2020, then we will require either a grade recovery or documentation from the instructor that includes the actual numerical performance in the course. This documentation will need to be emailed directly from the institution to vsanlore@daemen.edu or mailed on the institution's letterhead to Daemen College Attention: Vincenette San Lorenzo. Please note that we will pay close attention to your COVID-19 statement included on your CASPA application and ask that you share extraordinary or extenuating circumstances that directly or indirectly impacted your course of study.*

- 120 hours of direct patient contact experience (see definition)
- We do not require the GRE
- Additional considerations will include, but are not limited to:
  - The number of repeats on transcripts
  - The number of withdrawals on transcripts
  - The degree of responsibility provided during patient contact experience
  - Quality of writing on essay component
  - Recommendations
  - To address the workforce needs in the WNY and Rochester area, in some cases candidates who currently reside, have previously resided or attend college in the area will be given preference.
- It is recommended that applicants complete at least 8 credits of 300 level or higher science coursework within 12 months of entering the physician assistant program. All courses used to calculate the GPA of the aforementioned classes (Anatomy, Physiology, Microbiology, Organic or Biochemistry) must have been completed within the past 5 years.
- Applicants whose first language is not English must demonstrate their proficiency in the English language by taking the TOEFL iBT® test. The test scores must be submitted directly to CASPA and the full report must be received by the Daemen PA department by January 1. The minimum requirements as stated below are specific to the Physician Assistant Department and do not represent the requirements of the Institution.
  - **Minimum total test score of 100.**
    Reading Section, minimum score of 24
    Listening Section, minimum score of 26
    Speaking Section, minimum score of 26
    Writing Section, minimum score of 24
    - We do **NOT** utilize a rolling admission. All applicants who have been *verified* in CASPA by January 15th will be considered. If you have applied through CASPA and meet all of the minimum requirements, you may be asked to complete a supplemental application. We will contact you directly by email if this is required.

Graduation Requirements

Satisfactory completion of all requirements as per the terms set forth by the Physician Assistant Department.

Suggested Course Sequence

Access the suggested course sequence for the **MS, Physician Assistant Studies**, from the Physician Assistant Department web page or the Program Plans site on the Registrar's web page.

Professional Medical Writing Minor

Requirements: (15 credits)

- CMP212 Writing for the Campus Newspaper (3)
- CMP315 Advanced Composition for Health Professionals (3)
- HPR330 Health Promotion Program Planning, Implementation and Evaluation (3)
- Select one: BA211 Effective Business Communications (3); HPR305 Communicating Health (3)
- PR443 Practicum (3)

Recommended Electives:

- BA220 Diversity and Cross-Cultural Management (3)
- BCH317 Bio-organic Chemistry (3)
- BIO110/L General Biology II (3/1)
- CHE111/L Chemistry II (4)
- HPR102 Introduction to Health Care: Systems and Professions (3)
- HPR208 Health Promotion and Education (3)
- HPR320 Community Health Education and Disease Prevention (3)
- HPR335 Critical Issues in Global Health (3)
- HPR353 Introduction to Epidemiology (3)
- PSY333 Statistics for Psychology and Social Sciences (3) **OR** NSC310 Biostatistics (3)
- PSY308 Health Psychology (3)
- SPA110 Spanish for Health Professionals (3)

Physician Assistant Studies

PAS 329: Statistics for Evidence-Based Practice

3 Credit Hour(s)

This is a 3 Credit Hour Course. Evidence-based practice provides methodologies to evaluate scientific evidence for the delivery of the highest quality health care. This course is one of two courses in the Physician Assistant Department for the evaluation of medical research that provides: 1. a foundation in probability and statistics, and 2. an introduction to medical research designs and associated inferential statistical analyses. In combination with PAS 529, this course is designed to increase students' competency in the evaluation of medical research. In this course, the emphasis is on basic study design, appropriate descriptive and inferential procedures, and interpretation of results. We will focus on real examples from the medical literature to cover the basics of clinical research design, sampling methodology, statistical methods for evaluating clinical research data, as well as introduce some of the many limitations of basic and clinical research. Topics include: Descriptive statistics, statistical inference probability theory and application, sampling theory, hypothesis testing, estimation, confidence intervals, measures of risk/association, association vs. causation, and pitfalls of p-values. Specific statistical analyses include: t-test, ANOVA, linear correlation, linear regression, relative risk, and the odds ratio with emphasis on clinical trial designs. (UG)

PAS 510: Advanced Human Anatomy I

2 Credit Hour(s)

These courses, taken concurrently in one semester, will build upon the fundamental content in embryology, histology, and gross anatomical structure acquired in General Anatomy (BIO 330). The focus will be on the detailed structure of the human body, with concentration on the relationships of normal and abnormal developmental processes to gross anatomical structure, and the relationships of normal and abnormal anatomical structure to function across the lifespan. Specific anatomic content will be presented on a regional basis. Various teaching/learning methods will be used including lecture utilizing 3D anatomy software, laboratory, and demonstrations. Laboratory sessions will provide the student with opportunities for identification of structures and appreciation of the three-dimensional macroscopic organization of these structures. Human cadaver dissection and prosection as well as the study of anatomic models will be utilized. (GR)

PAS 510L: Advanced Human Anatomy Laboratory

0 Credit Hour(s)

Laboratory techniques for Advanced Human Anatomy I. Corequisite: PAS 510. (GR)

PAS 511: Clinical Microbiology/Immunology

3 Credit Hour(s)

This course is a 3-credit hour course consisting of 3 hours of lecture once weekly. This course is an introductory course to clinical microbiology and immunology. As such, it will describe the fundamental principles of infectious disease, including, but not limited to, infectious pathogenicity, infectious disease prevention, as well as localized, systemic and multisystemic diseases. As an immunology course, it will describe the role of innate and adaptive immune systems, interplay between pathogens and the immune system, immunologic dysfunction, and practical aspects of applied immunology. (GR)

PAS 513: Clinical Laboratory Medicine

2 Credit Hour(s)

The PAS 513 Clinical Lab Medicine course serves as an introduction to the study of laboratory and diagnostic tests. Emphasis will be placed on the integration of essential anatomy, physiology, and pathophysiology. Laboratory and diagnostic tests on body fluids, tissues and cell samples can be used for multiple clinical purposes including but not limited to screening, risk assessment, establishing a diagnosis, support of a diagnosis, exclusion of a diagnosis, assisting in prognosis and helping to develop individualized treatment plans. This course will cover the most frequently used laboratory and diagnostic procedures utilized in the subspecialties of medicine that are covered in PAS 515 Fundamentals of Medicine I and PAS 519 Fundamentals of Medicine II. (GR)

PAS 514: Pathophysiology

3 Credit Hour(s)

Pathophysiology is the study of disease. Disease is a disorder of anatomic structure or physiologic function, which affects a part of or the entire body. This course is primarily concerned with the underlying processes associated with disease as well as environmental and genetic contributing factors. This course does not necessarily place a focus on the diagnosis or treatment of disease, although references to these topics will be made on occasion. In no way will this course attempt to try and cover all disease states. Selected disease states will be studied as examples of how variation from normal physiology affects the human body. (GR)

PAS 515: Fundamentals of Clinical Medicine I

5 Credit Hour(s)

This course serves as an introduction to the study of disease processes that commonly impact specific organ systems. Emphasis has been placed on the integration of the essential anatomy, physiology, pathology, microbiology, pharmacology, and medical terminology relevant to the care of medical problems seen acutely and chronically, across the lifespan, with an emphasis on adult and geriatric populations. Students will be trained to understand and consider risk factors that increase the impact of disease, including gender, genetics, racial, ethnic and cultural differences, lifestyle habits and medical comorbidities. The differential diagnosis of symptoms and physical findings along with interpretation of laboratory and radiographic tests appropriate to each system are discussed. Additionally, the treatment plan, including appropriate setting, course, appropriate patient counseling and disease education, and rehabilitation and prevention of medical conditions in the various subtopics is also emphasized. Disease topics in the following areas are thoroughly covered - Pulmonology, Cardiology, Endocrinology, Hematology, Nephrology, Urology, Gastroenterology, Otolaryngology, Allergy & Immunology and Ophthalmology. (GR)

PAS 516: Advanced Human Anatomy II

2 Credit Hour(s)

These courses, taken concurrently in one semester, will build upon the fundamental content in embryology, histology, and gross anatomical structure acquired in General Anatomy (BIO 330). The focus will be on the detailed structure of the human body, with concentration on the relationships of normal and abnormal developmental processes to gross anatomical structure, and the relationships of normal and abnormal anatomical structure to function across the lifespan. Specific anatomic content will be presented on a regional basis. Various teaching/learning methods will be used including lecture utilizing 3D anatomy software, laboratory, and demonstrations. Laboratory sessions will provide the student with opportunities for identification of structures and appreciation of the three-dimensional macroscopic organization of these structures. Human cadaver dissection and prosection as well as the study of anatomic models will be utilized. (GR)

PAS 516L: Advanced Human Anatomy II Lab

0 Credit Hour(s)

Laboratory techniques for Advanced Human Anatomy II. Corequisite: PAS 516. (GR)

PAS 517: Physical Diagnosis I

3 Credit Hour(s)

Physical Diagnosis I is the first module of a dual semester course. It is presented in the spring semester of the first year of upper division and is complemented in the following fall semester by PAS 520 Physical Diagnosis II. PAS 517 consists of a 2.5 hour per week class lecture and a small group lab session each week, which provides the student opportunities to practice and demonstrate diagnostic knowledge and hands-on skills accumulated over the course of the semester. The overall course objective is for the student to learn to perform a complete and accurate physical examination and to be able to distinguish and describe normal vs. abnormal findings. Students will be expected to integrate the knowledge learned in anatomy, physiology, pathology, microbiology, Fundamentals of Clinical Medicine, and pharmacology relevant to some of the most common medical problems. Using appropriate medical terminology, students will demonstrate their ability to describe their clinical findings and assessments in written form. Additionally, students will be introduced to certain aspects of history-taking this semester and documentation of that information- including Past Medical History, Past Surgical History, Medications, Allergies and Family Medical History. Students must keep in mind that clinical competency encompasses many factors including a solid fund of medical knowledge, proficiency in clinical skills, appropriate attitudes, behaviors and critical thinking skills in their approach to the patient's medical concerns. (GR)

PAS 517L: Physical Diagnosis I Laboratory

1 Credit Hour(s)

Physical Diagnosis I Lab is a weekly lab which allows for students to practice and demonstrate the ability to perform an organ specific physical examination, as well as a comprehensive head to toe physical examination by completion of the semester. Each week of the laboratory experience covers a different organ system's appropriate physical examination. Additionally, through the course of this semester, students will be able to document their exam findings in appropriate format for patient notes. Students are expected to come to the lab prepared to demonstrate and refine their PD lab skills. Extensive outside time for the practice of skills is expected. (GR)

PAS 518: Pharmacology I

3 Credit Hour(s)

The goal of the pharmacology course is to provide the Physician Assistant student with a basic understanding of pharmacological treatments in the areas of cardiology, pulmonology, gastroenterology and endocrinology. The course cannot and does not attempt to discuss all drugs that are currently available. The student is provided with a solid foundation of current evidence-based treatment guidelines upon which new information and clinical experience may be added. Prescribing information and safety profiles have the potential to change daily. When students begin working clinically, they need to be responsible for constantly changing research and information as they prescribe medications. Prescribing references will be utilized to aid students. Students should be able to recognize both generic and / or name brands of medications. (GR)

PAS 519: Fundamentals of Clinical Medicine II

5 Credit Hour(s)

This course serves as an introduction to the study of disease processes that commonly impact specific organ systems. Emphasis has been placed on the integration of the essential anatomy, physiology, pathology, microbiology, pharmacology, and medical terminology relevant to the care of medical problems seen acutely and chronically, across the lifespan,adult and geriatric populations. Students will be trained to understand and consider risk factors that increase the impact of disease, including gender, genetics, racial, ethnic and cultural differences, lifestyle habits and medical comorbidities. The differential diagnosis of symptoms and physical findings along with interpretation of laboratory and radiographic tests appropriate to each system are discussed. Additionally, the treatment plan, including appropriate setting, course, appropriate patient counseling and disease education, and rehabilitation and prevention of medical conditions in the various subtopics is also emphasized. Topics covered include hematology, neurology, dermatology, rheumatology, obstetrics, gynecology, infectious disease and psychiatry. Additionally, a radiology class will enhance student learning regarding diagnostic imaging modalities including hands on lab experiences training students to perform and interpret Point of Care Ultrasound (POCUS). An electrocardiogram seminar will teach students how to perform, read, and interpret electrocardiograms. (GR)

PAS 520: Physical Diagnosis II

2 Credit Hour(s)

This course is a 2 credit hour course (a continuation of Physical diagnosis I) consisting of two hours of physical diagnosis lecture weekly. This course will provide opportunities for the student to learn and apply methods to gather historical data and properly document that information into a medical note. The interactive classroom lectures will prepare students to take a complete history, a follow-up history and acute organ system specific histories in the laboratory setting. There will also be a focus on the development of differential diagnoses throughout the semester. (GR)

PAS 520L: Physical Diagnosis II Laboratory

1 Credit Hour(s)

The Physical Diagnosis Laboratory meets weekly. Physical Diagnosis I is a prerequisite for this course as the psychomotor skills learned in Physical Diagnosis I will be utilized. Students are in a small group setting and will learn the foundation for eliciting a history for problem-focused, follow- up and well visits. As the semester proceeds, the students will incorporate choosing the appropriate physical examination and correct documentation for such visits as well as begin developing an assessment and plan. In addition to the weekly labs, each student will fully participate in one lab session completing the female pelvic examination and one lab completing the male genitourinary examination. Students may also take part in interprofessional activities related to lab content. (GR)

PAS 521: Pharmacology II

3 Credit Hour(s)

This course is a continuation of Pharmacology I. The goal of the pharmacology course is to provide the Physician Assistant student with a basic understanding of pharmacological treatments in the areas of rheumatology, neurology, dermatology, women's health, endocrinology, psychiatry, emergency medicine and basic vitamin supplementation. The course cannot and does not attempt to discuss all drugs that are currently available. The student is provided with a solid foundation of current evidence based treatment guidelines upon which new information and clinical experience may be added. Prescribing information and safety profiles have the potential to change daily. When students begin working clinically, they need to be responsible for constantly changing research and information as they prescribe medications. Prescribing references will be utilized to aid students. Students should be able to recognize both generic or name brands of medications. (GR)

PAS 522: The Cultural and Psychosocial Dynamics of Medicine

3 Credit Hour(s)

During the semester, students will attend presentations from guest lecturers from our community on the important topics of domestic violence, child abuse, alternative medicine, death and dying, religion, pain management, addiction, nutrition, patients with disabilities, sexuality and cultural barriers to patient care. Students are introduced to concepts in health psychology and behavioral medicine which identify the cultural and psychosocial factors contributing to health, physical and emotional wellbeing. Emphasis is placed on establishing a relationship and understanding of the effects of culture and personality types. Selected books and continuing medical education have been chosen for the students to read pertaining to these topics. (GR)

PAS 524: Clinical Pediatrics

2 Credit Hour(s)

This is an introduction to the clinical practice of pediatrics. It is designed to provide the fourth semester PA student with a functional understanding of growth, development, and disease processes as they relate to the neonate, infant, child, and adolescent. Through integration of the basic and clinical sciences, the PA student will be exposed to hallmark conditions in pediatrics and neonatology, as well as, cardiology, hematology, otolaryngology, orthopedics, surgery, urology, infectious diseases, dermatology, gastroenterology, and psychiatry. Special attention will be given to wellness, health maintenance, patient/parent education (aka anticipatory guidance), and the most common or critical ambulatory care problems seen in the general pediatrician's office, urgent care center, or emergency department. However, given the expanding nature of the PA profession, we will also introduce fundamental concepts of pediatric hospital and pediatric critical care medicine, and the conditions managed therein. The course will require an advanced level of application of topics previously presented in courses such as medical terminology, pharmacology, microbiology, clinical medicine, physical diagnosis, diagnostic imaging, and clinical laboratory medicine. While theory will be discussed, practical and problem-solving skills such as writing notes, writing prescriptions, calculating fluids, developing differential diagnoses, determining nutritional needs, and evaluating immunization schedules will be emphasized. (GR)

PAS 525: Clinical Problem Solving

3 Credit Hour(s)

The purpose of the Clinical Problem Solving Course is to facilitate the student's assimilation of his/her medical and basic science knowledge. In conjunction with physical diagnosis information, students will learn to appropriately identify and address the health care problems that she/he may encounter in a clinical environment. By utilizing the Problem-Based Learning Method as an instructional model, students will work both in groups and individually. This course is designed to help students identify their individual knowledge base, learn how to utilize available resources and understand how they would approach solving an individual patient's problem(s). (GR)

PAS 526: Surgery

3 Credit Hour(s)

This multifaceted course is designed to provide the PA student with the academic preparation to succeed in his/her clinical clerkship(s) and evaluate/manage patients with surgical needs. This course encompasses general principles related to the management and care of patients with surgical conditions. Wound healing, surgical techniques, and pre- and post-operative management are studied. Surgical diseases of the head and neck, gastrointestinal, cardiovascular, pulmonary, and neurological systems, are covered, as well as the approach to surgical emergencies and trauma. During small group lab experiences, basic procedures will be presented, including basic suturing techniques, casting, splinting, aseptic technique, gowning and gloving, and other procedures necessary to function in the surgical setting. This course will also provide a foundation for further study in Surgery or its subspecialties. The course includes the following components: Surgery, Casting and Splinting, Suturing, Aseptic Technique/Scrubbing, and Oncology/ Breast disease. (GR)

PAS 527: Geriatrics

2 Credit Hour(s)

Geriatrics is a 2 credit hour course presented in the Spring semester of the second year in the PA program. This course emphasizes an understanding of the aging process and the long term care of our population, while growing a students' awareness of the social context in which health care is provided to the elderly, chronically ill, and acutely ill. The course focuses on the development of communication skills necessary to enhance the humanistic practice of geriatric medicine. Through lectures, guest faculty, assigned reading, class discussion, and participation in a simulation lab experience, the student will learn the fundamentals of geriatric medicine and the multi-dimensional aspects of the care of an aging patient in both the hospital and outpatient setting. (GR)

PAS 528: Emergency Medicine

3 Credit Hour(s)

Initial, life-saving management of ill and seriously injured (or potentially ill or injured) patients are the focus of this course. The systematic evaluation and work-up will be considered for a variety of patients presenting with life-threatening and emergent medical conditions. Basic skills, advanced procedures, Point of Care Ultrasound, ACLS certification, and other interventions will be described and reviewed in this course. You will be reintroduced to many topics presented in the Fundamentals of Clinical Medicine, Pharmacology, and Physical Diagnosis. However, the approach to each topic will now be tailored to the Emergency Department. Fundamental knowledge of clinical medicine is required for success in this course. If you identify personal weaknesses in any particular area, please review material from the aforementioned courses. (GR)

PAS 529: Research Methodology

3 Credit Hour(s)

Engaging in the process of clinical research design, students will develop skills that are necessary for reviewing objective data as a component of clinical practice. Students will present a case, identify a research question relevant to the practice of medicine, critically review the relevant clinical and scientific literature, write a research proposal, and present this proposal at a formal seminar. (GR)

PAS 531: Preventive Medicine

2 Credit Hour(s)

Preventive Medicine is an introduction to wellness and screening. Students are exposed to a multitude of topics that strongly rely on patient education for proper treatment. (GR)

PAS 535: Medical Professional Issues I

1 Credit Hour(s)

Medical Professional Issues is a two-course series offered to all Daemen University Physician Assistant students during the didactic phase of the program. The class establishes a preliminary level of knowledge about the US healthcare system, the PA profession and its historical development, and other members represented on interprofessional medical teams. During the second year of the program, MPI II builds upon this foundation and serves as the primary venue to examine, at great depth and breadth, the professional issues delineated in the 5th Edition of the ARC-PA Standards. Together, the courses allow students to gain the knowledge and skills necessary to abide by the laws and regulations that govern the PA profession and to practice medicine safely. But, perhaps more importantly, the courses prepare our graduates to be effective participants and leaders in the PA profession. (GR)

PAS 536: Medical Professional Issues II

2 Credit Hour(s)

This course is designed specifically for the 2nd year PA student and will build off the foundation established in PAS 535. It shall serve as the primary venue to examine, at great depth and breadth, the contemporary professional issues delineated in the 5th Edition of the ARC-PA Standards. The course will explore many facets of the US healthcare system and the role of PA's. Students will gain the knowledge and skills to assist them in abiding by the laws and regulations that govern PA practice. But, perhaps more importantly, students will be prepared to effectively participate as future leaders in the profession and advocates for patients. (GR)

PAS 538: Orthopedic Medicine

1 Credit Hour(s)

An introduction to the study of musculoskeletal injuries and disease processes. Emphasis has been placed on the integration of the essential anatomy, physiology, pathology, microbiology, pharmacology, and medical terminology relevant to medical problems encountered in the musculoskeletal system. The differential diagnosis of symptoms and physical findings along with interpretation of laboratory and radiographic tests appropriate to each region are discussed. This course includes an Orthopedic Skills Laboratory opportunity, which focuses on the understanding of musculoskeletal special testing and physical examination skills by region. (GR)

PAS 538L: Orthopedic Medicine Lab

0 Credit Hour(s)

Laboratory portion of PAS 538. Co-requisites: 538. (GR)

PAS 601: Clerkship I

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 602: Clerkship II

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 603: Clerkship III

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 604: Clerkship IV

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 605: Clerkship V

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 606: Clerkship VI

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 607: Clerkship VII

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 608: Clerkship VIII

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 609: Clerkship IX

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 610: Clerkship X

3 Credit Hour(s)

As part of a comprehensive and coordinated 40 week clinical schedule, each four (4) week full-time clerkship is designed to offer the PA student supervised clinical practice experiences in one or more of the following areas: family medicine, internal medicine, medical specialties, pediatric and adolescent medicine, prenatal care, gynecology, surgery, surgical specialties, emergency medicine, and psychiatry/behavioral medicine. (GR)

PAS 612: Research I

1 Credit Hour(s)

In this course, students will write a literature review paper that addresses a specific, relevant issue or topic. Students will develop a research question, complete a literature review, and write a manuscript based on current EBP (Evidence-Based Practice) principles. The paper will be written following the guidelines outlined below and be presented to his/her faculty advisor during a one-on-one defense. (GR)

PAS 613: Research II

1 Credit Hour(s)

In this course, students will present a clinical case to their peers in a Grand Rounds format. This course will follow the completion of PAS 612 Research I. The student will choose a case they actively participated in while on clinical rotation. The case and a review of the diagnosis using an evidence based literature review will be presented to the student's research group and faculty advisor. (GR)

PAS 614: Clinical Seminar I

2 Credit Hour(s)

The purpose of Clinical Seminar I is to ascertain that the physician assistant student can apply the knowledge required to successfully transition to the program's clinical phase.&#xfffd; This course also prepares students to work collaboratively in interprofessional patient centered teams and apply these principles beyond the physician-physician assistant role, as well as being their journey of lifelong learning. (GR)

PAS 615: Clinical Seminar II

2 Credit Hour(s)

As a supplement to the experience and knowledge gained through the completion of supervised clinical practice experiences, students enrolled in the final year of the Daemen University PA Program will prepare for clinical practice and the Physician Assistant National Certifying Examination (PANCE) through the callback day lectures, in-class activities, journal club, interprofessional reflection, and assessment and plan assignments. The purpose of Clinical Seminar II is to ascertain that the physician assistant student can apply the knowledge required to successfully continue in the program's clinical phase and continue their journey of lifelong learning through Continued Medical Education including obtaining MAT training. This course also prepares students to work collaboratively in interprofessional patient centered teams and apply these principles beyond the physician-physician assistant role. (GR)

PAS 616: Clinical Seminar III

2 Credit Hour(s)

As a supplement to the experience and knowledge gained through the completion of supervised clinical practice experiences, students enrolled in the final year of the Daemen University PA Program will prepare for clinical practice and the Physician Assistant National Certifying Examination (PANCE) through the callback day lectures, in-class activities, interprofessional reflection, and assessment and plan assignments, and faculty assessment/mentoring. The purpose of Clinical Seminar III is to ensure the student has the medical knowledge, clinical and technical skills, clinical reasoning and problem-solving abilities, interpersonal skills, and professional behaviors necessary to transition to clinical practice and be a competent practicing physician assistant. This course will integrate information from specific courses and experiences into unified concepts, in preparation for the PANCE and a career in clinical practice. Students will reflect on experiences working collaboratively on interprofessional patient centered teams, as well as continue their journey of lifelong learning with continued medical education as required by the NCCPA and successful clinical practice. (GR)

Psychological Sciences

Contact Information

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Chair

Denise Emer
(716) 839-8257

Degrees Offered

- Bachelor of Arts in Psychology
- Bachelor of Science in Psychology

Minors

- Pre-Art Therapy (Recommended for Psychology Majors)
- Psychology

Mission Statement

The mission of the Department of Psychological Sciences at Daemen University is to provide students with an understanding of the psychological science of human thought, feeling, and behavior. The curriculum is designed to increase students' knowledge of foundational and contemporary topics in psychological science and the methods and tools used to conduct psychological research, including research design and data analysis. Students also learn to communicate effectively with other members of the scientific community and acquire the skills to apply psychological principles in diverse domains that characterize well-educated and ethical learners. We accomplish this through a combination of student-centered advising and mentoring, participation in a large variety of required and elective courses, collaborative student-faculty research opportunities, and community outreach opportunities in the form of career field experiences and internships.

Student Learning Goals & Outcomes

The Department of Psychological Sciences at Daemen University endorses the APA Guidelines for the Undergraduate Psychology Major, Version 3.0 (APA, 2023) which are structured to provide knowledge, skills, and values consistent with both psychological science and liberal education.

Summary of Learning Goals and Outcomes

GOAL 1 Content Knowledge and Applications

1.1 Describe key concepts, principles, and theories in psychological science

1.2 Develop a working knowledge of psychology's major subfields

1.3 Portray significant aspects of the history of psychological science

1.4 Apply psychological content to solve practical problems

1.5 Provide examples of psychology's integrative themes

GOAL 2 Scientific Inquiry and Critical Thinking

2.1 Exercise scientific reasoning to investigate psychological phenomena

2.2 Interpret, design, and evaluate psychological research

2.3 Incorporate sociocultural factors in scientific research practices

2.4 Use statistics to evaluate quantitative research findings

GOAL 3 Values in Psychological Science

3.1 Employ ethical standards in research, practice, and academic contexts

3.2 Develop and practice interpersonal and intercultural responsiveness

3.3 Apply psychological principles to strengthen community and improve quality of life

GOAL 4 Communication, Psychological Literacy, and Technology Skills

4.1 Interact effectively with others

4.2 Write and present effectively for different purposes

4.3 Provide evidence of psychological literacy

4.4 Exhibit appropriate technological skills to improve communication

GOAL 5 Personal and Professional Development

5.1 Exhibit effective self-regulation

5.2 Refine project management skills

5.3 Display effective judgment in professional interactions

5.4 Cultivate workforce collaboration skills

5.5 Demonstrate appropriate workforce technological skills 5.6 Develop direction for life after graduation

Additional Goal for B. S. Psychology Majors: (Depth of Knowledge in Natural Sciences): develop a greater understanding of the natural sciences so that this deeper understanding can be applied to the study of psychology. Students completing the B.S. degree will gain a more extensive understanding of how the natural sciences and mathematics mutually enrich the study of psychology.

IMPORTANT NOTE: The Department of Psychological Sciences is in the process of revising the Bachelor of Science (BS) curriculum to expand the course offerings students can complete to fulfill science requirements. Currently, the BS degree exclusively requires natural science courses, but the revised curriculum will include additional courses in the applied sciences in other fields. Please speak with your academic advisor if you are interested in the BS degree but do not wish to complete coursework only in the natural sciences so that your advisor can inform you about the courses you will be permitted to complete in our updated BS curriculum.

REFERENCE

American Psychological Association (2023). APA guidelines for the undergraduate psychology major (version 3.0). Washington, DC.

Bachelor of Arts in Psychology

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog.

Course Repeats

The following courses may not be repeated more than once: PSY103, PSY320/L, PSY322/L, PSY350, PSY440, PSY444

1. Major: 53 CREDITS

- PSY103 Introduction to Psychological Science (3)
- PSY320/L Research Design and Analysis 1 (4)
- PSY322/L Research Design and Analysis 2 (4)
- PSY350 Social Science Research and Writing (3)
- PSY440 Senior Capstone Seminar (3) **OR** PSY444 Senior Thesis (3)

- **Additional Required courses (36 credits)**
  - PSY210 Social Psychology (3)
  - PSY215 Cognitive Psychology (3)
  - **SELECT ONE:**
    - PSY219 Psychology of Mental Illness (3) **OR**
    - PSY231 Behavioral Disorders of Childhood and Adolescence (3)
  - **SELECT ONE** course from each **AREA** (12 credits)(students must have completed at least one 200-level course before taking any 300-level courses. Additional courses allowed on a course-by-course basis, dependent on the course description/content):
    - **Social/Cultural/Personality Area:**
      - PSY218 Personality Psychology (3)
      - PSY301 The Psychology of Human Sexuality and Sexual Health (3)
      - PSY318 Heroes, Healers, and Do-Gooders: The Psychology of Helping and Altruism (3)
      - PSY391 Psychology and Culture (3)
    - **Cognitive/Biological Area**:
      - PSY216 Learning and Behavioral Modification (3)
      - PSY217 Sensation and Perception (3)
      - PSY232 Experimental Animal Behavior (3)
      - PSY314 Biological Bases of Behavior (3)
      - PSY380 Drugs & Behavior (3)
    - **Clinical/Applied Area**:
      - PSY219 Behavioral Disorders of Childhood & Adolescence (3)
      - PSY231 Behavioral Disorders of Childhood & Adolescence(3)
      - PSY304 Counseling and Interviewing (3)
      - PSY306 Forensic Psychology (3)
      - PSY308 Health Psychology (3)
      - PSY309 Assessment in Psychology and

Education (3)
        - PSY325 Practicum in Psychology (3)
    - **Developmental Area**
        - PSY212 Developmental Psychology: Infancy through Childhood (3)
        - PSY214 Psychology of Adolescence (3)
        - PSY220 Life Span Development (3)
- **SELECT TWO** additional elective courses from any of the above 4 **AREAS** (6 credits). Additionally, PSY457 – Independent Research Study or any transferred PSY course with no equivalent Daemen course may be substituted as this elective course.
- CMP101 English Composition (3)
- Foreign Language Requirement (6)
    - Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
    - Natural Sciences and Mathematics:
        - Choose one course from: Computer Science or Mathematics. (3)
        - Choose one course from: Biochemistry, Biology, Chemistry, Environmental Science, or Physics. (3)
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, Geography, History, Linguistics, Political Science, and Sociology. (6)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

3. Free Electives: 31 CREDITS

- A maximum of 6 credits may be taken in Psychology courses.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Admission to Upper Division Requirements

1. A minimum grade of C- in PSY320/L Research Design and Analysis 1
2. An overall grade point average (GPA) of C (2.0).

Graduation Requirements

1. A minimum grade of C- in PSY320/L Research Design and Analysis 1; PSY322 Research Design and Analysis 2; PSY350 Social Science Research and Writing; PSY440 Senior Capstone Seminar **OR** PSY444 Senior Thesis
2. An overall grade point average (GPA) of C (2.0).

Suggested Course Sequence

Access the suggested course sequence for the **BA, Psychology** or **BA, Psychology Pre-Med Track**, from the Psychological Sciences Department web page or the Program Plans site on the Registrar's web page.

Bachelor of Science in Psychology

POSTED BY: TOM WOJCIECHOWSKI JUNE 23, 2018

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog.

Course Repeats

The following courses may not be repeated more than once: PSY103, PSY320/L, PSY322/L, PSY350, PSY440, PSY444

1. Major: 69 CREDITS

- PSY103 Introduction to Psychological Science (3)
- PSY320/L Research Design and Analysis 1 (4)
- PSY322/L Research Design and Analysis 2 (4)
- PSY350 Social Science Research and Writing (3)
- PSY440 Senior Capstone Seminar (3) **OR** PSY444 Senior Thesis (3)

- **Additional Required courses (52 credits)**
  - PSY210 Social Psychology (3)
  - PSY215 Cognitive Psychology (3)
  - **SELECT ONE:**
    - PSY219 Psychology of Mental Illness (3) **OR**
    - PSY231 Behavioral Disorders of Childhood and Adolescence (3)
  - PSY314 Biological Bases of Behavior (3)
  - **SELECT ONE** course from each **AREA** (12 credits) (students must have completed at least one 200-level course before taking any 300-level courses. Additional courses allowed on a course-by-course basis, dependent on the course description/content):
    - **Social/Cultural/Personality Area:**
      - PSY218 Personality Psychology (3)
      - PSY301 The Psychology of Human Sexuality and Sexual Health (3)
      - PSY318 Heroes, Healers, and Do-Gooders: The Psychology of Helping and Altruism (3)
      - PSY391 Psychology and Culture (3)
    - **Cognitive/Biological Area**:
      - PSY216 Learning and Behavioral Modification (3)
      - PSY217 Sensation and Perception (3)
      - PSY232 Experimental Animal Behavior (3)
      - PSY380 Drugs & Behavior (3)
    - **Clinical/Applied Area**:
      - PSY219 Psychology of Mental Illness (3)
      - PSY231 Behavioral Disorders of Childhood & Adolescence(3)
      - PSY304 Counseling and Interviewing (3)
      - PSY306 Forensic Psychology (3)
      - PSY308 Health Psychology (3)
      - PSY309 Assessment in Psychology and Education (3)

        - PSY325 Practicum in Psychology (3)
    - **Developmental Area**
        - PSY212 Developmental Psychology: Infancy through Childhood (3)
        - PSY214 Psychology of Adolescence (3)
        - PSY220 Life Span Development (3)
- **SELECT TWO** additional elective courses from any of the above 4 **AREAS** (6 credits). Additionally, PSY457 – Independent Research Study or any transferred PSY course with no equivalent Daemen course may be substituted as this elective course.

- **Science/Psychological Science (19 credits)**

    - **SELECT ONE** laboratory course in biochemistry, biology, chemistry, or physics (4 credits)
    - **SELECT TWO** additional courses in Cognitive/Biological Psychology (6 credits)
        - PSY216 – Learning and Behavior Modification
        - PSY217 – Sensation & Perception
        - PSY232 – Experimental Animal Behavior
        - PSY380 – Drugs and Behavior
    - **SELECT ONE** additional course (3 credits) in Cognitive/Biological Psychology, Natural Science (does not have to contain a lab but if so, the additional credit will fall to Free Electives), **OR** Mathematics (level 124 or higher).
    - **SELECT TWO** additional courses (6 credits) from Applied Sciences from the list below. Note: Additional courses allowed on a course-by-course basis, dependent on the course description/content. If a laboratory course is selected, any additional credit(s) will fall to Free Electives.
        - FOR101 Introduction to Forensic Science (3)
        - Courses in the following subject areas: Accounting, Computer Science, Economics, Finance, Marketing, Sustainability (3)
        - HPR301/L Physiology of Exercise and Cardiopulmonary Assessment Laboratory (3/O)
        - HPR308 Environmental Health (3)
        - HPR313 Principles of Health Behavior Change (3)
        - HPR317/L Human Motion: Principles and Perspectives (4/0)
        - HPR320 Community Health Education and Disease Prevention (3)
        - HPR353 Introduction to Epidemiology (3)
        - HSC211 Population Health: Caring for the LGBTQ Community (3)
        - HSC212 Introduction to Genetics and Genomics (3)
        - HSC213 Pandemic: Lessons Learned From Covid-19 (3)
        - HSC233 Herbs, Drugs, Supplements and the Body (3)

- CMP101 English Composition (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
    - Natural Sciences and Mathematics:
        - Choose one course from: Computer Science or Mathematics. (3)
        - Choose one course from: Biochemistry, Biology, Chemistry, Computer Science, Environmental Science, Mathematics, or Physics. (3)
    - Social Sciences:
        - Choose two courses from: Anthropology, Economics, Geography, History, Linguistics, Political Science, and Sociology. (6)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

3. Free Electives: 15 CREDITS

- A maximum of 6 credits may be taken in Psychology courses.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Admission to Upper Division Requirements

1. An overall grade point average (GPA) of C (2.0).

Graduation Requirements

1. A minimum grade of C- in PSY320/L Research Design and Analysis 1; PSY322/L Research Design and Analysis 2; PSY350 Social Science Research and Writing; PSY440 Senior Capstone Seminar **OR** PSY444 Senior Thesis
2. A minimum grade point average (GPA) of 2.50 in the major.
3. An overall grade point average (GPA) of C (2.0).

Suggested Course Sequence

Access the suggested course sequence for the **BS, Psychology** or **BS, Psychology Pre-Med Track**, from the Psychological Sciences Department web page or the Program Plans site on the Registrar's web page.

Previous post **Next post**

PRE-ART THERAPY MINOR (Psychology Majors)

POSTED BY: IMOYER JUNE 23, 2018

NOTE: This minor is recommended for **Psychology BA or BS** students. The minor course work will be fulfilled with Psychology and studio Art courses to prepare students to pursue further education in the area of art therapy programs.

Required Psychology courses (15 credits)

- PSY103 Intro to Psychological Science (3)
- PSY212 Developmental Psychology (3)
- PSY219 Psychology of Mental Illness (3)
- PSY231 Behavior Disorders of Childhood and Adolescence (3)
- Elective PSY (3)*

***NOTE**: Consult Advisor for recommended course.

Additional Requirements (18 credits)

- ART105 Foundations of Drawing I (3)
- ART106 Foundations of Drawing II (3)
- ART225 Painting: Watercolor (3)
- ART251 Ceramics I (3)
- ART267 Sculpture I (3)
- EDU301 Methods and Materials: Art (3)

Previous post

Psychology Minor

Requirements (18 credits):

- PSY103 Introduction to Psychological Science (3)
- PSY210 Social Psychology (3)
- PSY215 Cognitive Psychology (3)
- PSY219 Psychology of Mental Illness (3)
- SELECT TWO courses from any AREA (6):
    - **Social/Personality/Developmental Area:**
        - PSY218 Personality Psychology (3)
        - PSY220 Life Span Development (3)
        - PSY214 Psychology of Adolescence (3)
        - PSY301 Human Sexuality and Sexual Health (3)
        - PSY318 Heroes, Healers, and Do-Gooders: The Psychology of Helping and Altruism (3)
    - **Cognitive/Biological Area**:
        - PSY216 Learning and Behavioral Modification (3)
        - PSY217 Sensation and Perception (3)
        - PSY314 Biological Bases of Behavior (3)
        - PSY380 Drugs & Behavior (3)
    - **Clinical/Applied Area**:
        - PSY231 Behavioral Disorders of Childhood & Adolescence(3)
        - PSY306 Forensic Psychology (3)
        - PSY308 Health Psychology (3)
        - PSY304 Counseling and Interviewing (3)
        - PSY309 Assessment in Psychology and Education (3)

Note: Students completing a Psychology Minor are not eligible to register for the Majors-only required research sequence, which begins with Psychology 333/L (Statistics for Psychology and Social Sciences), and includes Psychology 353/L (Research Methods in Psychology), Psychology 354/L (Advanced Research Methods), and Psychology 444/445 (Senior Thesis in Psychology or Senior Practicum in Psychology).

Students Completing a Minor in Psychology may also be able to complete PSY391 Psychology and Culture, PSY393 Origins of Psychology, or PSY457 Independent Research Study if it is offered in a given semester during minor completion.

Psychology

PSY 103: Introduction to Psychological Science

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course provides an introduction to psychological science devoted to understanding the science of how people think and behave. Emphasis will be placed on gaining an understanding of the major concepts and research approaches in the different areas of psychology, as well as the development of critical thinking skills in the application of psychological principles. This course includes a general survey of topics such as research methods, brain and behavior, intelligence, memory, learning, development, motivation, perception, personality, psychological disorders, and social psychology. (UG)

PSY 210: Social Psychology

3 Credit Hour(s)

Fulfills core competencies: Critical Thinking and Contextual Integration This course focuses on the ways in which individuals' thoughts, feelings, and behaviors are influenced by the presence of others/social interaction. Experimental findings will be used to understand individuals in a social context. Sample topics include stereotyping and prejudice, conformity and obedience, attitude formation and persuasion, and aggression and conflict. In addition, practical application of theory and research findings will be discussed (e.g., jury decision making, reducing prejudice). Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 214: Psychology of Adolescence

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course introduces students to psychological changes that occur between childhood and adulthood, including psychological correlates of physical maturation, cultural definitions of adolescence, cognitive change, and social challenges facing adolescents. Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 215: Cognitive Psychology: Learning, Thinking and Problem Solving

3 Credit Hour(s)

This course introduces students to the scientific study of mental processes and human information processing, with emphasis on theory and research findings, both historical and present. Sample topics include: visual and auditory processing, attention, memory, language acquisition and processing, reasoning, decision making, and problem solving. Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 216: Principles of Learning and Behavior Modification

3 Credit Hour(s)

This course introduces the principles and procedures of Learning and Behavior Modification, including operant and respondent conditioning and their component procedures, including reinforcement, extinction, punishment, stimulus control, discrimination, generalization, shaping, prompting, and chaining. Students will be introduced to the research designs, data recording methods, and data analytic procedures of behavior modification, and will apply course material by designing and conducting a self-management project. Prerequisite: PSY 103 or equivalent. (UG)

PSY 217: Sensation and Perception

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving; Information Literacy; Writing Intensive. This course introduces students to theories, empirical data, and research tools and techniques related to sensation and perception. Perceptual organization and the relationship of perception to clinical and social areas will be considered. Prerequisites: CMP 101 and PSY 103. (UG)

PSY 218: Theories of Personality

3 Credit Hour(s)

This course will examine several of the major personality theories, as well as current research findings, in a general survey of crucial factors in the development and organization of human personality. Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 219: The Psychology of Mental Illness

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course surveys the origins, symptoms, and treatment of various forms of mental illness described in the Diagnostic and Statistical Manual of Mental Disorders (Revision 5- TR, March, 2022). Current theories of the causes of mental disorders are also discussed, along with recent research evidence to support or question these explanations. Controversies associated with the cause, course, and treatment of mental illness as well as ethical considerations will be covered. Legal implications for mentally disordered offenders will be considered, along with other legal issues associated with mental disorders. Prerequisite: PSY 103 or permission of the instructor. (UG)

PSY 220: Life Span Development

3 Credit Hour(s)

This course will explore human psychological development from birth through aging, including physiological, cognitive, and psychosocial changes that occur from birth until death. The role of individual/personality characteristics, relationships with others, and the sociocultural environment in which individuals live will be discussed with regard to their influence on social, cognitive, emotional, and psychophysiological development. Current research and theories used to describe and explain human growth and change will be discussed within the framework of the scientific method. Prerequisite: PSY 103. (UG)

PSY 231: Behavior Disorders of Childhood and Adolescence

3 Credit Hour(s)

This course introduces psychological conditions that occur in childhood and adolescence (infancy to 18 years) including Anxiety and Mood Disorders, Conduct Disorder, Attention Deficit Disorders, Language and Learning Disabilities, Intellectual Disability, Autism Spectrum Disorder, disorders of basic physical functions (for example, eating disorders), and psychological aspects of medical conditions. The course is grounded in psychological science, and therefore is evidence based and includes research methods and ethical issues in research and treatment of developmental psychopathology. Prerequisite: PSY 103. (UG)

PSY 232: Experiemental Animal Behavior

3 Credit Hour(s)

This course will discuss the use of animals in research, and how they have furthered our understanding of cognition, social behavior, and affective disorders (including anxiety disorders and depressive disorders) in humans. We will discuss ethics, history, and experimental analysis of animal behavior. This course will involve lecture, discussion, debates, case examples, other in-class activities, and video clips. (UG)

PSY 301: The Psychology of Human Sexuality and Sexual Health

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course examines the biological, psychological, emotional, and social components of human sexual behavior. Sample topics include historical aspects of human sexuality, theories of human sexual behavior and attitudes, love and attraction, gender identity, sexuality across different stages of development, sexual dysfunctions and disease, and forms of sexuality that are currently listed in the DSM 5 as symptomatic of a paraphilic disorder. Topics will be discussed within the framework of the scientific method, and may also address ethical and legal considerations. Presentation of course material and the discussions that occur will sometimes require exposure to sexually explicit materials and/or content. Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 304: Counseling and Interviewing

3 Credit Hour(s)

This course is an introduction to theories of counseling and psychotherapy, emphasizing the acquisition of basic skills in listening and interviewing. This is a practical and applied as well as theoretical course including demonstrations of counseling techniques, and practice using these techniques in class. Course format is varied, including lecture, group discussion, team based activities, and hands-on practice of skills being learned in lecture portions of the course. Evidence-based counseling techniques will be discussed. Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 306: Forensic Psychology

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course surveys multiple ways in which the field of psychology and the legal system interact. Theories of criminal behavior, available treatment for mentally ill offenders, and ethical controversies related to psychologists' involved in law are also discussed. Topics include expert testimony, mental disorders and crime, competency to stand trial and the insanity defense, eyewitness testimony and other questions of evidence, forensic assessment (polygraph testing, hypnosis), psychopathy, serial murder, sexual offending, and juvenile crime. Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 308: Health Psychology

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course examines psychosocial influences on how we stay healthy, why we become sick, and why individuals have different responses when they become ill. The biopsychosocial model will be discussed as it relates to individuals' risk for illness, resilience, ability to achieve optimal wellness, and longevity. Topics include placebo and nocebo effects, stress and coping, trauma and resilience, personality and disease, emotional influences on illness, health behavior change, addiction, eating disorders, and medical adherence. Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 309: Assessment in Psychology and Education

3 Credit Hour(s)

This course considers historical, political, and legal aspects of testing and reviews currently available tests of aptitudes, skills, personality traits, and mental health. The course will review test construction, test item selection and interpretation, and ethical issues that arise in testing/assessment situations. Students in this course will participate in hands-on activities that help them develop skills in test use and interpretation of test results. Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 314: Biological Bases of Behavior

3 Credit Hour(s)

Fulfills core competencies: Critical Thinking and Problem Solving; Contextual Integration. A survey of biological influences on behavior. The primary emphasis is on the physiological regulation of behaviors in humans and other vertebrate animals as they relate to neuronal, hormonal, and developmental structure and function. Topics include perception, cognition, sleep, eating, sexual behaviors, learning, cognition, and mental disorders. Prerequisite: PSY 103 or permission of instructor. (UG)

PSY 318: Heroes, Healers, and Do-Gooders: The Psychology of Helping and Altruism

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Coming primarily from a Social Psychological perspective, this course covers the psychology of how, when, and why people contribute to the well-being of others. Topics covered will include the evolutionary origins of prosocial behavior, cost-reward considerations when deciding to help, and the influence of norms and emotions on willingness to help. Further consideration will be given to the debate over the existence of altruistic acts, volunteerism, the traits that characterize being a helper and a helpee, and cooperation both within and between groups. Prerequisites: PSY 103. (UG)

PSY 320L: Research Design and Analysis I Lab

0 Credit Hour(s)

This course provides an introduction to the basic statistical procedures used in modern behavioral sciences, as well as the tools and basic procedures used for computing them in statistical software packages (e.g., SPSS). In doing so, students will gain both the conceptual and computational knowledge necessary to appropriately employ such statistical analyses. Topics include (but are not limited to) assessing and constructing graphs/tables, probability, descriptive and inferential statistics, correlation, parametric versus nonparametric tests, interpreting statistical significance, and using statistical software to achieve these goals. By the end of this course students will recognize statistical analyses as an integral component to the scientific process. Students will not only be able to apply such analytical techniques to their own research efforts, but will develop their ability to critically evaluate conclusions derived from such procedures offered by the scientific community and the popular media. Prerequisite: PSY 103;Corequisite: PSY 320 (UG)

PSY 322: Research Design and Analysis II

4 Credit Hour(s)

This course will facilitate the understanding of psychology as a science by introducing students to the basic research methods and statistical analyses by which psychologists gather, analyze, and evaluate data. Topics include correlational methods, survey methods, observational designs, single subject methods, basic experimental methods, and an introduction to more advanced methods. Students will engage in hands-on laboratory exercises that include writing literature reviews, planning research studies, collecting and statistically analyzing data with a statistical software program (e.g., SPSS), and reporting research results in the style and format of the American Psychological Association (APA). Students will not only be able to apply analytical and methodological research techniques to their own research efforts, but will develop their ability to critically evaluate conclusions derived from such procedures offered by the scientific community and the popular media. This course culminates in a required APA-style literature review and basic research proposal. This is the second course in a required sequence of research courses for upper division psychology majors. Prerequisite:Upper division status in the Psychological Sciences department, which includes successful completion of PSY 333 and PSY 333L. (UG)

PSY 322L: Research Design and Analysis II Lab

0 Credit Hour(s)

This course will facilitate the understanding of psychology as a science by introducing students to the basic research methods and statistical analyses by which psychologists gather, analyze, and evaluate data. Topics include correlational methods, survey methods, observational designs, single subject methods, basic experimental methods, and an introduction to more advanced methods. Students will engage in hands-on laboratory exercises that include writing literature reviews, planning research studies, collecting and statistically analyzing data with a statistical software program (e.g., SPSS), and reporting research results in the style and format of the American Psychological Association (APA). Students will not only be able to apply analytical and methodological research techniques to their own research efforts, but will develop their ability to critically evaluate conclusions derived from such procedures offered by the scientific community and the popular media. This course culminates in a required APA-style literature review and basic research proposal. This is the second course in a required sequence of research courses for upper division psychology majors. Corequisite: PSY 322 (UG)

PSY 325: Practicum in Psychology

3 Credit Hour(s)

This course is an opportunity for students to gain practical experience in a community agency, business organization, legal, political, or other setting that allows for the application of psychological science to a field placement. This course enables you to apply the theories, research, and specific psychology content you have learned to date in your undergraduate curriculum to a real-world setting. Therefore, this course will supplement your classroom learning to date, with first-hand experience in professional settings which are appropriate for your academic background and career objectives. Prerequisite: Jurnior or Senior Status in the Psychology major. (UG)

PSY 335: Junior Seminar in Psychology

3 Credit Hour(s)

This course involves students in an in-depth exploration of a specific topic or a series of related topics in contemporary psychology through primary source readings in the research literature, and secondary source material relevant to discussion and analysis (topics may vary each semester). Course format is generally discussion rather than lecture oriented. Brief lectures may be used to provide a framework for discussion and debate. Students develop critical thinking, critical reading, analytic, research, and writing skills by preparing discussion topics in both oral and written format. Prerequisite: Upper division status in Psychology and completion of PSY 353/353L with C- or better, or permission of instructor. (UG)

PSY 350: Social Science Research and Writing

3 Credit Hour(s)

This course will facilitate the scientific understanding of social science disciplines by introducing students to basic reading and writing skills used within social science research. Topics include how to identify, search for, read, and evaluate scholarly sources as well as developing research ideas and hypotheses, and important ethical considerations. Students develop critical thinking, critical reading, analytic, research, and writing skills by preparing discussion and presentation topics in both oral and written formats. This course culminates in a literature review outline or annotated bibliography related to a specific identified research topic. For those students who are upper-division psychology majors, this course is the first in a required sequence of research courses. Prerequsite: PSY 103 (UG)

PSY 354: Advanced Research Methods in Psychology

4 Credit Hour(s)

Fulfills core competency: Information Literacy, Research, and Presentation requirement, Writing Intensive. The purpose of this course is to introduce undergraduate Psychology majors to more advanced research methods used in the field of psychological science, as well as to further practice and begin to master their corresponding applications. Some of these advanced methodologies represent more complex versions of the simpler methods learned in the prerequisite research sequence course (PSY 353), whereas others represent conceptually new methods that have not yet been introduced. The goals of this course are to encourage students to consider important philosophical, ethical, and measurement concepts as they relate to more advanced methodologies, both experimental and non-experimental, and to apply selected statistical concepts to these more advanced methodologies. Most importantly, all students should demonstrate continued improvement and development towards mastery relative to the prior course in the research sequence (PSY 353) in assessing the value, validity, and proper application of research claims. This critical evaluation of research claims means learning to read and understand peer reviewed research, consider the methodology used to arrive at a particular finding, and evaluate whether such methodologies are capable of providing the information such claims suggest. In this second more advanced methods course, students should demonstrate significant development relative to the first course in their ability to understand peer reviewed research papers/findings, and their ability to evaluate whether or not the conclusions based on particular methodologies are reasonable given the nature of the research designs. In addition, students in this second course should demonstrate continued development and progress towards mastery in using APA style to report research findings, and to develop literature reviews and research proposals. This course will require small group projects, computer lab sessions in which students statistically analyze data, library sessions for database and other literature review/research, and research experiences in which students collect data and/or analyze existing data. Therefore, students should expect to work outside of class at least two hours per week throughout the semester on course-related projects. Prerequisite: PSY 353/L with C- or better and upper division status. (UG)

PSY 354L: Advanced Research Methods in Psychology Lab

0 Credit Hour(s)

Laboratory component of PSY 354. Advanced research and statistical analysis techniques in psychological science. Corequisite: PSY 354. (UG)

PSY 380: Drugs and Behavior

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course surveys behavioral effects of psychotropic drugs as a result of drug distribution, drug elimination, and drug-receptor interactions in the body. It covers fundamentals of neuroanatomy and neurophysiology as they relate to these, and emphasizes current, historical, and moral vs. legal contexts for use and distribution in the US and other countries. Other drug classes are considered and discussed for comparative purposes. It includes drug classification and development and the role of learning and addiction as they relate to drug use/abuse. Because mental disorders are among the most debilitating conditions worldwide and are commonly comorbid with other psychiatric, and medical illnesses, the course is useful to students of behavioral, legal, and healthcare-related fields. Prerequisites: PSY 103. (UG)

PSY 391: Psychology and Culture

3 Credit Hour(s)

Fulfills core competency: Critical Thinking, Problem Solving, and Contextual Integration. Given the increasing rate of intercultural contact through the media, technological advances in communication, and of face-to-face contact, an appreciation of human behavior as it develops and is understood within diverse cultures is essential. This course will explore how culture influences human thought and behavior. Students will explore to what extent our identities and ways of thinking are common across the different cultures in our world and to what extent are they unique to our own cultural environments and experiences. In order to thoroughly examine this, the course will explore the individual, universal, and cultural-specific influences involved in human development, morality, emotion, cognition, mental health and treatment, relationships and attraction, and gender conceptualizations. This course will integrate multiple sub-fields within psychology challenging students to integrate and examine psychological theories and principles through the lens of culture. Through examining scientific literature, classroom discussion, and applying psychological principles and theories learned previously, students will consider how culture has shaped their own personal experiences and beliefs as well as develop an application of why certain cultures engage in specific behaviors and belief systems. Prerequisite: PSY 103 Completion of 55 credits. (UG)

PSY 393: The Origins of Psychology

3 Credit Hour(s)

A perusal of the various journals in psychology or an examination of any psychology conference schedule seems to suggest that psychology is a highly disjointed discipline. However, psychology is unified through its historical traditions and systems of thought. In this course, we will explore the roots of modern psychological thought and methodology. We will trace these roots from their origins in philosophy and the natural sciences through the early schools of psychology (e. g., Functionalism, Structuralism, Gestalt, etc.) and on into its current form. We will also examine the lives and works of the men and women whose work created psychology's foundation. Through these explorations we will discover the common threads and patterns interwoven into the broad tapestry of psychology. Prerequisite PSY-103, completion of 55 credits. (UG)

PSY 440: Senior Capstone Seminar

3 Credit Hour(s)

This capstone course serves as a culminating experience required of all Psychology majors and is an extension and application of the knowledge students have accumulated during the major. This course will involve students in an in-depth exploration of a specific topic or a series of related topics in contemporary psychology through relevant scholarly sources (i.e., primary source readings and secondary source material relevant to discussion and analysis) and by making connections among a variety of areas within psychology (topics may vary each semester). Course format is generally discussion rather than lecture oriented; however, brief lectures may be used to provide a framework for each topic. Students develop critical thinking, critical reading, analytic, research, and writing skills by preparing discussion and presentation topics in both oral and written format. Additionally, students will apply the theories, research, and specific psychological content learned to date in their undergraduate curriculum to a capstone project that proposes original research and makes connections across multiple areas of psychology. The specific topic for this course will provide an in-depth survey of research examining the self, with an emphasis on self-esteem. The goal is to provide students with an overview of the major theories and research findings on the self and to understand how these topics are connected to cognition, emotion, motivation, social behavior, mental health and psychological well-being, and interpersonal relationships. Some of the overarching questions we will address in this class will be: How do people think and feel about themselves? What are the consequences of our self-feelings? What is self-esteem, how does it develop, and why do we need it? How automatic are these processes? What implications does self-esteem have for health and well-being? Prerequisites: Upper division status in the Psychological Sciences department and PSY 353 and 353L with a minimum grade of C-. (UG)

PSY 444: Senior Thesis

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Research and Presentation requirement. Writing Intensive. This capstone course is one of the options for the capstone requirement that represents the culmination of the required research sequence for psychology majors. Activities include: completion and submission of the HSRRC proposal, continued research into psychological literature, preparation of all testing materials, arranging lab space for data collection, recruitment, data collection and analysis, completion of a manuscript prepared utilizing the format and style of the American Psychological Association, and a public oral presentation of student research projects. Prerequisites: successful completion of PSY 354/354L (C- or better) and senior status in psychology. Junior year students who meet the prerequisite requirements may be eligible by permission of instructor. (UG)

PSY 445: Senior Practicum in Psychology

3 Credit Hour(s)

This course is an opportunity for students to gain practical experience in a community agency, business organization, or other psychology-related setting. This course enables students to apply the theories, research, and specific psychology content they have learned to date in their undergraduate curriculum to a real world setting. Therefore, this course will supplement students' classroom learning to date, with first-hand experience in professional settings which are appropriate for their academic background and career objectives. As this course is meant to be a senior capstone experience, there will also be an academic component of the course, which includes a weekly seminar involving presentations and discussions of relevant ethical and organizational issues related to psychology as both a scientific and and applied discipline. In addition, students will be required to complete a scholarly, critical review of the theoretical and empirical literature on an issue/topic related to the practicum experience they are completing and design a possible intervention based on the empirical literature that could assist with a problem or issue they identify as relevant to their field site. Students will also make a public oral presentation of their applied research analysis. Prerequisites: successful completion of PSY 354/354L (C- or better) and senior status in psychology. (UG)

PSY 446: Capstone in Psychological Sciences

3 Credit Hour(s)

The Senior Capstone in Psychology serves as a culminating experience required of all Psychology majors. It is an extension and application of the knowledge students have accumulated during the major. Throughout the various stages of their capstone projects, students will apply the theories, research, and specific psychological content they have learned to date in their undergraduate curriculum to either a thesis experience or a practicum experience. Students will submit a complete manuscript and a public presentation of their work in either poster or oral presentation format. The manuscript will be prepared research sequence. This text can provide a reference for many advanced statistical procedures in SPSS that are commonly used in thesis projects.Prerequisite: Upper Division Status in the Department, which includes successful completion of PSY 354 with a minimum grade of C-, as well as a 2.50 departmental and cumulative GPA. (UG)

PSY 457: Independent Study Or Research

1-6 Credit Hour(s)

This course is an opportunity for students to become involved in research outside the classroom under the mentorship of a faculty member (s) in the department. Students may assist faculty with ongoing research, design their own project, or design an extension of prior faculty research or their own prior research. Prior coursework and skills required to participate may vary by project/faculty mentor. Open to juniors and seniors with a 2.5 GPA, no current Incomplete grades, and permission of the instructor. Sophomore students with exceptional preparation may also be considered. Students must complete an independent study contract in order to register for this course (see department chair and/or your faculty mentor for details). (UG)

PSY 458: Field Experience in Psychology

1-6 Credit Hour(s)

This course is an opportunity for students to gain practical experience in a community agency, business organization, or other psychology-related setting. This is not the same as the PSY 445 capstone course. Prerequisite: Permission of psychology department chair. Individual agencies/organizations may also require students to complete specific requirements prior to placement (e.g., specific coursework, background checks, upper division status, etc.) (UG)

Social Work

Contact Information

phone: (716) 839-8515
daemen.edu/socialwork

Chair

Diane R. Bessel
(716) 566-7876

Degrees Offered

- **Bachelor of Science in Social Work**
- **Master of Social Work**

Accreditation Information

The Social Work baccalaureate program is an accredited program. You can find SW accreditation information in our catalog.

Mission Statement

Daemen University Bachelor of Arts in Social Work (BASW) Program prepares its students to use the generalist intervention model to effectively address the needs and desires of diverse individuals, families, groups, organizations, and communities, in various settings, and at all levels of social work practice.

The BASW Program is grounded in the liberal arts, with a strong emphasis on service here at home and in the world. It teaches its students to engage in critical thinking, research, and awareness of social structures, policies, and systems to identify problems and advance strategies designed to educate, empower, and ensure access to resources, rights, and opportunities. The BASW program also encourages the development of greater self-awareness, cultural competence, and humility among emerging practitioners as well as the delivery of culturally responsive programs and services

Program Goals

In accordance with its mission, the Daemen University BASW Program seeks to:

- Prepare students with the knowledge, values, skills, cognitive and affective processes, and critical judgment necessary for effective practice and/or advanced study in social work;
- Encourage critical self-reflection and self-management as well as a commitment to life-long learning as part of ethical and professional social work behavior;
- Ensure students are prepared to engage diversity and difference in practice – integrating knowledge of human behavior and the environment; awareness of oppression, discrimination, power, and privilege; and recognition of how each can shape life experiences – while also advocating for social, economic, and environmental justice and the advancement of human rights;
- Provide opportunities for students to engage in practice with various constituencies and in multiple settings – using research to inform practice and practice to inform research; and
- Enrich the local, national, and international community through service, research, innovation, and other capacity-building support.

Program Objectives

Graduates of the Daemen University Bachelor of Arts in Social Work Program will demonstrate that they are able to:

- Demonstrate ethical and professional behavior;
- Engage diversity and difference in practice;
- Advance human rights and social, economic, and environmental justice;
- Engage in practice-informed research and research-informed practice;
- Engage in policy practice;
- Engage with individuals, families, groups, organizations, and communities;
- Assess individuals, families, groups, organizations, and communities;
- Intervene with individuals, families, groups, organizations, and communities; and
- Evaluate practice with individuals, families, groups, organizations, and communities.

Admission Requirement

First-year students are admitted to the Social Work program on a conditional basis. In the second semester of the sophomore year, students must complete the Upper Division application and participate in an interview in order to be fully accepted into the Social Work program.

Bachelor of Science in Social Work

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog.

1. Major: 60 CREDITS

- SOC201 Introduction to Sociology (3)
- SOC224 Ethnicity, Race & Cultural Diversity (3)
- SOC303 Sociology of the Family (3)
- SW218 Introduction to Social Work and Social Welfare (3)
- SW311 Social Work Research I (3)
- SW312 Social Work Research II (3)
- SW315 Professional Communication in Social Work (3)
- SW325 Foundations of Generalist Practice I: Social Work Method (3)
- SW326 Foundations of Generalist Practice II: Individuals and Families (3)
- SW333 Human Behavior & the Social Environment I (3)
- SW334 Human behavior & the Social Environment II (3)
- SW424 Foundations of Generalist Practice III: Groups (3)
- SW432 Contemporary Social Welfare Policy & Practice (3)
- SW454 Foundations of Generalist Practice IV: Organizations & Communities (3)
- SW451/SW451S Field Experience in Social Work I (5/1)
- SW452/SW452S Field Experience in Social Work II (5/1)

Requirements outside of the Major courses:

- CMP101 Composition (3)
- Any course in Political Science or Economics (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - MTH104 Survey of Statistics (3)
    - BIO103 Human Biology (3)
  - Social Sciences:
    - PSY103 Introduction to Psychology (3)
    - PSY219 Psychology of Mental Illness (3)
  - Humanities:
    - Introductory Language Coursework Level I; SPA101/CA102/SED102 recommended (3)
    - Introductory Language Coursework Level II; SPA102/CA106/SED106 recommended (3)

3. Free Electives: 24 CREDITS

Note: A maximum of six (6) credits may be taken in Social Work courses.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Admission to Upper Division Requirements

1. Completion of: BIO103; MTH104; PSY103; SOC201; SOC224; SOC303; SW/SOC218; 3 credits in an Economics course AND 3 credits in a Political Science course.
2. A cumulative grade point average (GPA) of 2.0 at the end of the sophomore year, and C or better in

all Social Work courses.
3. Submission of evidence of 120 hours of volunteer experience in a social work or human service program.
4. Completion of the upper division application including a personal statement.
5. Submission of two letters of recommendation.
6. Satisfactory completion of interview with the Social Work Admissions Committee.

Students should consult the Bachelor of Arts in Social Work Student Handbook, available from the Social Work Department, for complete application, entry, and upper division continuance requirements.

*Transfer students must submit an application for upper division at the time of acceptance to the college and prior to registration for classes.

Admission to Field Experience (SW451/451S-452/452S)

1. Upper division status and minimum grade point average (GPA) of 2.50.
2. Minimum grade of C in all Social Work courses
3. Completion of Field Experience application
4. Two letters of recommendation from volunteer experiences
5. Submit evidence of the completion of six credits in Social Work/Sociology electives
6. Satisfactorily complete an interview with the Field Coordinator

Continuance in Field Experience

Maintenance of a 2.50 cumulative GPA; a grade of P (Pass) in SW451; a minimum grade of C in all Social Work courses including SW451S; adherence to the NASW Code of Ethics. All non-Social Work requirements for the baccalaureate must be fulfilled or taken concurrently with SW452/452S.

Graduation Requirements

1. An overall grade point average (GPA) of 2.50
2. A minimum grade of C in each of the Senior Social Work courses and grade of P (Pass) in Field Experiences

Suggested Course Sequence

Access the suggested course sequence for the **BS, Social Work**, from the Social Work Department web page or the Program Plans site on the Registrar's web page.

Master of Social Work

Advanced Standing MSW Admission Requirements:

Earned a Bachelor's Degree in Social Work (BA, BS or BSW) within the last five years from a CSWE accredited program.

Submit ALL official transcripts from colleges and universities attended (Regionally accredited colleges and universities only).

Complete and submit a Daemen College graduate school application (Application fee $25.00) and fulfill the admission requirements of the Graduate School at Daemen College.

Complete and submit a 3-4 page typed personal statement that focuses on the following points:

- Your experience in social work, including volunteer experience.
- The life experiences that impacted your interest in social work.
- Your personal qualities will be useful in serving others as a social work professional.
- Your values will be useful in serving others as a social worker.
- Your career goals and how social work education will help you achieve these goals.

Have an overall GPA of 3.0 and GPA of 3.2 or higher in major courses such as

- Social Work Methods I/II
- Research Methods I
- Human Behavior in the Social Environment I/II
- Field Instruction I/II

Provide three letters of reference: 1 letter from the BSW Program Chair; 1 letter from an academic source and 1 letter from a volunteer/community source.

- Provide a copy of the final evaluations (Field Instruction I and II)
- Have completed courses in Human Biology and Statistics with a grade of "C" or better
- A minimum combined, verbal and quantitative, score of 285 or higher (800 on GRE Scores prior to 2012) on the Graduate Record Examination (GRE) taken within five years prior to application for admission

REQUIRED COURSES

- SW514 Applied Research and Data Analysis (3)*
- SW611 Crisis Management w/ Evidenced Based Interventions (3)
- SW612 Advanced Clinical Practice w/ Evidence-Based Interventions (3)
- SW617 Psychopathology (3)
- SW619 Field Instruction III and Seminar (3)
- SW620 Field Instruction IV and Seminar (3)
- SW652 Concentration: Children and Families I** (3)
- SW653 Concentration: Children and Families II** (3)
- SW680 Social Work Licensure Preparation (0)
- SW682 Clinical Practice w/ Children (3)
- Elective Credit (3)

*Entering Advanced Standing students without a second research course, must take this course.

**Concentration: Children and Families I and II

TOTAL PROGRAM REQUIREMENTS = 30-33 CREDITS

Traditional MSW Admission Requirements:

A baccalaureate degree from an accredited college or university.

Submit ALL official transcripts from colleges and universities attended (Regionally accredited colleges and universities only).

Complete and submit a Daemen College graduate school application (Application fee: $25.00) and fulfill the graduate admissions requirements of Daemen College.

Complete and submit a 3-4 page typed personal statement that focuses on the following points:

- Your experience in social work, including volunteer experience.
- The life experiences that impacted your interest in social work.
- Your personal qualities will be useful in serving others as a social work professional.
- Your values will be useful in serving others as a social worker.
- Your career goals and how social work education will help you achieve these goals.

Provide three letters of reference: 2 from an academic source and 1 from a volunteer experience.

A minimum combined, verbal and quantitative, score of 285 or higher (800 on GRE Scores prior to 2012) on the Graduate Record Examination (GRE) taken within five years prior to application for admission.

Have an overall GPA of 2.7 or higher.

Have completed courses in Human Biology and Statistics with a grade of "C" or better.

REQUIRED COURSES

- SW509 Theories of Organizational Behavior and Development (3)
- SW511 Foundations of Micro/Mezzo Practice (3)
- SW512 Foundations of Macro Practice (3)
- SW513 Social Work Research (3)
- SW514 Applied Research and Data Analysis (3)
- SW515 Oppression, Power and Change (3)
- SW516 Social Welfare History, Policy, and Services (3)
- SW517 Human Behavior in the Social Environment I(3)
- SW519 Field Instruction I and Seminar (3)
- SW520 Field Instruction II and Seminar (3)
- SW602 Child and Family Policy (3)
- SW612 Advanced Clinical Practice w/ Evidence-Based Interventions (3)
- SW617 Psychopathology (3)
- SW619 Field Instruction III and Seminar (3)
- SW620 Field Instruction IV and Seminar (3)
- SW652 Concentration: Children and Families I* (3)
- SW653 Concentration: Children and Families II* (3)
- SW680 Social Work Licensure Preparation (0)
- SW682 Clinical Practice w/ Children (3)
- Elective Credit (6)

*Concentration: Children and Families I and II

TOTAL PROGRAM REQUIREMENTS = 60 CREDITS

Time Limitation for Degree Completion

The full-time MSW Program may be completed in two (2) calendar years.

The Master of Social Work Program at Daemen College does not award credit for life experience.

Requirements for Graduation

- Application for Degree: All graduate students are required to file an **Application for Degree** form with the Registrar's Office at the onset of the final term of study. The application is accessible on the Registrar's web page.
- Minimum grade point average (GPA) of 3.00.

Anthropology

ANT 210: Contemporary Native America

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. The course introduces students to the current conditions of American Indians/First Nations/ indigenous peoples of North America. A foundation will be laid in ethnography, which will cover the anthropological culture area concept and culture areas. Emphasis will be placed on the Southwest, Prairie/Plains, Northwest Coast, Arctic, and Northeast (including the Great Lakes) areas. Aspects of culture change, assimilation, and acculturation will be discussed as models for viewing historical culture contact. With this, the effects of important legislative influences will be introduced. The post-World War II environment of termination and urbanization will introduce a discussion of sustainability of traditional cultures, which characterize the struggles of native communities as evidenced in movements such as A.I.M. and others. (UG)

Sociology

SOC 110: Individual, College and Society: Introduction to the Sociological Imagination

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. The purpose of this course is to introduce beginning Daemen students to some of the core concepts drawn from sociology while at the same time giving them an opportunity to see the relationship between themselves, colleges and universities, and the social world. In addition, a significant amount of attention will be devoted to orienting students to a competency-based core curriculum, in general, and critical thinking, in particular. Further, students will be introduced to the current literature on what it means to be educated, the purposes of colleges and universities, the meaning of an undergraduate degree, the purposes of liberal education, and what society needs from higher education. (UG)

SOC 201: Introductory Sociology

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. The systematic study of social behavior and human groups. Examination of the influence of social relationships upon people's attitudes and behavior and on how societies are established and changed. (UG)

SOC 202: Individual and Society

3 Credit Hour(s)

Focus on social interaction, the emergence of mind and the development of the self. Examines the symbolic aspect of the individual and the constructed nature of his or her mental world environment. (UG)

SOC 209: Social Problems

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Major social problems, e.g., racism, sexism, heterosexism, militarism, crime, substance abuse, poverty and their effect on the individual and society, will be examined. Theories will be evaluated relative to the role that existing social arrangements play in perpetuating social problems. (UG)

SOC 217: Alcoholism, Substance Abuse and Other Addictions

3 Credit Hour(s)

Cross-listed as SW 217. Examines the broad range of important facts and information about AOD use and abuse. The major legal and illegal drugs, patterns and trends in drug usage, the history of drug usage in our culture, public policy and treatment issues will be the focus of the course. Students will also explore the concept of addictions as the framework for analysis of AOD use and abuse. Prerequisite: SOC 201 or 209 or permission of instructor. (UG)

SOC 218: Introduction to Social Work and Social Welfare

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as SW 218. This course introduces students to the history of social welfare as a social institution and to the profession of social work. The course provides an overview of the professional knowledge, skills, and values that are necessary for effective generalist social work practice. Attention is given to learning about key factors that led to the development of social work as a profession, social welfare policies that govern the delivery of social welfare services and the evolution of social work practice with specific client populations. (UG)

SOC 224: Ethnicity, Race and Cultural Diversity

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Writing Intensive. Explores the dynamics of human diversity and social differentiation. Differentiation based upon race, ethnic identification, sex, and sexual orientation, majority and minority groups, lifestyle and life chances; social class and caste will be examined. (UG)

SOC 232: The Aging Process: An Introduction to Gerontology

3 Credit Hour(s)

Cross-listed as SW 232. Examines a profile of aged Americans; major biological, psychological and sociocultural paradigms of aging; societal and individual response to the aged and the aging process. (UG)

SOC 243: Child Welfare Policy and Services

3 Credit Hour(s)

Cross-listed as SW 243. Presents concepts, policy and practices in the field of child welfare. The needs of children and their families as well as programs designed to meet these needs are examined. Content also includes the child welfare service system, historical and current developments, child abuse and neglect, and the legal system relative to child welfare services. Prerequisite: SOC 201, or PSY 302, or permission of instructor. (UG)

SOC 303: Sociology of the Family

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. Writing Intensive. A study of thefamily as a distinctive social world; emphasis on the structuring and dynamics of the family; cross-cultural comparisons; analysis of contemporary family systems. (UG)

SOC 304: Social Class and Inequality

3 Credit Hour(s)

Examination of the existence of different types of inequality and the various explanations for them. Historical and structural interconnections with various forms of inequality will also be explored. Prerequisite: SOC 201. (UG)

SOC 305: Sociology of Sport

3 Credit Hour(s)

Fulfills Service Learning requirement This course provides an in-depth sociological examination of sport in American society in an effort to create a better understanding of sport as both a positive and negative social force on people's lives. (UG)

SOC 307: The Juvenile Justice System

3 Credit Hour(s)

Cross-listed as SW 307. This course will present concepts, policies and practices regarding Juvenile Justice in our country. The subject is examined in relation to the needs of children, their families, the major programs and social services that have been designed for them, and the issues which emerge for future planning. The intent of the course is to instill in students a desire to advocate for children in our society and to provide students with a basis for more proficient practice in their chosen field. Prerequisite: PSY 103 or SOC201. (UG)

SOC 327: Death, Dying and Bereavement

3 Credit Hour(s)

Cross-listed as SW 327. Students are guided through an examination of death as a universal human experience. The psychological and sociocultural impact of dying will be explored as well as a brief history of thanatology, the process of grief, mourning and bereavement, ethical issues concerning death, legal aspects of death, euthanasia and funeral and last rites. Prerequisites: SOC 201, PSY 103. (UG)

SOC 328: Basic Training in Military Culture

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Moral & Ethical Discernment. Cross- listed as SW 328. The United States has been engaged in some form of combat across the world for almost a hundred years. Understanding military culture and the environmental and political nature of the military is crucial for all service providers. The current war on terror presents its own challenges and stressors due to the total force concept of the military, long deployments and redeployments, signature injuries of PTSD and traumatic brain injuries (TBIs), anxiety, depression, and suicide. This course will engage students in researching information regarding the historical and contemporary aspects of military culture; the physical and mental wounds combat veterans suffer from, including the signature injuries of the current conflicts, and their impact on military families. Students will examine the structure, policies and services of the Veterans Administration, and local veteran community providers. Students will also engage in field research as they spend some time with a service provider in the Veteran community and engage in conversation with guest speakers from the military community. Prerequisites: SOC 110 or SOC 201 or PSY 103. (UG)

SOC 411: Contemporary Issues in Mental Health

3 Credit Hour(s)

Cross-listed as SW 411. This course is structured with a glance to the past and a view of the future of mental health and the mental health system. Themes that will be explored are the history of mental health, the mental health system, governmental roles in the mental health system, mental health services, the mental health exam, assessment of lethality and crisis intervention, children and the mental health system, dual diagnosis, the elderly and the mental health system, religion, race, ethnicity and gender and mental health, consumer rights and the mental health system and mental health services in the managed care environment. (UG)

SOC 432: Contemporary Social Welfare Policy and Services

3 Credit Hour(s)

Cross-listed as SW 432. This course focuses on the functional analysis of contemporary social welfare policies. It emphasizes the political and economic implications of major social welfare legislation as well as the linkage between social problems and social policies, programs, and services. Students are also introduced to the legislative process and engage in projects to develop their advocacy skills. Prerequisites: SW 311 and senior status in Social Work program. (UG)

Social Work

SW 217: Alcoholism, Substance Abuse and Other Addictions

3 Credit Hour(s)

Cross-listed as SOC 217. Examines the broad range of important facts and information about AOD use and abuse. The major legal and illegal drugs, patterns and trends in drug usage, the history of drug usage in our culture, public policy and treatment issues will be the focus of the course. Students will also explore the concept of addictions as the framework for analysis of AOD use and abuse. Prerequisite: SOC 201 or 209 or permission of instructor. (UG)

SW 218: Introduction to Social Work & Social Welfare

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. Cross-listed as SOC 218. This course introduces students to the history of social welfare as a social institution and to the profession of social work. The course provides an overview of the professional knowledge, skills, and values that are necessary for effective generalist social work practice. Attention is given to learning about key factors that led to the development of social work as a profession, social welfare policies that govern the delivery of social welfare services and the evolution of social work practice with specific client populations. (UG)

SW 226: Adolescence: Interdisciplinary Approach To the Understanding and Treatment of Adolescents

3 Credit Hour(s)

A course designed to provide students with both theoretical understanding and practical skills for dealing with adolescent behavior. Primary emphasis will be on working more effectively with adolescents. (UG)

SW 232: The Aging Process: An Introduction to Gerontology

3 Credit Hour(s)

Cross-listed as SOC 232. Examines a profile of aged Americans; major biological, psychological and sociocultural paradigms of aging; societal and individual response to the aged and the aging process. (UG)

SW 243: Child Welfare Policy and Services

3 Credit Hour(s)

Cross-listed as SOC 243. Presents concepts, policy and practices in the field of child welfare. The needs of children and their families as well as programs designed to meet these needs are examined. Content also includes the child welfare service system, historical and current developments, child abuse and neglect, and the legal system relative to child welfare services. Prerequisite: SOC 201, or PSY 302, or permission of instructor. (UG)

SW 307: The Juvenile Justice System

3 Credit Hour(s)

Cross-listed as SOC 307. This course will present concepts, policies and practices regarding Juvenile Justice in our country. The subject is examined in relation to the needs of children, their families, the major programs and social services that have been designed for them, and the issues which emerge for future planning. The intent of the course is to instill in students a desire to advocate for children in our society and to provide students with a basis for more proficient practice in their chosen field. Prerequisite: PSY 103 or SOC201. (UG)

SW 311: Social Work Research I

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Together with SW 312 - combination of both meets Research and Presentation requirement. Engages students in an exploration of research focusing on scientific inquiry, problem formation, use of scholarly literature, research design, measurement, sampling, research ethics, culturally sensitive research, data analysis, and evaluation of research. Introduces students to major research techniques used to observe and interpret the social world including experimental design; single subject design; surveys; qualitative research; and applied social work research. Prerequisite: SW 218. (UG)

SW 312: Social Work Research II

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Writing Intensive. Together with SW 311 - combination of both courses meet Research and Presentation requirement. Building on SW 311, students participate in the design and implementation of a real world research project. Students gain experience using data analysis software (qualitative and/or quantitative) and present their research findings as part of a conference. Students complete a full research paper including introduction, literature review, methodology, and results sections. Prerequisite: SW 311. (UG)

SW 315: Professional Communication in Social Work

3 Credit Hour(s)

This course offers students an opportunity to learn techniques for enhancing their interpersonal interactions and listening skills, basic writing and problem solving skills, and the ability to present information to various audiences. It focuses on the development of communication skills which focus on self (technology-based communication tools, resume writing), as well as interaction-based and organizational communications. Students will also research an issue of concern to a high need population group and engage in various persuasive writing techniques to educate and engage others. Prerequisite: SW218; Limited to Social Work majors. (UG)

SW 325: Foundations of Generalist Practice I: Social Work Method

3 Credit Hour(s)

This is the first course in a four-course practice sequence. This course introduces the generalist practice model of professional social work. It emphasizes use of the problem solving approach and examines core theories of social work practice with various client systems. Content focuses on the ethical use of value-based, culturally sensitive techniques for effective engagement, assessment, intervention, and evaluation. Prerequisites: SW 218 and upper division status in Social Work program. (UG)

SW 326: Foundations of Generalist Practice II-Individuals and Families

3 Credit Hour(s)

This is the second course in a four-course practice sequence. In this course, students continue to apply the principles that guide professional social work practice with particular emphasis placed on micro-level practice.The course focuses on the interactional skills necessary for work with individuals and families (both voluntary and involuntary). Students are required to spend 2 hours per week in service learning. Prerequisites: SW 325 and upper division status in Social Work program. (UG)

SW 327: Death, Dying and Bereavement

3 Credit Hour(s)

Cross-listed as SOC 327. Students are guided through an examination of death as a universal human experience. The psychological and sociocultural impact of dying will be explored as well as a brief history of thanatology, the process of grief, mourning and bereavement, ethical issues concerning death, legal aspects of death, euthanasia and funeral and last rites. Prerequisites: SOC 201, PSY 103. (UG)

SW 328: Basic Training in Military Culture

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Moral & Ethical Discernment. Cross- listed as SOC 328. The United States has been engaged in some form of combat across the world for almost a hundred years. Understanding military culture and the environmental and political nature of the military is crucial for all service providers. The current war on terror presents its own challenges and stressors due to the total force concept of the military, long deployments and redeployments, signature injuries of PTSD and traumatic brain injuries (TBIs), anxiety, depression, and suicide. This course will engage students in researching information regarding the historical and contemporary aspects of military culture; the physical and mental wounds combat veterans suffer from, including the signature injuries of the current conflicts, and their impact on military families. Students will examine the structure, policies and services of the Veterans Administration, and local veteran community providers. Students will also engage in field research as they spend some time with a service provider in the Veteran community and engage in conversation with guest speakers from the military community. Prerequisites: SOC 110 or SOC 201 or PSY 103. (UG)

SW 333: Human Behavior and Social Environment I

3 Credit Hour(s)

This course engages students in analysis of the behavior of individuals, families, groups, organizations and communities in their bio-psycho-socio-cultural milieu. The theoretical paradigms that impact the development of individuals, families, groups, organizations and communities are examined with special emphasis on evaluating the impact of social class, gender, sexual orientation, and racial/ethnic group membership.Prerequisites: SW 218, SOC 224, BIO 103 and upper division status in Social Work program, or permission of instructor. (UG)

SW 334: Human Behavior and Social Environment II

3 Credit Hour(s)

This course engages students in analysis of the behavior of individuals, families, groups, organizations and communities in their bio-psycho-socio-cultural milieu. The theoretical paradigms that impact the development of individuals, families, groups, organizations and communities are examined with special emphasis on evaluating the impact of social class, gender, sexual orientation, and racial/ethnic group membership. Prerequisites: SW 333 and upper division status in Social Work program, or permission of instructor. (UG)

SW 351: Intervention in Marriage and Family Problems

3 Credit Hour(s)

The course introduces students to the area of marital and family dynamics with particular focus on the major areas of dysfunction. Through both analysis of the essential elements of these relationships as well as introspective looks at their own families, students learn to identify the primary reasons for marital and family discord. Prerequisite: Junior status. (UG)

SW 411: Contemporary Issues in Mental Health

3 Credit Hour(s)

Cross-listed as SOC 411. This course is structured with a glance to the past and a view of the future of mental health and the mental health system. Themes that will be explored are the history of mental health, the mental health system, governmental roles in the mental health system, mental health services, the mental health exam, assessment of lethality and crisis intervention, children and the mental health system, dual diagnosis, the elderly and the mental health system, religion, race, ethnicity and gender and mental health, consumer rights and the mental health system and mental health services in the managed care environment. (UG)

SW 424: Foundations of Generalist Practice III: Groups

3 Credit Hour(s)

This is the third course in a four-course practice sequence.This course explores the nature of social work interventions with groups - focusing on history; theoretical phases of group development; typical group settings; various types of groups (task; psycho-social or educational; mutual aid, support, or self-help; family; treatment); and key ethical standards to be applied when working within groups. Students will also learn about group processes and dynamics by assessing and evaluating the activities of a group currently operating in the community. They will also engage in group facilitation. Special attention will be paid to diversity and the factors that may limit or oppress specific group members or populations. Offered concurrently with the first semester of field placement. Prerequisites: SW 326, 334, senior status in Social Work program. (UG)

SW 432: Contemporary Social Welfare Policy and Services

3 Credit Hour(s)

Cross-listed as SOC 432. This course focuses on the functional analysis of contemporary social welfare policies. It emphasizes the political and economic implications of major social welfare legislation as well as the linkage between social problems and social policies, programs, and services. Students are also introduced to the legislative process and engage in projects to develop their advocacy skills. Prerequisites: SW 311 and senior status in Social Work program. (UG)

SW 451: Field Experience in Social Work I

5 Credit Hour(s)

Requires students to complete a 420-hour, supervised field placement experience (210 hours per semester). Field Education affords students the opportunity to maximize the integration of social work knowledge, values, and skills in a community setting. Students are given the opportunity to work with diverse clients including individuals, families, groups, organizations, and communities. Students are also encouraged to grow their professional network by engaging with other social work practitioners. Prerequisite: SW 325, SW 326 and senior status in social work program. Offered each fall semester. Corequisite: SW 451S (UG)

SW 451S: Field Experience in Social Work I Seminar

1 Credit Hour(s)

This is the first course in a two-course sequence.This course focuses on the enhancement of generalist practice professional social work skills and the integration of theory and practice concurrently with the student's field placement. The course offers students an opportunity to process their field placement experiences in a safe, confidential, and educationally enriching environment. The role of diversity in social work practice will also be addressed. Corequisite: SW 451 (UG)

SW 452: Field Experience in Social Work II

5 Credit Hour(s)

Requires students to complete a 420-hour, supervised field placement experience (210 hours per semester). Field Education affords students the opportunity to maximize the integration of social work knowledge, values, and skills in a community setting. Students are given the opportunity to work with diverse clients including individuals, families, groups, organizations, and communities. Students are also encouraged to grow their professional network by engaging with other social work practitioners. Prerequisite: SW 451 and senior status in Social Work program. Offered each spring semester. Corequisite:SW 452S. (UG)

SW 452S: Field Experience in Social Work II Seminar

1 Credit Hour(s)

This is the second course in a two-course sequence. This course builds on issues raised in SW 451S with increased emphasis on student knowledge. In this second semester of Field Education, students are expected to demonstrate their knowledge of social work methods by engaging and assessing a client, designing and implementing an intervention for the client, and evaluating their practice. Corequisite: SW 452. (UG)

SW 454: Foundations of Generalist Practice IV: Organizations and Communities

3 Credit Hour(s)

This is the fourth course in a four-course practice sequence. This course focuses on macro-level social work practice. Students will learn how to engage organizational and community-based assessments in order to create structures and processes that reduce the vulnerability of at risk populations; enhance access to needed resources; and/or foster social and economic justice.The course will also examine the important role of leadership related to service delivery and social policy. Prerequisite: SW 424. (UG)

SW 457: Independent Study Or Research

1-6 Credit Hour(s)

Individually guided research in social work. Prerequisite: Senior status in Social Work program. (UG)

Visual And Performing Arts

Contact Information

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Chair

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Degrees Offered

- **Bachelor of Fine Arts in Animation**
- **Bachelor of Fine Arts in Art Illustration**
- **Bachelor of Fine Arts in Graphic Design**
- **Bachelor of Fine Arts in Studio Arts**
- **Bachelor of Science in Art**
- **Bachelor of Science in Arts Management**

Please see the Education Department section of the Catalog for information on the B.S. in Visual Arts Education.

Minors

- **Art**
- **Art History**
- **Entrepreneurship**
- **Pre-Art Therapy**
- **Graphic Design**
- **Graphic Design and Marketing**
- **Graphic Design for Non-Art Majors**
- **Illustration**
- **Theater Arts**

Mission Statement

The unique mission of the VPA is grounded in the fine arts and prepares students through research, practice, and theory to become professionals in the creative sector. Upon completion of degree requirements, our students are prepared to enter an ever-changing society as innovative, productive, and culturally literate citizens. VPA's mission, which supports the Liberal Arts tradition of the university, is to provide essential visual training to students of all majors in the creation and analysis of images in order to navigate an increasingly visual society.

Academic Programs

VPA students may pursue Bachelor of Fine Arts Degrees in Animation, Graphic Design, Illustration, Visual Arts Education or a Bachelor of Science in Arts Management. Students may also pursue minors in Graphic Design, Illustration, Applied Theatre, History of Art, or Entrepreneurship.

Upon completion of their coursework, students will be able to:

- Demonstrate mastery of aesthetic terms, technical and media applications, and performance tools;
- Visually analyze works in a clear and concise manner through written assignments and group critiques;
- Identify major stylistic and historical art movements through a significant exposure to Art History;
- Complete the conceptual process of locating a problem, experimenting with a variety of solutions, and determining and supporting the most effective and communicative visual solution;
- Determine a set of educational goals, and form a plan for their attainment;
- Present work to the public in a polished manner, both conceptually and technically;
- Apply the relevant tools to continue research in their field after graduation;
- And utilize effectively their technical and intellectual skills within their career as an artist, educator, performer, designer, or creative professional.

Students receiving a B.F.A in Visual Arts Education will have completed all required classroom work necessary

to pursue a Primary or Secondary teaching position, and entry into a Master's Program.

Admission Requirements

ALL BFA; BS, ART; BS, ARTS MANAGEMENT WITH FINE ARTS SPECIALIZATION:

Submission of Art Portfolio is required. Portfolios should consist of 15-20 works of art and include examples of observational drawing. Special consideration may be given to talented students who lack formal art training. (An Art Portfolio is not required of applicants to BS, Arts Management or Theater specializations.)

Admission to Upper Division

BFA, ANIMATION; BFA, ART; BS, ART;

1. Completion of a minimum of 45 semester hours, which includes the full foundation program in Art.
2. An overall grade point average (GPA) of 2.0 or better.
3. An overall grade point average (GPA) of 2.0 or better in Art courses. **BFA, Animation:** An overall grade point average (GPA) of 2.0 or better in required Art courses and in Animation courses.
4. Submission of upper division application, reflective essay, and portfolio of work to be reviewed by the Visual & Performing Arts faculty.

Graduation Requirements

1. An overall grade point average (GPA) of 2.00
2. **BFA Programs and BS, Art:** complete all requirements for ART498 Senior Exhibition;
3. **BFA Programs**: Participate successfully in two group critiques during the senior year;
4. Minimum grade of C in:
    - **BFA, Animation:** ART445; ART490; all Animation courses.
    - **BFA, ART: Drawing/Illustration specialization-Drawing emphasis**: ART204, ART205, ART306, ART345, ART346, ART445, ART490.
    - **BFA, ART: Drawing/Illustration specialization-Illustration emphasis**: ART230, ART346, ART381, ART382, ART383, ART445, ART490.
    - **BFA, Graphic Design**: ART219, ART301, ART319, ART320, ART420, ART445, ART490.
    - **BFA, ART: Painting specialization**: ART325, ART326, ART425, ART426, ART445, ART490.
    - **BFA, ART: Sculpture specialization**: ART267, ART367, ART368, ART445, ART464, ART490.
    - **BS, ARTS MANAGEMENT**: ACC225, ACC226, ARTA450, BA211, BA220, ECO201, FIN325, HSM350, MGT208, MGT312, MIS280, MKT209, MKT312.

Please refer to the Education Department section of this catalog for information on the **BFA in Visual Arts Education**.

Bachelor of Fine Arts in Animation

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the Gen Ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 87 CREDITS

- ART103 Foundation Design I (3)
- ANIM107 Foundation Digital Design (2)
- ART105 Foundation Drawing I (3)
- ANIM106 Foundation Drawing II (3)
- ART204 Figure Drawing I (3)
- ART205 Figure Drawing II (3)
- ART443 Issues & Methodologies in Contemporary Art (3)
- ART445 Special Projects (3)*
- ART446 History of Contemporary Art: 1940 – Present (3)
- ART490 Senior Project (3)*
- THA230 Acting for Animators (3)
- ANIM101 Principles of Animation (2)*
- ANIM102 Introduction to Prospective and Photoshop (1)*
- ANIM104 Intermediate Perspective and Photoshop (1)*
- ANIM201 History of Animation (3)*
- ANIM203 Editing and Sound Basics (1)*
- ANIM210 Introduction to Animation (2)*
- ANIM211 Animation Basics I (3)*
- ANIM212 Animation Basics II (3)*
- ANIM215 Cartooning (3)*
- ANIM217 Layout (3)*
- ANIM218 Storyboarding (3)*
- ANIM250 Character Design (3)*
- ANIM301 History of Animation Mid-20th Century to Today (3)*
- ANIM311 Animation Basics III (3)*
- ANIM317 CG Systems I (3)*
- ANIM411 Animation Basics IV (3)*
- ANIM415 Portfolio Preparation (1)*
- Animation Electives: Select 11 credits from the following:
  - **2-Dimensional Studies:**
    - ANIM302 Harmony Rigging (1)*
    - ANIM303 Harmony Rig Animation (1)*
    - ANIM274 Gesture Drawing: Drawing in Action (3)*
    - ANIM309 Concept Art/Visual Development (3)*
    - ANIM320 Two-Dimensional Effects in Animation (3)*
    - ANIM327 Background Painting (3)*
    - ART345 Advanced Drawing I (3)*
  - **3-Dimensional Studies:**
    - ANIM318 CG Systems III (3)*
    - ANIM333 CG Systems II (3)*
    - ANIM341 Digital Compositing (3)*
    - ANIM421 Advanced Lighting (3)*
    - ANIM429 Dynamics & Particles (3)*
    - ANIM432 Maya Character Modeling & Rigging (3)*
    - ANIM450 Advanced Character Animation (3)*
- CMP101 English Composition (3)

NOTE: * Minimum grade C required

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discoveries (9)

- Breadth – Exploration:
  - Natural Sciences and Mathematics
    - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences
    - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - IND285 History of Art: Renaissance-Modern (3)
    - Choose one course from: English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

3. Free Electives: 3 CREDITS

TOTAL PROGRAM REQUIREMENTS = 126 CREDITS

Requirements for **Animation; Art; Arts Administration Programs: Admission, Admission to Upper Division, Graduation** – consult the Visual & Performing Arts Department section of the catalog or the Program Plans option on the Registrars web page.

Suggested Course Sequence

Access the course sequence for the **BFA, Animation**, from the Visual & Performing Arts web page or from the Program Plans site on the Registrar's web page.

Bachelor of Fine Arts in Art (Painting, Sculpture, Drawing/Illustration)

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the Gen Ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

BFA, Art- Drawing/Illustration Specialization – Drawing Emphasis ***(currently not accepting new students)***

1. Major: 87 CREDITS

- ART103 Foundation Design I (3)
- ART104 Foundation Design II (3)
- ART105 Foundation Drawing I (3)
- ART106 Foundation Drawing II (3)
- ART204 Figure Drawing I (3)
- ART205 Figure Drawing II (3)
- ART219 Graphic Design I (3)
- ART230 Computer Rendering (3)
- ART240 Woodcuts and Monoprints (3)
- ART319 Graphic Design II (3)
- ART331 Art Reading List (3)
- ART383 Illustration III (3)
- ART345 Advanced Drawing I (3)
- ART443 Issues and Methodologies in Contemporary Art (2)
- ART446 History of Contemporary Art:1940-Present (3)
- ART334 Digital Photography OR ART455 Photography (3)
- Complete 1 Painting Course. Choose one of the following:
  - ART225 Watercolor Painting I (3)
  - ART325 Introductory Oil Painting (3)
  - ART326 Introductory Acrylic Painting (3)
- ART306 Figure Drawing III* (3)
- ART346 Advanced Drawing II* (3)
- ART381 Illustration I* (3)
- ART382 Illustration II* (3)
- ART445 Special Projects* (3)
- ART490 Senior Project* (3)
- Art History Electives (3)
- Art Studio Electives (9)
- ART498 Senior Art Exhibit (1)
- CMP101 Composition (3)

Note: * Minimum C grade required

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:

- IND275 History of Art: Ancient-Medieval (3)
- IND285 History of Art: Renaissance-Modern (3)

3. Free Electives: 3 CREDITS

Note: ART subject not permitted.

TOTAL PROGRAM REQUIREMENTS = 126 CREDITS

BFA, Art- Drawing/Illustration Specialization – Illustration Emphasis

1. Major: 78 CREDITS

- ART103 Foundation Design I (3)
- ART104 Foundation Design II (3)
- ART105 Foundation Drawing I (3)
- ART106 Foundation Drawing II (3)
- ART204 Figure Drawing I (3)
- ART205 Figure Drawing II (3)
- ART219 Graphic Design I (3)
- ART319 Graphic Design II (3)
- ART331 Art Reading List (3)
- ART345 Advanced Drawing I (3)
- ART443 Issues & Methodologies in Contemporary Art (2)
- ART445 Special Projects (3)
- ART446 History of Contemporary Art: 1940 – Present (3)

- ART334 Digital Photography OR ART455 Photography (3)
- Complete 1 Painting Course. Choose one of the following:
  - ART225 Watercolor Painting I (3)
  - ART325 Introductory Oil Painting (3)
  - ART326 Introductory Acrylic Painting (3)
- ART230 Computer Rendering (3)*
- ART346 Advanced Drawing II (3)*
- ART381 Illustration I (3)*
- ART382 Illustration II (3)*
- ART383 Illustration III (3)*
- ART445 Special Projects (3)*
- ART490 Senior Project (3)*
- Art History Electives (3)
- Art Studio Electives (9)
- ART498 Senior Art Exhibit (1)
- CMP101 Composition (1)

Note: * Minimum grade C required

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - IND275 History of Art: Ancient-Medieval (3)
    - IND285 History of Art: Renaissance-Modern (3)

3. Free Electives: 6 CREDITS

Note: A maximum of 3 credits may be taken in Art courses.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

BFA, Art- Painting Specialization *(currently not accepting new students)*

1. Major: 75 CREDITS

- ART103 Foundation Design I (3)
- ART104 Foundation Design II (3)
- ART105 Foundation Drawing I (3)
- ART106 Foundation Drawing II (3)
- ART204 Figure Drawing I (3)
- ART205 Figure Drawing II (3)
- ART331 Reading List (3)
- ART345 Advanced Drawing I (3)
- ART443 Issues and Methodologies in Contemporary Art (2)
- ART446 History of Contemporary Art:1940-Present (3)
- ART455 Photography OR ART334 Digital Photography (3)
- ART325 Introductory Oil Painting (3)*
- ART326 Introductory Acrylic Painting (3)*
- ART425 Painting III (3)*
- ART426 Painting IV (3)*
- ART445 Special Projects (3)*
- ART490 Senior Project (3)*
- Art History Electives (3)
- Art Studio Electives (18)
- ART498 Senior Art Exhibit (1)
- CMP101 Composition (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - IND275 History of Art: Ancient-Medieval (3)
    - IND285 History of Art: Renaissance-Modern (3)

3. Free Electives: 9 CREDITS

Note: Art subject not permitted and 3 credits must also be taken in Service Learning.

Note: * Minimum grade C required

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

BFA, Art – Sculpture Specialization *(currently not accepting new students)*

1. Major: 75 CREDITS

- ART103 Foundation Design I (3)
- ART104 Foundation Design II (3)

- ART105 Foundation Drawing I (3)
- ART106 Foundation Drawing II (3)
- ART204 Figure Drawing I (3)
- ART205 Figure Drawing II (3)
- ART331 Reading List (3)
- ART345 Advanced Drawing I (3)
- ART443 Issues and Methodologies in Contemporary Art (2)
- ART446 History of Contemporary Art:1940-Present (3)
- ART455 Photography OR ART334 Digital Photography (3)
- ART267 Sculpture I (3)*
- ART367 Sculpture II (3)*
- ART368 Sculpture III (3)*
- ART445 Special Projects (3)*
- ART464 Sculpture IV (3)*
- ART490 Senior Project (3)*
- Art History Electives (3)
- Art Studio Electives (18)
- ART498 Senior Art Exhibit (1)
- CMP101 Composition (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - IND275 History of Art: Ancient-Medieval (3)
    - IND285 History of Art: Renaissance-Modern (3)

3. Free Electives: 9 CREDITS

Note: Art subject not permitted and 3 credits must also be taken in Service Learning.

Note: * Minimum grade C required

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Requirements for **Animation; Art; Arts Administration Programs: Admission, Admission to Upper Division, Graduation** – consult the Visual & Performing Arts Department section of the catalog or the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the suggested course sequences for: **BFA, Art:Drawling/Illustration specialization-Drawing**, **BFA, Art: Drawing/Illustration specialization-Illustration**, **BFA, Art: Painting specialization**; **BFA, Art: Sculpture specialization** from the Visual & Performing Arts web page or from the Program Plans site on the Registrar's web page.

Bachelor of Fine Arts in Graphic Design

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the Gen Ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. MAJOR: 78 CREDITS

- ART103 Foundation Design I (3)
- ART104 Foundation Design II (3)
- ART105 Foundation Drawing I (3)
- ART106 Foundation Drawing II (3)
- ART219 Graphic Design I (3)*
- ART221 Computer Rendering I (1)
- ART222 Computer Rendering II (1)
- ART223 Computer Rendering III (1)
- ART287 History of Design (3)
- ART301 Motion Graphics (3)*
- ART319 Graphic Design II (3)*
- ART320 Web Design (3)*
- ART331 Art Reading List (3)
- SELECT ONE:
  - ART334 Digital Photography (3)
  - ART455 Photography (3)
- ART381 Illustration I (3)
- ART431 Professional Practice (3)
- ART420 Advertising Design (3)*
- ART435 Advanced Typography (3)
- ART439 Serigraphy (3)
- ART443 Issues and Methodologies in Contemporary Art (3)
- ART445 Special Projects (3)*
- ART446 History of Contemporary Art: 1940 – Present (3)
- ART490 Senior Project (3)*
- Art Studio Electives (12)
- CMP101 English Composition (3)

Note: *Minimum grade C required

1. GENERAL EDUCATION: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration
  - Natural Sciences and Mathematics (6)
  - Social Sciences (6)
  - Humanities:
    - IND275 History of Art: Ancient-Medieval (3)
    - IND285 History of Art: Renaissance-Modern (3)

FREE ELECTIVES: 6 CREDITS

Note: A maximum of 3 credits may be taken in Art courses.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Requirements for **Animation; Art; Arts Administration Programs: Admission, Admission to Upper Division, Graduation** – consult the Visual & Performing Arts Department section of the catalogue or the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the *suggested* course sequence for the **BFA, Graphic Design**, from the Visual & Performing Arts web page or from the Program Plans site on the Registrar's web page.

Bachelor of Fine Arts in Studio Arts

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the Gen Ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 69 CREDITS

1.
   - ART103 Foundation Design I (3)*
   - ART104 Foundation Design II (3)*
   - ART105 Foundation Drawing I (3)*
   - ART106 Foundation Drawing II (3)*
   - ART204 Figure Drawing I (3)*
   - ART205 Figure Drawing II (3)*
   - ART219 Graphic Design I (3)
   - ART251 Ceramics I (3)*
   - ART325 Intro to Oil Painting (3)*
   - ART334 Digital Photography (3)*
   - ART345 Advanced Drawing I (3)*
   - ART331 Art Reading List (3)
   - ART381 Illustration I (3)*
   - ART431 Professional Practice (3)*
   - ART439 Serigraphy (3)*
   - ART443 Issues & Methodologies in Contemporary Art (3)
   - ART445 Special Projects (3)*
   - ART446 History of Contemporary Art: 1940 – Present (3)
   - ART490 Senior Project (3)*
   - ENTR301 The Entrepreneurial Skill Set (3)
     - Prerequisite- ENTR201 (will take as Learning Community)
   - Art Studio Electives (6)
   - CMP101 English Composition (3)

NOTE: * Minimum grade C required

2. General Education Curriculum: 36 CREDITS

-
  - First Year Seminar (3)
  - Learning Communities (6)
  - Depth – Discoveries (9)
  - Breadth – Exploration:
    - Natural Sciences and Mathematics
      - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (6)
    - Social Sciences
      - Choose two courses from: Anthropology, Economics, History, Psychology, Linguistics, Political Science, and Sociology. (6)
    - Humanities:
      - IND275 History of Art: Ancient-Medieval (3)
      - IND285 History of Art: Renaissance-Modern (3)

3. Free Electives: 15 CREDITS

TOTAL PROGRAM REQUIREMENTS = 126 CREDITS

Requirements for **Animation; Art; Arts Administration Programs: Admission, Admission to Upper Division, Graduation** – consult the Visual & Performing Arts Department section of the catalog or the Program Plans option on the Registrars web page.

Suggested Course Sequence

Access the course sequence for the **BFA, Studio Arts**, from the Visual & Performing Arts web page or from the Program Plans site on the Registrar's web page.

Bachelor of Science in Art

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 66 CREDITS

- ART103 Foundation Design I (3)
- ART104 Foundation Design II (3)
- ART105 Foundation Drawing I (3)
- ART106 Foundation Drawing II (3)
- ART204 Figure Drawing I (3)
- ART230 Computer Rendering (3)
- ART251 Ceramics I (3)
- ART267 Sculpture I (3)
- ART331 Art Reading List (3)
- ART443 Issues & Methodologies in Contemporary Art (2)
- ART446 History of Contemporary Art:1940-Present (3)
- Art History Electives: (3)
- Art Studio Electives: (12)
- ART498 Senior Art Exhibit (1)
- IND-275 History of Art: Ancient – Medieval (3)
- IND-285 History of Art: Renaissance-Modern (3)
- CMP-101 Composition (3)
- **SELECT ONE:**
  - ART225 Watercolor Painting I (3)
  - ART325 Introductory Oil Painting (3)
  - ART326 Introductory Acrylic Painting (3)
- **SELECT ONE:**
  - ART240 Woodcuts and Monoprints (3)
  - ART439 Serigraphy (3)
- **SELECT ONE:**
  - ART334 Digital Photography (3)
  - ART455 Photography (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discoveries (9)
- Breadth – Exploration:
  - Natural Sciences and Mathematics:
    - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science (6)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - Choose two courses from: English, Language (French or Spanish), Music, Philosophy, Religion and Theater. (6)

3. Free Electives: 18 CREDITS

NOTE: *No courses in major are allowed*

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Requirements for **Animation; Art; Arts Administration Programs: Admission, Admission to Upper Division, Graduation** – consult the Visual & Performing Arts Department section of the catalog or the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the course sequence for the **BS, Art** from the Visual & Performing Arts web page or from the Program Plans site on the Registrar's web page.

Bachelor of Science in Arts Management

General Education Curriculum

All degree programs require completion of the **General Education Curriculum**. A complete description of the gen ed and its requirements are available in the **General Education Curriculum** section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

- 1. Major: 81 CREDITS
  - ART107 Visual Experience (3)
  - ART400 Practical Seminar (3)
  - ARTA450 Practicum (3)
  - BA211 Effective Business Communications (3)
  - BA220 Diversity & Cross Cultural Management (3)
  - BA/HPR352 Grants & Contract Development (3)
  - ENTR201 The Entrepreneurial Mindset (3)
  - ENTR301 The Entrepreneurial Skill Set (3)
  - ENTR401 Entrepreneurship in Action (3)
  - IND285 History of Art: Renaissance-Modern (3)
  - IND/WST328 Images of Women in Arts and Media (3)
  - IND334 Non-Western Art & Culture (3)
  - LEAD300 Creative Leadership: Integrating Leadership Theory into Practice (3)
  - LIT201 World Lit I (3)
  - LIT309 Film Seminar (3)
  - MGT208 Principles of Management (3)
  - MGT312 Human Resource Management (3)
  - MKT209 Principles of Marketing (3)
  - PHI110 Philosophical Thinking (3) or PHI113 Critical Thinking with Google (3)
  - PHI314 Philosophy of Art (3)
  - THA103 Basic Acting (3)
  - THA106 Introduction to Theatre (3)
  - THA108 Masked Performance (3)
  - ART or THA Elective (3)
  - CMP-101 Composition (3)

- 2. General Education Curriculum: 36 CREDITS
- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discoveries (9)
- Breadth- Exploration:
  - Natural Sciences and Mathematics:
    - MTH-104 (3)
    - Choose two courses from: Math, Biology, Biochemistry, Chemistry, Environmental Science, Physics, and Computer Science. (3)
  - Social Sciences:
    - Choose two courses from: Anthropology, Economics, Geography, History, Psychology, Linguistics, Political Science, and Sociology. (6)
  - Humanities:
    - THA-119
    - REL-114

3. Free Electives: 6 CREDITS

- 3 credits must fall under Liberal Arts and Sciences. No ART courses allowed.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Requirements for – **BS Arts Management** – consult the Visual & Performing Arts Department section of the catalog or the Program Plans option on the Registrar's web page.

Suggested Course Sequence

Access the course sequence for the **BS Arts Management** program from the Visual & Performing Arts web page or from the Program Plans site on the Registrar's web page.

Art Minor

The emphasis of the Art minor may be in studio practice, art history or any combination of the two areas.

NOTE: ART101 Introduction to the Visual Arts is an acceptable course.

Requirements (18 credits)

- ART103 Foundation Design I (3)
- ART105 Foundation Drawing I (3)
- **Select 12 credits in Art courses: 6 credits must be at the 300 or 400 level.**Courses will be selected with departmental advisement.

Art History Minor

(Open to students in any major)

Requirements: (18 credits)

- IND275 History of Art: Ancient-Medieval (3)
- IND285 History of Art: Renaissance-Modern (3)
- ART436 Overview of Aesthetics (3)
- ART446 History of Contemporary Art: 1940-Present (3)
- **Select one:** IND/WST328 Image of Women in Art and the Media (3); IND334 Non-Western Art and Culture (3)
- **Select one:** HST109 Western Civilization to 1500 (3); HST111 Western Civilization since 1500 (3); LIT304 The Romantic Movement in English Literature (3) -CI, AA

Entrepreneurship Minor

Contact Information

Program Director

Dan Shanahan, Assistant Professor, and Program Director

(716) 566-7890

dshanaha@daemen.edu

The Minor in Entrepreneurship is an Interdisciplinary Minor designed for all majors and all career paths.

Entrepreneurship classes introduce students to an entrepreneurial skill set with significant emphasis on project-based learning and the development of original entrepreneurial initiatives, in addition to a more directed study of business methodology. A liberal arts education provides the necessary lens to view the entrepreneurial mindset by encouraging students to find creative and innovative ways to apply their knowledge to solve real-world problems.

As part of the program students will learn to:

- Experiment with innovative ideas
- Seek professional and experienced advice from mentors
- Create opportunities that utilize their initiatives and their talents
- Apply the knowledge acquired within the public sphere
- Solve problems within traditional job settings using creative thought processes

The Minor in Entrepreneurship introduces students to the skills needed to effectively and creatively implement successful initiatives that will shape their community, lead to great personal satisfaction, and be a key economic driver. The ability to think creatively, examine challenges, and identify opportunities are important for lifelong success in all career paths.

Requirements: (15 credits)

- ENTR201 The Entrepreneurial Mindset (3)
- ENTR301 The Entrepreneurial Skill Set (3)
- ENTR401 Entrepreneur in Action (3)
- 6 credits of electives from the following choices:
  - ACC226 Managerial Accounting (3)
  - ART445 Special Project in: Animation, Graphic Design or Illustration (3)
  - BA201 Intro Int'l Business (3)
  - BA220 Diversity & Cross Cultural Management (3)
  - BA/HPR352 Grant Writing (3)
  - ECO201 Principles of Microeconomics (3)
  - MGT208 Principles of Management (3)
  - MGT/HPR311 Non-Profit Management (3)
  - MKT209 Principles of Marketing (3)
  - MKT210 E-Commerce (3)
  - MTH104 Survey of Statistics (3)
  - PHI110 Critical Thinking with Google (3)
  - PHI113 Philosophical Thinking (3)
  - SUST/BA344 Sustainable Business Practices (3)
  - SUST351 Urban Planning/Community Development (3)

PRE-ART THERAPY MINOR (Art Majors)

POSTED BY: TOM WOJCIECHOWSKI JUNE 23, 2018

NOTE: This minor is recommended for **BS Art** students. The minor course work will be fulfilled with studio art and psychology courses to prepare students to pursue further education in the area of art therapy.

Required Art Courses (15 credits)

- ART105 Foundations of Drawing I (3)
- ART106 Foundations of Drawing II (3)
- ART225 Painting: Watercolor (3)
- ART251 Ceramics I (3)
- ART267 Sculpture I (3)

Additional Requirements (18 credits)

- EDU301 Methods and Materials: Art (3)
- PSY103 Intro to Psychological Science (3)
- PSY212 Developmental Psychology (3)
- PSY219 Psychology of Mental Illness (3)
- PSY231 Behavior Disorders of Childhood and Adolescence (3)
- Elective PSY (3)*

***NOTE**: Consult Advisor for recommended course.

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Graphic Design Minor

Requirements: (18 credits)

- ART103 Foundation Design I (3)
- ART105 Foundation Drawing I (3)
- ART219 Graphic Design I (3)
- ART319 Graphic Design II (3)
- ART320 Graphic Design III (3)
- **Select one**: ART155 Photography for Non-Majors (3); ART455 Photography (3)

Graphic Design and Marketing Minor

Requirements: (15 credits)

- ART103 Foundations Design I (3)
- ART104 Foundation Design II (3)
- ART219 Graphic Design I (3)
- ART230 Computer Rendering (3)

Choose **ONE** course from below:

- ART319 Graphic Design II, Typography (3)
- ART301 Motion Graphics (3)
- ART320 Web Design (3)

Plus TWO of the following recommended electives (6 credits):

- MKT209 Principles of Marketing (3)
- MKT210 E-Commerce (3)
- MKT302 Physical Distribution (3)
- MKT310 Foreign Markets of International Business (3)
- MKT312 Promotional Strategies (3)
- MKT335 Market Research (3)
- MKT402 Sport Marketing (3)
- MKT420 Marketing Planning & Strategy (3)
- ENTR201 The Entrepreneurial Mind-Set (3)
- ENTR301 The Entrepreneurial Sill-Set (3)
- ART420 Advertising Design (3)

Graphic Design for Non-Art Majors Minor

Requirements: (15 credits)

- ART103 Foundations Design I (3)
- ART104 Foundation Design II (3)
- ART219 Graphic Design I (3)
- ART230 Computer Rendering (3)

Choose ONE course from below:

- ART319 – Graphic Design II, Typography (3)
- ART301 – Motion Graphics (3)
- ART320 – Web Design (3)

Illustration Minor

(OPEN TO ALL MAJORS WITH THE EXCEPTION OF THOSE PURSUING THE ILLUSTRATION EMPHASIS OF THE BFA, ART, DRAWING/ILLUSTRATION SPECIALIZATION)

Requirements: (21 credits)

- ART105 Foundation Drawing I (3)
- ART106 Foundation Drawing II (3)
- ART204 Figure Drawing I (3)
  Select one: ART325 Introductory Oil Painting (3); ART326 Introductory Acrylic Painting (3)
- ART381 Illustration I (3)
- ART382 Illustration II (3)
- ART383 Illustration III (3)

Theater Arts Minor

Requirements: (21 credits)

THEATER LITERATURE: SELECT TWO:

- LIT309 Film Seminar (3)
- LIT318 The English Drama (3)
- LIT319 Modern European and American Drama (3)
- LIT410 Shakespeare (3)
- THA106 Introduction to Theater (3)

PERFORMANCE: SELECT ONE

- THA103 Basic Acting Technique (3)
- THA108 Masked Performance (3)

MOVEMENT: SELECT THREE

- THA207 Improvisation (3)
- THA213 Introduction to Stage Combat (3)
- THA214 Stage Movement (3)
- THA215 Introduction to the Suzuki Method of Actor Training (3)
- THA253 Theater as Outreach (3)

DESIGN: SELECT ONE

- THA222 Costume Design (3)
- THA223 Lighting Design (3)
- THA224 Set Design (3)
- THA225 Sound Design (3)

Unless otherwise specified, art courses are for majors only.

Animation

ANIM 101: Principles of Animation

2 Credit Hour(s)

This course will explore some of the Principles of Animation. It will introduce students to the art of animating on paper. This will include how to roll the paper in order to see the movement of the animation and how to flip the paper while drawing inbetweens so that the motion is continual from one drawing to the next. The students will transition from paper to drawing on the computer, learning animation princilpes along the way. Priority enrollment given to Animation majors. (UG)

ANIM 102: Introduction to Prospective and Photoshop

1 Credit Hour(s)

Perspective is the basic foundation needed to draw a three-dimensional object on a two-dimensional surface. This course will provide instruction on how to draw objects in one point, two point and three point perspective, first by traditional means and then digitally in Photoshop. An introduction into the interface and basic tools needed to navigate and creating drawings in Photoshop will be taught to facilitate the digital aspect of the course. (UG)

ANIM 104: Intermediate Perspective and Photoshop

1 Credit Hour(s)

Perspective is the basic foundation needed to draw a three-dimensional object on a two-dimensional surface. This course will provide instruction on how to draw objects in one point, two point and three point perspective, first by traditional means and then digitally in Photoshop. Building upon the principles learned Intro to Perspective, this course will delve into more complex and detailed perspective. (UG)

ANIM 106: Foundation Drawing II

3 Credit Hour(s)

Cross-listed with ART 106 The second of two courses in drawing fundamentals, ANIM 106 explores a variety of thematic drawing experiences emphasizing work in ink, color pencil and mixed media. Prerequisite: ART 105. Limited to BFA, BS Art and BS Art Ed majors only. (UG)

ANIM 107: Foundation Digit Design

2 Credit Hour(s)

Students will focus on the elements of design through lecture and studio practice. class projects will be comleted in Autodesk Maya and Adobe Photoshop. Students will have a foundation level of understanding of Maya by the completion of this class. Prerequisite ART-103. Animations majors only. (UG)

ANIM 201: History of Animation

3 Credit Hour(s)

History of Animation will introduce students to the context, culture and technology necessary for an understanding of the world of animation. In addition to a history of animation and its practitioners and development, the course also explores what happens to history when it is animated and how animation has been used during the twentieth century to interpret the past. The course also pays attention to the aesthetic of the animated image as well as the unique ability of the image to communicate. Finally, the course will explore the tools, technology used in animation, and the various techniques. Animation from various studios, feature- length animated films, and experimental shorts will be presented. Priority enrollment given to Animation majors. (UG)

ANIM 203: Editing and Sound Basics

1 Credit Hour(s)

This course will instruct students on how to create a film sound track using audio recordings, sound FX and music. It will also discuss film and sound editing techniques. Students will create a variety of sound work using digital audio equipment to support their career track in animation. Priority enrollment given to Animation majors. (UG)

ANIM 210: Introduction to Animation

2 Credit Hour(s)

This course continues the student's introduction to the fundamentals of traditional animation and computer animation through a series of exercises, increasing in difficulty, throughout the term. The course combines lectures with studio exercises to futher advance the foundations of animation principles with more advanced concepts of body mechanics. The course will begin with simple exercises utilizing single objects and progress to more complex animation. Prerequisite: ANIM 101; restricted to Animation majors. (UG)

ANIM 211: Animation Basics I

3 Credit Hour(s)

This course is designed to build upon the concepts discussed in ANIM 210, Intro to Animation. The student will gain a more in-depth understanding of the fundamentals of 2D animation and CG animation through a series of exercises increasing in difficulty throughout the term. The course combines lectures with studio exercises to further emphasize the animation principles as well as a deeper understanding of body mechanics. Prerequisite: ANIM 210; restricted to Animation majors. (UG)

ANIM 212: Animation Basics II

3 Credit Hour(s)

This course builds on the animation knowledge taught in Animation Basics 1. Working on more complex 2D and CG animation exercises and exploring deeper the Principles of Animation. This course enables students to begin to explore acting in their animation. Prerequisite: ANIM 211; restricted to Animation majors. (UG)

ANIM 215: Cartooning

3 Credit Hour(s)

This course introduces students to the design concepts of drawing basic cartoon characters, stressing a solid dimensional approach. Students will learn the skills and techniques to caricature from life and the understanding to create characters for a comic strip, comic book or graphic novel. Prerequisites: ART 105; priority enrollment to Animation majors. (UG)

ANIM 217: Layout

3 Credit Hour(s)

This course is designed to give the student the skills and creative vocabulary needed to design background layouts for Animation. We will begin with broad concepts of composition and classical design, and progress through the technical aspects of perspective, storyboarding and camera moves. Class sessions will involve a balance of lecture material and studio work. This is primarily a drawing class. There will be in-class critiques for most projects. Students will be called upon to participate in collaborative discussions to challenge and defend each other's design choices. This course is also designed (in conjunction with the Animation Department) to work through the preproduction phases of The Sophomore Project. This project will teach students to navigate the comprehensive production pipeline from concept through final animation, preparing them for the process of making a student film. Students must present their finished sophomore project as part of their application to advance into upper division. For this class, the preproduction phases of The Sophomore Project will include story ideas, storyboarding and background design. Prerequisites: ART 103, ART 104, ART 105, ART 106; priority enrollment to Animation majors (UG)

ANIM 218: Storyboarding

3 Credit Hour(s)

This course is designed to give the student the basic tools needed to begin making a short animated film. Through the study of film editing, composition, storyboarding techniques and story structure the student will gain the conceptual and technical tools required to write, storyboard and edit an animatic for a short film. Storyboarding projects and practical exercises will reinforce and enhance the understanding of these concepts. The student will begin to think and problem solve like an animation director. Prerequisites: ANIM 217; restricted to Animation majors. (UG) (UG)

ANIM 250: Character Design

3 Credit Hour(s)

This course will explore the concepts of Character Design, Character Development for Animation. Students will learn how to approach character design and how to progress from concept to finished designs. Through the study of shape, silhouette, color, caricature, underlying structure, costume, using classical and modern drawing techniques, the class will explore ways to make characters appealing, dynamic, interesting and animatable. Prerequisites: ART 106 and ANIM-215; priority enrollment given to Animation majors. (UG)

ANIM 274: Gesture Drawing: Drawing in Action

3 Credit Hour(s)

Drawing from life is the foundation for understanding motion. Shifts in pose, reflected in proportion, balance and articulation, create a believable sense of organic motion. Gestural Drawing will direct the student to observe motion in the physical world, and examine how motion can be individualized and determined by circumstance. Prerequiste: ART 204. (UG)

ANIM 301: History of Animation Mid 20th Century To Today

3 Credit Hour(s)

Writing Intensive. This course will continue the students understanding of the context, culture and technology evolving in the world of animation. In addition to a history of animation and its practitioners and development, the course explores the stylistic changes that swept the industry in the 1950s, the emergence of television animation, the second golden age of Disney animation and the advent of CG animation. The course will delve into the world's changing culture from a literary to visual and the importance of the images being conveyed. Participants will view animation from various studios, studying feature- length animated films as well as narrative and experimental shorts. Prerequisite: ART 201. Priority enrollment given to Animation majors. (UG)

ANIM 302: Harmony Rigging

1 Credit Hour(s)

Harmony Rigging is one of the essential tasks in the production of Harmony based TV/streaming 2D animated shows. This course will teach the process of rigging a 2D character in Harmony from conception of the character design to the finished Harmony rig that is ready for animation. Rotators, bone and envelope deformers, drawing substitutions will be covered. Prerequsites: ANIM 212 (UG)

ANIM 303: 2D Rigged Animation

1 Credit Hour(s)

Students will continue to build on their knowledge of 2d rigged animination for introduced in the Basic Animation classes. This course will cover advance rigged animation techniques with more complicated exercises featuring physical action. The class exercies lend themselves to exaggeration and comic invention. Timing and pre-production planning continue to be an absolute. Prerequisite: ANIM 212 (UG)

ANIM 309: Concept Art & Visual Development

3 Credit Hour(s)

This course is designed to introduce the student to the fundamental professional practices of 2D digital Visual Development and Conceptual Art as it relates to Character Design and Illustration for film, TV and Video Games. The course covers practical, standard work-flow techniques in Photoshop, the proper use of reference material, as well as touching on the need for developing professional practice in the areas of anatomical knowledge and a general development of compositional, design and traditional painting skills, transposed into the digital realm. Classes consist of live practical demonstrations, short in-class exercises and longer assigned projects that require significant creative effort. The in-class exercises are a practical support for the larger, more involved assigned projects. Prerequisites:ART103, ART104, ART105, ART106; priority enrollment to Animation majors. (UG)

ANIM 311: Animation Basics III

3 Credit Hour(s)

Students will continue to build on their knowledge of classical animation principles with more complex exercises featuring physical action and dialogue. The class exercises will explore complex spacing and exaggeration. Thumbnailing, timing and spacing continue to be an absolute must in order to achieve the desired scene. Clean-up and inbetweening exercises will again be provided. Prerequisite: ANIM 212; restricted to Animation majors. (UG)

ANIM 317: CG Systems I

3 Credit Hour(s)

This course is an introduction to the aspects of the CG pipeline other than animation. During the semester we will be exploring each of the software's major interfaces pertaining to being a Technical Director/CG Generalist. Students will learn each of the major stages of production starting with 3D modeling, texturing, basic rigging, lighting, and rendering. Prerequisites: ART 103, ART 104, ART 105, ART 106. Priority enrollment given to Animation majors. (UG)

ANIM 318: CG Systems III

3 Credit Hour(s)

This course will be continuing going into the advanced details of modeling, rigging, and texturing. Most students taking this course will be creating a CG senior film. Therefore, the focus will be on finishing the blend shapes of their model, as well as rigging and texturing the model up to production standards. Activities will also include 3-point lighting, how to light a 3D scene, and the fundamentals of rendering. Prerequisites: ANIM 333. Priority enrollment given to Animation majors. (UG)

ANIM 320: Two-Dimensional Effects in Animation

3 Credit Hour(s)

Effects Animation centers on the mastery of observable physical phenomenon. This includes fire, water, smoke, explosions and more. Students will create effects in traditional 2D animation and in CG. Prerequisite: ANIM 211. (UG)

ANIM 327: Background Painting

3 Credit Hour(s)

Background Painting will introduce the student to the practice of creating background environments for figurative images, including architecture, landscape, and surrounding objects. The student will explore color, value, perspective, theatrical composition, lighting and stylization. In addition, the student will explore how the background enhances the subject, whether it is an animated project, illustration, or comic art. Prerequisite: ART 103, ART 104, ART 105, ART 106; priority enrollment to Animation majors. (UG)

ANIM 333: CG Systems II

3 Credit Hour(s)

This course builds off the skill sets introduced in GC Systems 1 to provide the student with a more complex understanding of computer geometry in order to examine the basic elements of computer models. Modeling, animation, lighting, texture mapping and rendering are explored within a production setting. Prerequisites: ANIM 317 (UG)

ANIM 341: Digital Compositing

3 Credit Hour(s)

In Digital Compositing, the animation student will learn how to combine images in either Harmony or NUKE to create a finished scene. Students will gain the ability to manipulate frame composition, timing, and color by editing their original images. Prerequisite: ANIM 311. (UG)

ANIM 411: Animation Basics IV

3 Credit Hour(s)

Students will continue to build on their knowledge of classical animation principles with more complicated exercises featuring acting and lip sync. The class exercises lend themselves to character interactions and more subtle acting. Timing and pre-production planning continue to be an absolute must in order to achieve the desired scene. Inbetweening exercises will again be provided. Prerequisite: ANIM 311; restricted to Animation majors. (UG)

ANIM 415: Portfolio Preparation

1 Credit Hour(s)

Students will create additional portfolio artwork based on their emphasis in the animation industry they would like to pursue. This course will also work with students to build a basic website to display thwir work and preparae the students for applying for jobs. Prerequisite: ANIM 411. (UG)

ANIM 421: Advanced Lighting

3 Credit Hour(s)

In Advanced Lighting, students will apply previous training in lighting to create realistic environments and objects. Prerequisite: ANIM 411. (UG)

ANIM 429: Dynamics & Particles

3 Credit Hour(s)

In Dynamics and Particles, students will explore Particle Systems and Paint Effects to create advanced images. Class projects will complete dynamic animations with the use of particle systems to integrate realistic motion with visual effects. This course will complete the sequence of 3D skill sets standard in the industry. Prerequisite: ANIM 411 (UG)

ANIM 432: Maya Character Modeling & Rigging

3 Credit Hour(s)

In Maya Character Modeling and Rigging, animation students will continue to explore Maya and learn how to customize Maya to speed up workflow. Advanced topics will be introduced, including squash and stretch, utility nodes, and scripting. Prerequisite: ANIM 318. (UG)

ANIM 450: Advanced Character Animation

3 Credit Hour(s)

Advanced Character Animation is a culmination of previous character modeling and animation courses. Students combine previously learned skill sets to produce character animation that demonstrate motivation and personality. Prerequisite: ANIM 411; restricted to Animation majors. (UG)

Art

ART 101: Introduction to the Visual Arts

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. An exploration of the principles of design and the creative process in the plastic arts through a series of studio projects in a variety of media; periods of lecture and discussion devoted to aesthetics and the history of art. Non-majors only. (UG)

ART 103: Foundation Design I

3 Credit Hour(s)

An exploration of two-dimensional composition with emphasis on the elements and principles of design. Limited to BFA, BS Art and BS Art Ed majors only. (UG)

ART 104: Foundation Design II

3 Credit Hour(s)

The second of two courses in design fundamentals, ART 104 builds upon the elements and principles of design with a comprehensive exploration of color theory. Prerequisite: ART 103. Limited to BFA, BS Art and BS Art Ed majors only. (UG)

ART 105: Foundation Drawing I

3 Credit Hour(s)

Development of visual perception and organization through drawing from nature and life in a variety of drawing media. Limited to BFA, BS Art and BS Art Ed majors only. (UG)

ART 106: Foundation Drawing II

3 Credit Hour(s)

Cross-listed with ANIM 106 The second of two courses in drawing fundamentals, ANIM 106 explores a variety of thematic drawing experiences emphasizing work in ink, color pencil and mixed media. Prerequisite: ART 105. Limited to BFA, BS Art and BS Art Ed majors only. (UG)

ART 107: Visual Experience

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. An investigation of the visual aspects of the world through artistic themes, techniques, and landmarks. Methods of analyzing form will aid students in experiencing aesthetic responses to historical artistic examples and the contemporary, immediate environment. Non-majors only. (UG)

ART 110: Art Animation

2 Credit Hour(s)

Cross-listed as ANIM 110. Course will introduce high school students to the concepts and mark making that are necessary for moving forward into a degree course in Animation. (UG)

ART 114: Creative Community Development

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility; Contextual Integration. Cross-listed as IND-114. This course is designed to engage students in meaningful learning about how the arts are an essential part of our everyday lives and communities. The instructor will engage students in activities that illustrate ways art can be used as a vehicle for community development that seeks to improve community members' well being. The instructor will introduce students to local, national, and international artists, programs, and organizations that are using the arts to positively promote community development and support community members. Students will learn how arts communities (1) are conceived, (2) identify community concerns, (2) plan and use the arts as a way to address those concerns, (3) are funded, and (4) assess their work. The course will connect the arts, healthcare, education, community/cultural development, and civic responsibility/engagement. (UG)

ART 155: Photography for Non-Majors

3 Credit Hour(s)

Please refer to ART 334 for Digital Photography for both majors and non-majors (UG)

ART 204: Figure Drawing I

3 Credit Hour(s)

ART204 concentrates on drawing from the human figure to include experimentation in a variety of media. Prerequisite: ART 104 and ART 105. (UG)

ART 205: Figure Drawing II

3 Credit Hour(s)

The second of two courses in figure drawing, ART205 concentrates on drawing from the model with an emphasis on human anatomy. Prerequisite: ART 204. (UG)

ART 218: Creative Drawing

3 Credit Hour(s)

This course is designed to teach students the concepts and methods to create convincing drawings from imagination. Technical instruction and demonstrations on the subjects of shape, form, gesture, lighting, and abstraction will equip students with the skills to create believable drawings of both observed and imagined subject matter. (UG)

ART 219: Graphic Design I

3 Credit Hour(s)

An introduction to traditional and contemporary production methods and practices used by Graphic Design professionals. Emphasis is placed on terminology and technical production practices. Prerequisites: ART 103 and ART 221 or ART 222 or permission of instructor. (UG)

ART 220: Art & Architecture of the Middle East

3 Credit Hour(s)

Fulfills core competencies: Affective Awareness; Contextual Integregation; Cross listed as IND 220. The Middle East is one of the most historically and culturally significant parts of the world. This course is a survey of the art and architecture of this region from ancient to modern eras. Students will become acquainted with the aesthetic concerns of the Middle East's periods, cultures, and religions through two and three-dimensional artifacts. Since the Middle East is also known as the Cradle of Civilization we will first look at artifacts from Mesopotamia (Sumerians, Akkadians, Babylonians, etc.). Islamic art and architecture will also be given particular attention, addressing mosque architecture, calligraphy, and painting and how they visually express the concerns of Islam. Although the focus will primarily be on art objects, significant discussion will take place on the stereotypes of the Middles East constructed through Western works of art from the 19th and 20th century. The course will conclude by looking at recent artists from the Middle East and how they have used art to address and deconstruct stereotypes. (UG)

ART 221: Computer Rendering I

1 Credit Hour(s)

Over the course of the semester, you will learn how to generate professional-quality vector graphics in Adobe Illustrator from a technical perspective. This course is designed as an introduction to Illustrator and is aimed at being approachable for students who have no experience using this software or any comparable vector editors. (UG)

ART 222: Computer Rendering II

1 Credit Hour(s)

Over the course of the semester, you will learn how to manipulate raster imagery in Adobe Photoshop from a technical perspective. This course is designed as an introduction to Photoshop andis aimedatbeingapproachable for students who havenoexperience using this software or any comparable raster editors. (UG)

ART 223: Computer Rendering III

1 Credit Hour(s)

Over the course of the semester, you will learn how to use InDesign from a technical perspective. In Adobe Photoshop and Illustrator, we learned how to generate compelling imagery. In this course we'll learn how to place that imagery in layouts. Those layouts being print and digital magazines, flyers, books, posters, etc. This course is designed as an introduction to InDesign and is aimed at being approachable for students who have no experience using this software or any comparable desktop publishing software. (UG)

ART 225: Watercolor Painting I

3 Credit Hour(s)

An introductory course in painting using watercolor and casein painting techniques. Prerequisites: ART 104 and ART 106. (UG)

ART 226: Watercolor Painting II

3 Credit Hour(s)

Advanced study of watercolor painting processes, materials and techniques, with emphasis on contemporary Western watercolor and Oriental watercolor painting. Prerequisite: ART 104 and ART 106. (UG)

ART 229: Ceramics for Non-Majors

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Introduction to ceramics, the aesthetic possibilities of clay, basic construction techniques and a basic experience of glazing for those students not majoring in Art, Graphic Design, or Art Education. Non-majors only. (UG)

ART 230: Computer Rendering

3 Credit Hour(s)

Students are introduced to industry standard digital tools and concepts with a focus on creating vector and raster-based work using the Adobe Creative Suite. Illustrator and Photoshop are emphasized, where students examine the process of creating, manipulating, and experimenting with photos, typography, and images, and finishing work via digital application. This course is for graphic designers, illustrators, artists, and those interested in learning the basics of image manipulation and file management. Prerequisites: ART 103 and ART 105. (UG)

ART 240: Woodcuts and Monoprints

3 Credit Hour(s)

Introduction to these two basic forms of printmaking with attention to both aesthetics and processes. Prerequisites: ART 104 and ART 106. (UG)

ART 251: Ceramics I

3 Credit Hour(s)

Introduction to ceramics, the aesthetic possibilities of clay, basic construction techniques and a basic experience of glazing. (UG)

ART 267: Sculpture I

3 Credit Hour(s)

Introduction to sculpture process concentrating on working in the round and relief. Experiences in a wide variety of common materials and techniques. Prerequisites: ART 104 and ART 106. (UG)

ART 287: The History of Design

3 Credit Hour(s)

In this course, we will survey the history of design, focusing on visual communication. Students will become familiar with various graphic styles and influential designers throughout history, taking into account the relationship between technology, design styles, and culture. (UG)

ART 301: Motion Graphics

3 Credit Hour(s)

Students will learn about design as it relates to moving image and time-based media. The course includes motion principles and history, demos, tutorials, resources, and studio production time to provide an introduction to motion in design. Students will work primarily with Adobe After Effects. Competency in Adobe Photoshop and Illustrator is highly recommended. Prerequisites: ART 319, or permission from instructor. (UG)

ART 306: Figure Drawing III

3 Credit Hour(s)

Advanced work from the figure. Special focus based on student's major field of study. Required for Drawing/Illustration majors. Prerequisites: ART 104 and ART 106. (UG)

ART 312: Contemporary Studio Practice

3 Credit Hour(s)

This course explores the role of the artist in response to personal, social, political, and cultural issues in our contemporary context. Through research, writing, and studio practice, students will engage in working beyond a traditional discipline-specific approach to studio art. Prerequisite ART 204 (UG)

ART 319: Graphic Design II

3 Credit Hour(s)

The history of typography, the anatomy of the letterform, typeface classifications, typographic terminology and the effective usage of type to convey visual/verbal messages are explored in this course. Prerequisite: ART 219. (UG)

ART 320: Web Design

3 Credit Hour(s)

Using design and typography principles, students will learn about the web design process, UI/UX design, and screen-based applications. Industry standard design tools will be used to create responsive websites, understand CMS platforms, and for the creation of interactive digital elements. Competency in Adobe Photoshop and Illustrator is highly recommended. Prerequisites:ART 319 or CA 125. (UG)

ART 325: Introductory Oil Painting

3 Credit Hour(s)

Introductory course in painting using oil as the vehicle of expression. Prerequisites: ART 104 and ART 106. (UG)

ART 326: Introductory Acrylic Painting

3 Credit Hour(s)

A painting course emphasizing the use of the acrylic medium. Prerequisites: ART 104 and ART 106. (UG)

ART 331: Art Reading List

3 Credit Hour(s)

The Modernist Revolution addresses the dramatic shift in artistic expression occurring between the 1860s and the 1960s. Students will investigate Modernist impulses by examining the role of avant-garde artists, primary sources and contemporary criticism. The primary academic goal is to provide a solid background for study of the present era by first investigating the formalist concerns that informed it, and the contributing social factors. This course is an important foundation for continued studies in Contemporary Art, Postmodernism and Art Theory. Prerequisite: ART 275 or ART 285. (UG)

ART 334: Digital Photography

3 Credit Hour(s)

This studio course is designed for majors and non-majors with limited or no experience with digital photography and will include a study grounded in the historical, conceptual and practical developments of the art of photography as embodied in the use of digital image making technologies. (UG)

ART 344: Art in Space and Environment

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Writing Intensive. A collaborative experience with THA 326, Performance in Space, that leads students to address issues relating to art and theater in a site-specific context. (UG)

ART 345: Advanced Drawing I

3 Credit Hour(s)

Emphasis on the development of an idea through a sequence of drawings. Prerequisites: ART 204. (UG)

ART 346: Advanced Drawing II

3 Credit Hour(s)

As a follow-up to ART345, Advanced Drawing II provides the drawing major with a bridge between the high level of instructor participation characteristic of preceding drawing/illustration courses and the expected independence of the senior project semesters. Prerequisite: ART 345. (UG)

ART 348: Seminar and Practice in Graphic Design

3 Credit Hour(s)

This course will focus on an inquiry of the traditional and expanded roles that graphic designers have filled. It will encompass investigation and research into current topics of sustainable practices, opportunities, and theories as applied to the professional practice of graphic design. Issues to be addressed include ethics, current events, and the role of the designer as problem seeker. Prerequisite: ART 319. (UG)

ART 351: Ceramics II

3 Credit Hour(s)

Ceramics II explores technical and creative experiences in throwing on the wheel and a creative exploration of glazing. Prerequisite: ART 251. (UG)

ART 355: History of Non-Western Art

3 Credit Hour(s)

An overview of artistic traditions outside the influence of Europe with particular emphasis on the arts of East Asia and Sub-Saharan Africa. Open to Non-majors. (UG)

ART 356: Women in Art

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Illustrated discussion of women in the arts, centering on the obstacles and reception of women in the artistic establishment, and the depiction of women by both male and female artists. Open to non-majors. (UG)

ART 367: Sculpture II

3 Credit Hour(s)

Theory and practice of sculptural composition utilizing modeling and carving with introductory welding and casting. Prerequisite: ART 267. (UG)

ART 368: Sculpture III

3 Credit Hour(s)

Continued exploration of sculptural techniques with emphasis on understanding the character and value of the material to the final work. Prerequisite: ART 367. (UG)

ART 381: Illustration I

3 Credit Hour(s)

Illustration I is an exploration of effective picture-making; how to make readable and visually engagin images. This course explores shape design, rendering, composition, and value structure. (UG)

ART 382: Illustration II

3 Credit Hour(s)

Illustration II explores ideation (the process of creating ideas) and visual communication of both narratives and concepts. Prerequisite: ART 381. (UG)

ART 383: Illustration III

3 Credit Hour(s)

Advanced exploration of illustration in various media. Prerequisite: ART 382. (UG)

ART 400: Practical Seminar

3 Credit Hour(s)

This team-taught course will engage students in both the creative and administrative operations of an arts organizations. Students will form, as a cohort, a business enterprise to deliver the creation of a single artistic product (an exhibition, a production, a radio show) while engaging in the development, management and presentation of the creative endeavor supported by a strategic plan focused on financial, marketing, organizational, programming, and event planning. In the opening weeks of the practical section of the course, students will be introduced to the basic framework of the artistic product and will be assigned titles and responsibilities consistent with the organizational structure needed to develop and deliver that product. Students will be asked to research similar organizations and products, interview area professionals associated with the field, and design and mount a program of their own. As individuals and as a group, the class will be led through the practical considerations of producing a collective, artistic project and will be responsible, under guidance, for its planning, execution, and public reception. Focus throughout will be on cooperative, collaborative creation, in which students are responsible for their allotted areas of expertise while working with and depending on other members of the organizational team. In the administrative section of the course, students will engage such areas as planning, budgeting, marketing, insurance, contracts, and public relations. Students will also be asked to plan and create such artifacts - EG, advertising, social media campaigns, brochures, playbills, catalogs etc. - consistent with the overall project. Prerequisites: MKT 312, ENTR 201, ENTR 301. (UG)

ART 420: Graphic Design IV

3 Credit Hour(s)

This course in visual communication addresses a wide range of career tracks through understanding current industry standards, trends, and practices, along with the history of advertising and professional practices. An emphasis on advertising, branding, and integrated campaign development will allow students to explore deliverables such as print, packaging, signage, strategy, video, out-of-home, interactive, motion graphics, web, and social media. Prerequisites: ART 230 and ART319, or permission from instructor. (UG)

ART 425: Painting III

3 Credit Hour(s)

Advanced painting problems in various media. Prerequisites: ART 325, 326. (UG)

ART 426: Painting IV

3 Credit Hour(s)

Advanced study in painting. Prerequisite: ART 425. (UG)

ART 427: Fibers II

3 Credit Hour(s)

Work in fibers emphasizing on-loom textile construction techniques. Prerequisite: ART 327. (UG)

ART 431: Professional Practice

3 Credit Hour(s)

This course is designed to help bridge the gap between higher education and professional work in the creative sector, helping to put students in the best position to succeed as they graduate into the professional field. This course covers various financial, legal and practical aspects of professional work in the creative sector, with specific emphasis on freelance work. (UG)

ART 435: Advanced Typography

3 Credit Hour(s)

This course introduces students to advanced design principles that explore the expressive potential of typography in a variety of conceptual and utilitarian applications. All projects focus on the refinement of the design process to generate solutions through visual communication. Prerequisite: ART 319. (UG)

ART 436: Overview of Aesthetics

3 Credit Hour(s)

Aesthetics studies the nature of reception and appreciation of the visual realm. Often described as the philosophy of beauty, aesthetics encompasses the role of visual experience, beauty/ugliness, and visual and poetic expression. This course investigates the history of aesthetics, with a focus on the development of modern aesthetics. Prerequisite: ART 331. (UG)

ART 439: Serigraphy

3 Credit Hour(s)

Serigraphy, or screen-printing, is an exploration of printmaking processes using the photo-mechanically produced image. Prerequisites: ART 104 and ART 106. (UG)

ART 441: Advanced Printmaking

3 Credit Hour(s)

Opportunity for advanced students to continue exploration of and involvement with chosen printmaking processes and procedures. Prerequisites: ART 240, 340, 439. (UG)

ART 443: Issues and Methodologies in Contemporary Art

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Writing Intensive. Together with ART 498, Senior Exhibition, ART 443 satisfies the department's Research and Presentation requirement. Diverse exercises in criticism and analysis to broaden the art student's aesthetic awareness, judgment and sensitivity. Prerequisite: ART 331. (UG) (UG)

ART 445: Special Projects

3 Credit Hour(s)

Advanced study in a studio area with special authorization of a faculty member and approval of the department chairperson. May be repeated; two uses total, senior year only. (UG)

ART 446: History of Contemporary Art:1940-Present

3 Credit Hour(s)

Study of contemporary art history based on the visual and historical movements from the second half of the twentieth century to present day. Prerequisite: IND 285. (UG)

ART 455: Photography

3 Credit Hour(s)

An exploration of various black and white film photography practices including photograms, pinhole and film cameras, as well as developing and printing methods. Recommended for Art Education majors. No previous darkroom experience is needed. Open to majors and non-majors. (UG)

ART 456: Advanced Photography

3 Credit Hour(s)

Advanced photographic work that spans digital and darkroom practices. Prerequisites: ART 334 and/or ART 455 or by permission of the instructor. (UG)

ART 464: Sculpture IV

3 Credit Hour(s)

Advanced study in sculpture. Prerequisite: ART 368. (UG)

ART 490: Senior Project

3 Credit Hour(s)

Advanced study in a major discipline in preparation for and including an exhibition of completed works; supervision by a major instructor and a faculty review board. Normally elected in the final semester, and only after the completion of the entire numbered sequence of courses in the major discipline. Required of all BFA candidates. A BFA degree may not be earned without a grade of C or higher in this course. Prerequisite: ART 443. (UG)

ART 498: Senior Art Exhibit

1 Credit Hour(s)

With ART 443, fulfills Research and Presentation requirement. Required of all BFA Art, BFA Graphic Design, BS Art, and BS Visual Arts Education majors. Prerequisite: ART 443. (UG)

Arts Administration

ARTA 450: Practicum Seminar in Arts Administration and Management

3 Credit Hour(s)

Students will intern at a practicing arts organization, where they will gain experience in day-to-day operation and support procedures. Students will meet weekly with the faculty advisor to chart time, troubleshoot about organizational issues and discuss assignments. The faculty advisor will correspond closely with the cooperating organization to monitor student progress. Prerequisite: BA 211. (UG)

Music

MUS 100: Introduction to Music

3 Credit Hour(s)

Basic concepts and terminology; survey of selected periods in music history, with study of representative compositions. (UG)

MUS 115: The Music of the United States

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. A survey of the entire range of American music: religious, folk, classical, popular, jazz, etc. (UG)

Private music lessons are also available for credit: contact the Visual & Performing Arts Department to arrange.

Theater Arts

THA 103: From Page to Stage: Playtexts for Beginners

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Acting as an art, survey and evaluation of its development, analysis of method acting and current trends. Exercises and application of acting principles to individual talents and towards development of an ensemble. Theatre games, improvisation, and beginning scene work. (UG)

THA 106: Introduction to the Theater

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. Analysis of theater and drama, historical and current production practices, in order to enhance aesthetic appreciation. (UG)

THA 108: Masked Performance

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This introductory class will explore the fundamentals of acting and characterization through the lens of the mask and the specific problems it creates for the actor. (UG)

THA 115: Theatre of Betrayal:Sex,Lies And Politics

3 Credit Hour(s)

Fulfills core competency: Communication Skills. This course, aimed at first year students, examines plays and films that explore the ways in which sexual infidelity have dislocated the political state. Drawing on examples from classical and modern theatre as well as dramatic treatments of 20th century history, the course explores the disruption private affairs have caused the public sphere. As a Freshmen Seminar, the course also introduces students to the importance of Communication, Information Literacy, and Critical Thinking Skills. (UG)

THA 119: Theater, Madness, Power

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. This course, which complements and will be in continued dialogue with REL 114 Culture and Story, examines the role that theater plays in establishing, creating, maintaining or transgressing the categories and boundaries considered essential to modern life: purity and the sacred; morality; sexual identity and gender roles; sanity; honor; free will and choice. (UG)

THA 203: Improvisation in the Classroom

3 Credit Hour(s)

This course will introduce students to the work of improvisational practitioners Viola Spolin, Paul Sills and Keith Johnstone. They will gain practical experience with these techniques as tools to engage students in a classroom environment, and will learn how to create a class activities progression, assess student progress, and use the techniques themselves as means of assessment. (UG)

THA 207: Improvisation

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. The class will look at improvisation in various performative and cultural contexts. Activities will include practical experiences, including solo and group performances, readings, viewings, research, and writing on historical aspects and contexts of improvisation. Prerequisite: THA 103. (UG)

THA 208: Public Speaking

3 Credit Hour(s)

Fulfills core competency Communication Skills. Cross-listed with IND 208.This course is designed to assist students in developing public speaking skills. Emphasis will be on helping students gain the confidence and techniques to make public, oral presentations; to select, organize and articulate ideas; and to adapt to particular audiences. Our main focus will be on stressing some basic physical and breathing skills, on preparing material, an on meeting a variety of circumstances with confidence and enthusiasm. (UG)

THA 213: Introduction to Stage Combat

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. This class will focus on the idea of unarmed, staged violence, and will seek primarily to gain an understanding and respect for the physical safety concerns of the stage. Prerequisite: THA 103. (UG)

THA 214: Stage Movement

3 Credit Hour(s)

Studies techniques for presence and movement on stage. (UG)

THA 215: Introduction to Suzuki Method of Actor Training

3 Credit Hour(s)

This course introduces students to the Suzuki method of actor training. (UG)

THA 216: Mask Construction & Performance

3 Credit Hour(s)

In this course, students will learn to engage in an aesthetic conversation with the forms and materials involved with mask construction. This awareness will then be used to create original masked performance, as well as exploring the various uses of mask and what advantages each of these uses offers within an Applied Theater context: ritual, educational, psychological and physical. Prerequisite: THA 106. (UG)

THA 222: Costume Design

3 Credit Hour(s)

Introduces the student to the art of costume design. (UG)

THA 223: Lighting Design

3 Credit Hour(s)

This course presents techniques and facets of lighting design. (UG)

THA 224: Set Design

3 Credit Hour(s)

This class focuses on the fundamentals of set design. (UG)

THA 225: Sound Design

3 Credit Hour(s)

This course provides instruction in the basics of sound design. (UG)

THA 230: Acting for Animators

3 Credit Hour(s)

The course will deal in depth with the skills and sensibilities associated with communication through speech, the physical appearance and structure of the vocal articulators, the implementation of the Laban effort actions and their relationship to the definition of a character and the use of improvisation as a tool for creating and evaluating narrative structure. (UG)

THA 231: Performing Objects

3 Credit Hour(s)

The manipulation of objects is an ancient form of popular performance. This course will explore the history, technology, theory and practice behind puppetry, both mainstream and experimental, and how the traditional role of puppetry has been, and can continue to be extended into previously unexplored areas and sources of objects. Prerequisite: THA 106. (UG)

THA 232: Shakespeare in Performance: Acting/Directing

3 Credit Hour(s)

Fulfills core competencies: Affective Awareness and Critical Thinking and Problem Solving. This course has a dual focus. Firstly, we will approach Shakespeare as trainee performers, so that we will engage the text by asking questions about how to perform it. Secondly, we will study performances and the work of theatre practitioners, and learn from them how to interrogate and be challenged by Shakespeare's texts. In this way, we'll be able to assess the variety of interpretations offered by texts and performances, as well as the choices available to practitioners and the implications of making them. Some of the topics guiding our work will be interpretation, plot, character, psychology, motivation, staging, the demands the scripts place on actors, and the feelings aroused in an audience during or at the end of a performance. (UG)

THA 246: Design for the Theater: History of Theatrical Space

3 Credit Hour(s)

Fulfills core competency: Contextual Integration. This course explores the design of theatrical spaces throughout history, especially in terms of the cultures that shaped them. Students will use this information to investigate what they can learn about a culture from its theatrical events and the spaces designed to hold these events. Prerequisite: THA 106. (UG)

THA 250: Voice and Speech for the Actor

3 Credit Hour(s)

Fulfills core competency: Communication Skills. This class explores the different facets of vocal communication and how they can be manipulated purposefully towards a theatrical end. The class will also investigate the differences between the concerns of stage voice and everyday voice. Prerequisite: THA 103. (UG)

THA 253: Theater As Outreach

3 Credit Hour(s)

Fulfills core competency: Civic Responsibility. Fulfills Service Learning requirement. The broad purpose of this course is to equip students with the means to design and lead theater workshops for others, especially disadvantaged citizens. The course will train students to facilitate workshops and residencies in a range of settings (schools, hospitals, places of detention, etc.), and will prioritize assisting people of all ages and in a variety of circumstances to find and express an artistic voice. Our main focus will be learning how to assist non-actors to express their issues and concerns through the medium of theater, and to empower members of our community to articulate those concerns in live performances that can then serve as fora community discussion. A signed petition from the Coordinator of Service Learning is required for registration in this course. (UG)

THA 260: Advanced Acting: Scene Study

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. This course for advanced acting students focuses on the skills involved in interpreting text, especially in terms of character development. We will explore the notions of character objective, tactics and arc, as well as continuing our study of narrative structures and the actor's responsibilities toward story. Prerequisite: THA 103. (UG)

THA 308: Community Acts: Community-Based Theater

3 Credit Hour(s)

This course focuses on creating new works for performance through workshops, improvisation, and rehearsal. Students are engaging acting skills and using basic storytelling and improvisation techniques to craft a new work through collaboration. Prerequisite: THA 103, THA 207, THA 253. (UG)

THA 326: Performance in Space

3 Credit Hour(s)

Fulfills core competency: Critical Thinking. A collaborative experience with ART 344: Art in Space and Environment that leads students to address issues relating to art and theater in a site-specific context. (UG)

THA 328: Advanced Improvisation

3 Credit Hour(s)

Fulfills core competency: Affective Awareness. This course for advanced acting students is a continuation of the skills introduced in THA 207. Prerequisite: THA 207. (UG)

THA 333: Stage Management

3 Credit Hour(s)

This course will explore and articulate the various duties, responsibilities and skill sets associated with the role of stage manager in a theatrical production. Prerequisite: THA 106. (UG)

THA 352: Directing for the Stage

3 Credit Hour(s)

This course will give students an immersive introduction to the process of directing live performance. It will be a project-based examination of the process, from text selection to fully realized production, including negotiating design elements, exploration of dramaturgical questions and working with performers. (UG)

THA 404: Devised Performance

3 Credit Hour(s)

Devising performance is one of the most exciting of contemporary ensemble practices. In this course, students will learn about theories of narrative and dramatic structure, and experiment with a range of methods and techniques for applying these creatively in practice. The course focuses on creating new works for performance through workshops, improvisation and rehearsal, and will teach students to engage acting skills, storytelling and improvisational techniques, as well as making directorial and design decisions. Prerequisite: THA 106. (UG)

THA 410: New Media & Performance

3 Credit Hour(s)

This course will introduce students to practical and theoretical innovations in contemporary theater and performance. We will explore new technologies, and investigate how these technologies affect performance, either through communication, information processing/exchange and the performer as interface. Through practical exploration and theoretical study, students will explore the human on stage and how s/he is commented upon, mediated, alienated or celebrated through technological intervention. Prerequisite: THA 106, THA 326. (UG)

THA 419: Theater of the Oppressed

3 Credit Hour(s)

This course will expose the students to the methodologies of Augusto Boal and the various formats and styles of performance that are covered broadly by his Theater of the Oppressed. It is a practical course that will focus on project-based learning and a high level of reflective analysis and writing to build a relationship with the work of Boal. Prerequisite: THA 106. (UG)

THA 480: Applied Theater Practicum

3 Credit Hour(s)

Fulfills core competencies: Critical Thinking; Contextual Integration; Research & Presentation; Writing Intensive. In this course, students will engage in supervised work in schools, with youth programs, and in community service settings. They will conceive, organize and implement their own applied theatre projects, in consultation with representatives of the partners as well as the theater faculty advisors. Students will meet weekly with the faculty advisor to chart time, troubleshoot about organizational issues and discuss assignments. The faculty advisor will correspond closely with the cooperating partners to monitor student progress. Prerequisite: Permission of Program Director. (UG)

Visual Effects

VFX 110: 2D and 3D Matchmoving

3 Credit Hour(s)

In this course students will begin acquiring post-production skills for employment in the Visual Effects industry. This first section instructs students on how to adjust for lens distortion by incorporating survey data in order to solve complex and problematic shots. (UG)

VFX 115: Rotoscoping

3 Credit Hour(s)

In this course students will develop a thorough knowledge of the software Nuke and its Roto/Paint node. Specific attention will be placed on basic studio practices related to work flow, such as establishing proper file structures and naming conventions. (UG)

VFX 220: Compositing

3 Credit Hour(s)

In this course students will effectively utilize Nuke for compositing purposes, and to develop a full working knowledge of basic production and pipeline procedures. Additionally, the course explores the more traditional aspects of cinematography as they pertain to visual effects. Prerequisites: VFX 110, VFX 115. (UG)

VFX 230: Paint and Rig Removal

3 Credit Hour(s)

In this course students will continue working with the software Nuke in its Paint/Roto node. Additional emphasis will be placed on basic studio practices, such as proper file structures and naming conventions. Prerequisites: VFX 110, VFX 115. (UG)

VFX 255: Stereoscopic Conversion

3 Credit Hour(s)

In this course students will learn to employ different techniques to convert standard 2D plates into stereo shots. They will discover the latest techniques for solving complex stereo problems, including how to rectify different focal lengths, to address vertical misalignment between plates, to employ stereo re-timing to solve stereo artifacts and rotation misalignment. Prerequisites: VFX220, VFX 230. (UG)

INTERDISCIPLINARY PROGRAMS

DAEMEN
UNIVERSITY

Behavioral Science Minor

PROGRAM ADVISOR: Dr. Vanessa Patrone

Requirements (18 credits)

Required Courses (9 credits):

- ABA333/SED333 Elements of Behavior Change and Specific Behavior Change Procedures (3)
- BSHS200 Interdisciplinary Approaches to Behavior Change: Focus on Human Sciences, Medical Professions, and Business (3)
- PSY216 Principles of Learning and Behavior Modification* (3)

LAS Electives (6 credits – select two courses from the list below):

- HPR313 Principles of Health Behavior Change (3)
- PSY231 Behavior Disorders of Childhood and Adolescence (3)
- SOC224 Ethnicity, Race, and Cultural Diversity (3)

Free Electives (3 credits – select one course from the list below):

- ABA602 Concepts and Principles of Behavior** (3)
- MGT321 Organizational Behavior and Theory (3)
- SED364 Inclusive Education for Students with Moderate/Severe Disabilities (3)

* PSY103 is a prerequisite for PSY216

**ABA602 is eligible to be transferred into the MS in Applied Behavior Analysis at Daemen University.

Career Services

Director: Lamark Shaw, MA
Assistant Director: Tiffany Dillon, MA
Employer & Student Relations Coordinator: Michelle Thompson

CAREER FIELD EXPERIENCE (CFE) INTERNSHIPS

Summer: 300, 400 Career Field Experience (1-12 credits)
Fall: 301, 401 Career Field Experience (1-12 credits)
Spring: 302, 402 Career Field Experience (1-12 credits)
Prerequisite Career Field Experience 97 (CFE 97): (O credits)

All students are eligible to receive academic credit while gaining practical on-the-job training, and experience. Internships help students to learn workplace values and skills necessary to succeed. The Career Field Experience curriculum is individually designed to meet each student's goals for personal and professional development and career objectives. Internship locations include businesses, government, not-for-profit agencies, public and private institutions and may also be arranged in the hometown where the student resides or as part of a semester abroad experience. International internship options should be discussed with the Global Programs office.

Daemen University recognizes the Washington D.C. Internship Institute (WII) program for 15 academic credits (9 credits internship and two 3-credit academic courses). Learning takes place primarily at the site in Washington, DC, and is selected with the assistance of the WII staff. The student's financial aid package should be reviewed by the Financial Aid office prior to applying.

Daemen University also recognizes the New York State Assembly Internship program in Albany N.Y., for 15 academic credits (9 credits internship and two 3-credit academic courses). This program offers students an opportunity to participate in state government and the legislative process through a well-structured, practical learning experience. The Assembly Intern Committee awards a stipend to each session intern.

Additionally, Daemen University recognizes the Disney Internship Program. This program allows you to gain on-the-job experience with a world-renowned company, providing uniquely Disney learning experiences, all while preparing for your future, building transferable skills, including networking, problem-solving, teamwork, and effective communication.

Each field experience links academic and core curriculum competencies with an emphasis on communication and critical thinking skills. Academic credit must be arranged prior to the internship experience with approval from Career Services and the student's faculty advisor and is granted for each experience depending upon the number of hours completed in the field during the semester. One academic credit is earned for every forty hours interned at the location site. In addition to the hours spent on-site, students will participate in and complete a series of academic projects. The Career Services staff, faculty, and the student's site supervisor offer guidance and evaluation of the student's performance. Final letter grades are granted upon completion of all field experience requirements. Internships are offered each semester, including inter-semester and summer.

MAJORS REQUIRED TO PARTICIPATE IN AN INTERNSHIP

While the internship program is open to students in every academic discipline, it is a program plan requirement for the following majors: Accounting, Business Administration, English: Professional Writing and Rhetoric, History, Political Science, French, Spanish, and Health Promotion. In addition, Physician Assistant students who are required to complete 120 hours of direct patient contact experience before entering the PA program can also use these hours as a free elective for academic credit if approved by their faculty advisor.

PRIOR TO CONSIDERATION FOR A CAREER FIELD EXPERIENCE,

STUDENTS MUST:

1. Have a minimum 2.00 cumulative grade point average, except when specific departmental or internship location requirements apply (2.50 required for Business and Accounting majors);
2. Have earned a grade of P (pass) in the prerequisite course Career Field Experience 97 (CFE 97);

CAREER FIELD EXPERIENCE 97 (CFE 97):

Career Services offers **Career Field Experience 97 (CFE 97)** which is a non-credit, FREE, prerequisite hybrid course designed to help students prepare their professional documents, learn job-seeking and interviewing skills, and present themselves in a professional manner. This course is offered every semester and all students are encouraged to participate and register early. Students will receive a Certificate of Completion signed by the Vice President for Student Affairs and Strategic Initiatives and the Director of Career Services which is a great resume builder for professional development!

LIMITS ON TOTAL CAREER EDUCATION ACADEMIC CREDIT:

A maximum of twelve (12) academic credits may be earned.

LIMITATIONS:

Internships are not permitted in situations where the student is interning at a business located in a person's home. Certain restrictions apply to internships that are online. Students cannot intern with a family member. Daemen adheres to the U.S. Labor Department Fair Labor Standard Act guidelines and requires site supervisors to sign their understanding of these guidelines and, if the internship is unpaid, that the student is the primary beneficiary of the relationship.

Paul A. Saffrin Center for Community Engagement

In honor of an historic and unprecedented $1 million gift from the Paul A. Saffrin Foundation in 2016, Daemen University proudly renamed its Center for Sustainable Communities and Civic Engagement (CSCCE) the **Paul A. Saffrin Center for Community Engagement.** The endowed gift advances the Center's mission to build inspirational academic-community partnerships that address community-identified needs and create new and purposeful experiential learning opportunities for students, faculty, and staff. In line with our mission, we pursue opportunities to engage with individuals and organizations in communities across Western New York and beyond, in order to effect meaningful change.

The Center provides, for the campus and larger community, targeted educational programming, including a speaker series that showcases influential community leaders. The Center believes that when campus and community work together toward mutual goals, we create positive change. The Center is supported by funding from the University and various agencies, foundations, and corporations.

Our Mission

To build academic-community partnerships that inspire students, faculty, and staff to address community-identified needs through experiential learning opportunities.

For more information, please contact:

Elizabeth R. Wright, J.D., M.S.W., Associate Vice President for Academic Relations, ewright2@daemen.edu, DS 226, 716-839-8442

Susan M. Marchione, M.S., Ed.D., Associate Vice President for Program Development, smarchio@daemen.edu, DS 226, 716-839-8447

Civil Society and Sustainable Communities

Requirements: (9-15 credits, depending upon which option is selected):

OPTION 1: COMPLETE ALL OF THE FOLLOWING

- IND/SUST123 Introduction to Sustainable Communities (3)
- Completion of a semester long international experience in an approved study abroad program*.
- At an approved study abroad site: 3 credits earned for one career/service internship appropriate to the student's area of study, as determined by the Modern Languages Chair and the students advisor.

NOTE: As part of the study abroad program: enrollment in an additional 6-9 credits of course work is required in order to retain full time status. This course work, which will be selected with the approval of the Daemen Advisor, will be used to complement one's minor and to fulfill requirements for the student's major or core.

*Official transcript, documenting attendance and completion of required course work as referenced above, is required to be submitted to Daemen's Modern Languages Chair.

OPTION 2

- IND/SUST123 Introduction to Sustainable Communities (3)
- Completion of Project/Campus Activity dealing with Civic Engagement and/or Sustainability: (may be completed as part of successful completion of IND-235 Learning Through Service: Individuals, Societies, and Social Equity (3) or completion of community service work via the Service Learning Department).
- Completion of two career/service internships (3 credits each) appropriate to the student's area of study, as determined by the Modern Languages Chair and the student's Advisor. Career Field Experiences and/or departmental field experiences are acceptable.
- 6 credits completed in pre-approved Daemen courses relating to Civil Society & Sustainable Communities.

Entrepreneurship Minor

Contact Information

Program Director

Dan Shanahan, Assistant Professor, and Program Director

(716) 566-7890

dshanaha@daemen.edu

The Minor in Entrepreneurship is an Interdisciplinary Minor designed for all majors and all career paths.

Entrepreneurship classes introduce students to an entrepreneurial skill set with significant emphasis on project-based learning and the development of original entrepreneurial initiatives, in addition to a more directed study of business methodology. A liberal arts education provides the necessary lens to view the entrepreneurial mindset by encouraging students to find creative and innovative ways to apply their knowledge to solve real-world problems.

As part of the program students will learn to:

- Experiment with innovative ideas
- Seek professional and experienced advice from mentors
- Create opportunities that utilize their initiatives and their talents
- Apply the knowledge acquired within the public sphere
- Solve problems within traditional job settings using creative thought processes

The Minor in Entrepreneurship introduces students to the skills needed to effectively and creatively implement successful initiatives that will shape their community, lead to great personal satisfaction, and be a key economic driver. The ability to think creatively, examine challenges, and identify opportunities are important for lifelong success in all career paths.

Requirements: (15 credits)

- ENTR201 The Entrepreneurial Mindset (3)
- ENTR301 The Entrepreneurial Skill Set (3)
- ENTR401 Entrepreneur in Action (3)
- 6 credits of electives from the following choices:
  - ACC226 Managerial Accounting (3)
  - ART445 Special Project in: Animation, Graphic Design or Illustration (3)
  - BA201 Intro Int'l Business (3)
  - BA220 Diversity & Cross Cultural Management (3)
  - BA/HPR352 Grant Writing (3)
  - ECO201 Principles of Microeconomics (3)
  - MGT208 Principles of Management (3)
  - MGT/HPR311 Non-Profit Management (3)
  - MKT209 Principles of Marketing (3)
  - MKT210 E-Commerce (3)
  - MTH104 Survey of Statistics (3)
  - PHI110 Critical Thinking with Google (3)
  - PHI113 Philosophical Thinking (3)
  - SUST/BA344 Sustainable Business Practices (3)
  - SUST351 Urban Planning/Community Development (3)

Entrepreneurship

ENTR 201: The Entrepreneurial Mindset

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course is the first of three required core courses in the entrepreneurship minor. This course identifies and analyzes the values, abilities, and personal attributes of successful entrepreneurs. Students will be introduced to the basic concepts of creativity and innovation, problem solving and brainstorming, opportunity recognition, effective written, verbal and non-verbal communication, new idea development and entrepreneurship as it relates to artistic industries, for-profit, not-for-profit, and social ventures. Through the development of an original business concept and case study analysis, students will explore and develop the entrepreneurial mindset. (UG)

ENTR 301: The Entrepreneurial Skill Set

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. ENTR 301 is the second of three required core courses in the entrepreneurship minor. This class addresses the unique entrepreneurial experience of conceiving, developing, and evaluating an entrepreneurial venture. Building off the skills gained in ENTR 201, students will be guided through a development process focused on creative problem solving, targeted inquiry, analysis of related ventures and appreciation of visual content to develop a fully conceived original venture presentation and a corresponding report. (UG)

ENTR 401: Entrepreneurship in Action

3 Credit Hour(s)

Fulfills core competency: Critical Thinking and Problem Solving. This course is designed to explore entrepreneurial and business competencies by interconnecting ideas and objectives, through practical experience of assessing, planning, implementing, measuring and controlling a new venture within the context of Western New York. Students will apply their knowledge of best practices, problem solving, and strategic planning on real entrepreneurial scenarios directly linked to Western New York. Students will be introduced to the many components that make up a local entrepreneurial ecosystem. The course is relevant to entrepreneurs from all disciplines who want to develop an entrepreneurial venture in realistic terms, or to develop new ventures inside existing organizations. It is also relevant to students who are interested in pursuing social ventures, establishing non-profit organizations and creating a venture with a strong mission. Prerequisites: ENTR 201 and ENTR 301. (UG)

Environmental Studies

The Environmental Studies program prepares students who are majoring in History and Political Science, Biology or Natural Science for employment with non-governmental organizations, government agencies, consulting firms, or companies involved in research and development. The specialization consists of courses selected from: government and policy studies, science, and interdisciplinary courses in environmental studies offered by the Global & Local Sustainability, History and Political Science, and Natural Sciences Departments.

The following degree programs are available: Bachelor of Arts in History and Political Science with Specialization in Environmental Studies; Bachelor of Science in Biology with Specialization in Environmental Studies; and Bachelor of Science in Natural Science with Specialization in Environmental Studies. Please refer to the History and Political Science and Natural Sciences sections of the Catalog for requirements.

Forensic Studies

Contact Information

Program Directors

Brenda Young, Natural Sciences Department

Denise Emer, Psychological Sciences Department

Forensic Studies is an interdisciplinary program that prepares students for careers and graduate work in forensic science, forensic psychology, and criminal justice. A minor in Forensic Studies requires a minimum of 17 credits of specialized coursework from the natural sciences, government, and psychology. Students should select particular courses suited to their career plans in consultation with their advisor. **Specialization in Forensic Science is offered with the B.S. in Natural Science** for those students who would like to pursue graduate study or employment in the scientific application of forensics.

Forensic science course listings appear in the Natural Sciences section of the Catalog. Program details are available from the Natural Sciences and Psychological Sciences departments, or from the Office of the Registrar.

Requirements for the Minor: (17 credits)

- FOR101 Introduction to Forensic Science (3)
- PSY306 Forensic Psychology (3)
- SELECT ONE
  - CHE112/L Introduction to Forensic Chemistry lecture/lab (3/1)
  - PHY125/L Forensic Physics lecture/ lab (4/0)
  - BIO316/L Anatomy & Physiology lecture/lab (3/1)*
  - BCH 440 Molecular Biology lecture/lab (3/1)
- SELECT A MINIMUM OF 7 CREDITS FROM THE FOLLOWING:
  - BIO316/L Anatomy & Physiology lecture/lab (3/1)*
  - PSC230 U.S. Judicial Process (3)
  - PSC305 American Constitutional Law (3)
  - PSY214 Psychology of Adolescence (3)
  - PSY219 The Psychology of Mental Illness (3)
  - PSY314 Biological Bases of Behavior (3)
  - PSY380 Drugs and Behavior (3)
  - SOC209 Social Problems (3)
  - SOC/SW217 Alcoholism, Substance Abuse & Other Addictions (3)
  - ENS303 Environmental Toxicology (3)
  - BIO103 Human Biology (3)
  - Additional sciences from CHE112, PHY125, BIO316, or BCH 440 (3-4)

* Students may substitute either BIO330/L General Anatomy Lecture and Lab, or BIO340/L General Physiology Lecture and Lab

N.B.: Some of the courses included in this minor may have prerequisites. Consult the Schedules of Courses Offerings and/or the College Catalog for such information.

Recommended Courses

In addition to completing of the 17 required credits, students are encouraged to complete the following:

- SELECT ONE
  - CMP311 Advanced English Composition (3)
  - CMP315 Advanced Composition for Health Professionals (3)
- SELECT ONE
  - MTH104 Survey of Statistics (3)
  - NSC310 Biostatistics (3)
  - PSY333 Statistics for Psychology and Social Sciences (3)
  - FOR101 Introduction to Forensic Science (3)
  - PSC117 Criminal Justice: Law and Procedures (3)
  - PSY103 Introduction to Psychological Science (3)

Global and Local Sustainability

Contact Information

phone: (716) 839-8366
daemen.edu/sustainability

Chair

Caitlyn Montross
(716) 839-8405

Degree Offered

- Bachelor of Arts in Global and Local Sustainability *(currently not accepting new students)*

Minor

- Global and Local Sustainability

Admission to Upper Division

In the second semester of the sophomore year, the student is required to make a formal application (to the Chair of the Sustainability Department) for admission to the upper division. Transfer students (both from other institutions and current Daemen students who wish to declare a major in the Global & Local Sustainability department) will be accepted as lower division students.

Requirements for admission to upper division:

1. Overall grade point average (GPA) of 2.0.
2. A minimum grade of C in: CMP101; ENS201; SUST140; SUST240.
3. A grade point average (GPA) of at least 2.25 in the courses referenced above.
4. A minimum grade of C in all courses taken to date which are required courses in the major section of the curriculum.
5. Submission of an essay reflecting on previous community work, travel experiences, and future career goals.

Residency Requirements

While there are no residency requirements prior to admission to the upper division, students completing coursework at Daemen University will receive priority for admission based on tenure with the University as well as performance and the amount of coursework taken at the University.

Graduation Requirements

An overall grade point average (GPA) of 2.00.

Pertinent Additional Information

Students are required to complete one or more community-based international experiences subject to the approval of the Department Chairperson. The experience(s) may include internships, volunteer opportunities, additional language studies, or pre-approved studies taken elsewhere. The experience(s) may or may not result in credit earned.

Students select an area of specialization within the major with the approval of the Department Chairperson. This can include coursework from a single academic discipline or a combination of study areas.

Mission Statement

The mission of the Global and Local Sustainability Department is to prepare students to be compassionate and informed citizens working to create and maintain sustainable communities locally and around the world. Through its interdisciplinary and experiential emphasis, our program fosters the skills to solve problems creatively and with cultural sensitivity, while developing graduates who can communicate solutions with clarity and confidence and identify new approaches to restore the environment, create economic and intellectual capacity, and promote social well-being.

Program Objectives

- To provide students with knowledge of the three pillars of sustainability – social, environmental, and economic sustainability.
- To provide students with essential interpersonal and organizational skills necessary for

collaborating with diverse community partners.
- To empower students to play an active role in their local and global communities, considering social and environmental responsibility in their decision-making.
- To provide internship opportunities for students to further their intellectual and creative skills in economic and social development, cultural and historical preservation, and environmental careers in government, not profits and private businesses.
- To develop creative problem-solving skills to address interdisciplinary challenges of sustainability.
- To build an understanding of the concept of place and the connections between people and their natural, built, and social environments.

Learning Objectives

As a result of this program, a student will be able to:

- Obtain, evaluate and integrate information across disciplines to act as informed active citizens in their local and global communities
- Work effectively with individuals across disciplines to identify problems, develop creative solutions and implement action plans with community stake-holders and leaders
- Recognize the importance of biodiversity and the multiplicity of cultures that are found locally, nationally and globally
- Critically analyze data, develop logical interpretations and draw informed conclusions
- Communicate clearly in both written and oral form using appropriate vocabulary and presentation style for the audience
- Recognize the connections among social and environmental responsibility choices, personal values and ethical decision-making
- Explain the concept of place and the connections between people and their natural, built and social environments

Bachelor of Arts in Global and Local Sustainability

General Education Program

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 75 CREDITS

- SUST140 Sustainability Design Seminar I* (3)
- SUST240 Sustainability Design Seminar II* (3)
- SUST340 Sustainability Design Seminar III (3)
- SUST440 Sustainability Design Seminar IV (3)
- SUST443 Capstone Research in Sustainability (3)
    - *Minimum grade of 'C' required.

- Global and Local Sustainability Electives: 15 CREDITS
    - BIO/SUST304 Conversation Biology (3)
    - ENS/SUST310 Global Water Issues (3)
    - HPR308 Environmental Health (3)
    - HPR335 Critical Issues in Global Health (3)
    - IND/SUST322 Alternative and Renewable Energy Issues (3)
    - IND/SUST326 Green Buildings (3)
    - IND/SUST338 Food & Agriculture Issues (3)
- Specialization: 30 CREDITS
    - 18 credits must be completed at the 300-level or above.
    - 12 credits of specialization at any level. Courses must meet Liberal Arts and Science requirements.
    - Area of specialization will be based upon the student's interests and courses will be selected in consultation with and approval of the Sustainability Department Chairperson. For students in Double-Up programs (Paralegal Studies, Modern Languages, or Business), specialization courses are from the second major.

- CMP101 English Composition* (3)
- SOC224 Ethnicity, Race & Cultural Diversity* (3)
    - *Minimum Grade of 'C' required.
- Foreign Language Requirement (6)
    - Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.
- Choose one course from the following: HST230, HST324, IND120, PSC113, PSC114, PSC121, PSC125, PSC210, OR PSC231 (3)

2. General Education: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth – Discovery (9)
- Breadth – Exploration:
    - Natural Science and Mathematics:

    - Statistics (Choose 1): MTH104 OR NSC310 (3)
    - ENS201 Introduction to Environmental Science (3)
- Social Sciences:
    - Choose 1: ECO201, ECO202, ECO206, ECO213, ECO343 (3)
    - Choose one course from: Anthropology, Economics, Geography, History, Linguistics, Political Science, Psychology, and Sociology. (3)
- Humanities:
    - CMP311 OR CMP315 (3)
    - Choose one course from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (3)

3. Free Electives and International Experience: 9 CREDITS

- Service Learning (3)
- Free Electives (6)
    - A maximum of 6 credits may be taken in Sustainability courses.
- **International Experience:** Students are required to complete one or more community-based international experiences subject to the approval of the Department Chairperson. The experience(s) may include internships, additional language studies, pre-approved studies taken elsewhere. The experience(s) may or may not result in credit earned.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Requirements for **Admission; Admission to Upper Division; Graduation** – consult the Sustainability section of the catalog or the Program Plans site on the Registrar's web page.

Suggested Course Sequence

Access the course sequence for the **BA, Global and Local Sustainability**, from the Sustainability web page or the Program Plans site on the Registrar's web page.

Global & Local Sustainability Minor

Requirements (18 Credits)

- SELECT ONE (3 CREDITS):
  - BIO302 Ecology (3)
  - ENS201 Introduction to Environmental Science (3)
  - ENS304 Environmental Chemistry (3)
- SELECT ONE (3 CREDITS):
  - ECO201 Principles of Microeconomics (3)
  - ECO202 Principles of Macroeconomics (3)
  - ECO206 The Economics of Sustainable Development (3)
  - ECO213 Economics of Inequality (3)
  - ECO343 Global Economic Geography (3)
- SELECT ONE (3 CREDITS):
  - HP/IND250 Introduction to Historic Preservation (3)
  - HST230 Problems of the Third World (3)
  - HST324 Global Environmental History (3)
  - IND120 Introduction to Global Studies (3)
  - PSC113 American Politics (3)
  - PSC114 State & Local Government (3)
  - PSC121 International Relations (3)
  - PSC125 Introduction to Public Policy (3)
  - PSC210 The Politics of Globalization (3)
  - PSC231 International Organizations and Global Governance (3)
- SELECT THREE (9 CREDITS):
  - IND/SUST123 Introduction to Sustainable Communities (3)
  - ART 348 Seminar and Practice in Graphic Design (3)
  - BIO/SUST304 Conservation Biology (3)
  - ENS/SUST310 Global Water Issues (3)
  - HPR308 Environmental Health (3)
  - HPR335 Critical Issues in Global Health (3)
  - IND/SUST322 Alternative and Renewable Energy Issues (3)
  - IND/SUST326 Green Buildings (3)
  - IND/SUST338 Food & Agriculture Issues (3)
  - IND/SUST344 Sustainable Business Practices (3)
  - IND/SUST351 Urban Planning & Community Development (3)

Sustainability

SUST 123: Introduction to Sustainable Communities

3 Credit Hour(s)

Cross-listed as IND 123. Fulfills core competencies: Contextual Integration; Critical Thinking and Problem Solving. Students will be introduced to economic, environmental and social sustainability, and evaluate local communities using sustainable criteria. Research will be reviewed on model sustainable communities: locally, nationally and internationally. Students will visit representative sites in Buffalo and participate in community meetings and lectures. (UG)

SUST 140: Sustainability Design Seminar I

3 Credit Hour(s)

First of annual seminars taken by students in the Global and Local Sustainability major. The seminar introduces students to the process of approaching community problems as a team to seek sustainable solutions. From identifying the problems through community conversations to communicating possible solutions, seminar students will apply the sustainable design process to real-world issues. The first seminar will introduce the design process to identifying community problems and developing their solutions. Seminar projects will typically address campus-wide problems or work within a community in the City of Buffalo. Some field trips will be scheduled outside of class meeting time. Prerequisite: Enrollment in Global and Local Sustainability major or permission of the instructor. (UG)

SUST 240: Sustainability Design Seminar II

3 Credit Hour(s)

Second in annual seminars taken by students in the Global and Local Sustainability major. The seminar introduces students to the process of approaching community problems as a team to seek sustainable solutions. From identifying the problems through community conversations to communicating possible solutions, seminar students will apply the sustainable design process to real-world issues. This second seminar will introduce research methods appropriate for community assessment. Seminar projects will typically address campus-wide problems or work within a community in the City of Buffalo. Some field trips will be scheduled outside of class meeting time. Prerequisite: SUST 140 or permission of the instructor. (UG)

SUST 304: Conservation Biology

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration;Civic Responsibility; Moral and Ethical Discernment. Writing Intensive. Cross-listed as BIO 304. An interdisciplinary science course that combines theory and applied research to address the problems of widespread loss of biological and genetic diversity. Prerequisite: BIO 110, and CMP 101. Lecture, 3 hours. (UG) (UG)

SUST 310: Global Water Issues

3 Credit Hour(s)

Cross-listed as ENS 310. Fulfills core competencies: Information Literacy; Contextual Integration. This course investigates the environmental, technological and health-related issues associated with the availability and quality of water worldwide. Case studies of global water problems will incorporate the role of socioeconomic and political issues. Prerequisite: BIO 100 or BIO 110 or ENS 201, or Permission of Instructor. (UG)

SUST 322: Alternative and Renewable Energy Issues

3 Credit Hour(s)

Cross-listed as IND 322. Fulfills core competencies: Contextual Integration; Critical Thinking & Creative Problem Solving. This course will introduce students to the history of energy use, current sources of energy used worldwide, energy technologies including those under development, as well as discuss the role of governmental policies and funding in energy use and technological development. (UG)

SUST 326: Green Buildings

3 Credit Hour(s)

Cross-listed as IND 326. Fulfills core competencies: Contextual Integration; Critical Thinking and Problem Solving; Affective Awareness. This course is designed to introduce students to the concepts of green building design through the use of Daemen's buildings as experimental laboratories. The US Green Building Council's Leadership in Energy and Environmental Design (LEED) certification system will be used as a guide to investigate and discuss construction site selection and protection, building energy-efficient features, water conservation strategies, indoor environmental quality and materials and resources used in buildings. (UG)

SUST 338: Food and Agriculture Issues

3 Credit Hour(s)

Cross-listed as IND 338. Fulfills core competency: Contextual Integration. The course integrates the science associated with food production with the social, political and economic issues influencing agriculture, food processing, distribution and access, safety and policy. Current and future use of sustainable practices in agriculture, labor and immigration issues and global food distribution will be discussed. (UG)

SUST 340: Sustainability Design Seminar III

3 Credit Hour(s)

Third in annual seminars taken by students in the Global and Local Sustainability major. The seminar introduces students to the process of approaching community problems as a team to seek sustainable solutions. From identifying the problems through community conversations to communicating possible solutions, seminar students will apply the sustainable design process to real-world issues. This third seminar will emphasize qualitative and quantitative methods in data analysis, oral and visual presentation, peer critique, and communication styles for different audiences. Seminar projects will typically address campus-wide problems or work within a community in the City of Buffalo. Some field trips will be scheduled outside of class meeting time. Prerequisite: SUST 240 or permission of the instructor. (UG)

SUST 344: Sustainable Business Practices

3 Credit Hour(s)

Fulfills core competency: Contextual Integration; Moral and Ethical Discernment. Cross-listed as IND 344 and BA 344. This course will introduce the concepts of sustainable business practices and corporate social responsibility. Sustainable business is a paradigm shift from a management style of maximizing profit at any cost. Sustainable business aims to restore and maintain environmental quality and develop social equity, while pursuing long term profitability. Prerequisites: Sophomore status or permission of instructor. (UG)

SUST 351: Urban Planning and Community Development

3 Credit Hour(s)

Fulfills core competencies: Contextual Integration; Civic Responsibility. Cross-listed as IND 351. This course will introduce the theories of urban design, history of urban development, decline and rebirth, and the roles that all stakeholders play in developing sustainable communities. Prerequisites: Sophomore status. (UG)

SUST 440: Sustainability Design Seminar IV

3 Credit Hour(s)

Fourth in annual seminars taken by students in the Global and Local Sustainability major. The seminar introduces students to the process of approaching community problems as a team to seek sustainable solutions. From identifying the problems through community conversations to communicating possible solutions, seminar students will apply the sustainable design process to real-world issues. This fourth seminar will emphasize leadership skills in facilitating community change. Seminar projects will typically address campus-wide problems or work within a community in the City of Buffalo. Some field trips will be scheduled outside of class meeting time. Prerequisite: SUST 340 or permission of the instructor. (UG)

SUST 443: Capstone Research in Sustainability

3 Credit Hour(s)

Fulfills core competency: Information Literacy. Fulfills Research and Presentation requirement. Writing Intensive. WIN 3. In this capstone course, students complete research on an approved topic under the direction of faculty members and generate a thesis that synthesizes research from appropriate primary and secondary sources using appropriate assessment methods to evaluate their research. Students are required to present their research orally, in a forum selected by the course instructor(s). Prerequisites: Registration is limited to Global & Local Sustainability majors. Upper division status in the Sustainability department, SUST 340 and concurrent registration in SUST 440. (UG)

Global Studies Minor

PROGRAM ADVISOR: DR. AAKRITI TANDON

Mission Statement for the Global Studies Minor

The mission of the Global Studies minor is to complement and enhance the Daemen College mission to "prepare students for life and leadership in an increasingly complex world" who "recognize the importance of a global perspective" and who are committed to the "well-being of both their local and global communities."

Through coursework, international experience and service learning abroad or with local immigrant or refugee communities, Daemen students completing the Global Studies minor will demonstrate the knowledge, insight, and skills to work for and with people, organizations and businesses with a global focus.

Requirements (15 credits)

Select ONE of the following foundational courses:

- IND120 Introduction to Global Studies (3)
- PSC 121 International Relations (3)
- PSC 210 Politics of Globalization (3)
- HIS 106 World History II (3)

Select One International experience:

Students will complete an International Experience. It may be credit-bearing or not and may include extended living abroad, long or short term study abroad, volunteer or military experience. Typically vacation experiences are not acceptable. Completion of a non-credit study abroad seminar is required prior to departure on study abroad programs. Consult the Global Studies Program Director for details.

Select FOUR from the listing of Global Studies courses:

NOTE: Select from at least THREE disciplines (no more than TWO courses from any one discipline). The following list is not exclusive. Students are encouraged to request a review of other Daemen or transfer courses with significant non-USA content for consideration for the minor by the Director of Global Studies.

Additional courses may be allowed. Students wishing to take courses other than those on the list below must submit their request, with rationale for the substitution, to the Global Studies Program Director. Substitutions are subject to the approval of the Global Studies Committee.

- BA201 Introduction to International Business (3)
- BA220 Diversity and Cross-Cultural Management (3)
- BIO304 Conservation Biology (3)
- ECO343 Global Economic Geography (3)
- FLIT200 Literature in Transition: Crisis of Identity (3)
- FRE207 French Conversation and Composition I (3)
- FRE208 French Conversation and Composition II (3)
- FRE220 Introduction to Literature in French (3)
- FRE240 Grammar and Culture Workshop I (3)
- FRE250 Grammar & Culture Workshop II (3)
- FRE307 Survey of French Literature I (3)
- FRE308 Survey of French Literature II (3)
- FRE312 Advanced French Grammar (3)
- FRE315 French Civilization and Culture (3)
- FRE326 Advanced Conversation in French (3)
- FRE333 Special Topics in Literature (3)
- FRE334 Special Topics in Culture (3)
- FRE335 Special Topics in Linguistics (3)
- HPR303 Traditional Chinese Medicine (3)
- HPR335 Critical Issues in Global Health (3)
- HST105 Introduction to World History I: From Antiquity to 1500 (3)
- HST106 Introduction to World History II: From 1500 (3)
- HST206 Twentieth Century Europe (3)
- HST224 History of the Byzantine World (3)
- HST228 Multicultural Poland: History and Public Memory (3)
- HST230 Problems of the Third World (3)
- HST237 European Intellectual History from the Renaissance to the Enlightenment (3)
- HST248 Ancient Mediterranean World (3)

- HST304 Modern China (3)
- HST308 Modern Latin America (3)
- HST312 Sub-Saharan Africa (3)
- HST317 The Middle East (3)
- HST319 20th Century Russia and Eastern Europe (3)
- HST324 Global Environmental History (3)
- IND104 Global Environmental History (3)
- IND120 Intro to Global Studies (3)
- IND123 Intro to Sustainable Communities (3)
- IND212 Latino and Latin American Culture (3)
- IND215 Service Learning for Refugees Studies (3)
- IND248 International Service Learning (3)
- IND322: Alt and Renewable Energy Issues (3)
- IND325: Introduction to Polish Culture (3)
- IND334: Non-Western Art & Culture (3)
- IND338: Food and Agriculture Issues (3)
- IND345: Introduction to Russian Culture (3)
- IND398: International Experiential Learning (3)
- IND448 International Service Learning (1-3)
- ITA101 Elementary Italian I (3)
- ITA102 Elementary Italian II (3)
- ITA105 Intermediate Italian I (3)
- ITA106 Intermediate Italian II (3)
- ITA207 Italian Conversation & Composition I (3)
- ITA208 Italian Conversation & Composition II (3)
- LIT201 World Lit I (3)
- LIT202 World Lit II (3)
- LIT230 Exile Literature (3)
- LIT309: Film Seminar (3)
- LIT314 Magic Realism in Literature & Film (3)
- LIT316: Empire and the Imagination (3)
- LIT317 Gender Trouble (3)
- LIT320: Modern & Contemporary Irish Literature (3)
- LIT326 Understanding Africa (3)
- LIT329 Imagining Trauma (3)
- LIT330: Scottish Renaissance (3)
- LNG309 Language in Society (3)
- LNG335 Special Topics in Linguistics (3)
- MGT306 International Management (3)
- PHI225 Readings in World Culture (3)
- PHI234 Scientific and Religious View of the World(3)
- PHI306 Eastern Philosophies (3)
- PHI309 The Holocaust (3)
- PHI328 Comparative Genocide (3)
- PSC101 Comparative Political Systems (3)
- PSC121 International Relations (3)
- PSC210 Politics of Globalization (3)
- PSC213 Third World Development (3)
- PSC214 Introduction to Refugee Studies (3)
- PSC218 US Government, World Politics & Globalization (3)
- PSC221 Political Economy of East Asia (3)
- PSC231 International Organizations and Global Governance (3)
- PSC232 International Political Economy (3)
- PSC236 Sports and International Politics (3)
- PSC238 Dictatorship and Democracy (3)
- PSC242 African Politics, Culture & Society (3)
- PSC315 Politics of Western Europe (3)
- PSC326 Politics of East Asia (3)
- PSC327 Politics of South Asia (3)
- REL241 Intro to Islam (3)
- REL308 Spiritual Traditions Sequence I (3)
- SPA105 Intermediate Spanish for Professional Communication I (3)
- SPA106 Intermediate Spanish for Professional Communication II (3)
- SPA207 Spanish Conversation and Composition I (3)
- SPA208 Spanish Conversation and Composition II (3)
- SPA209 Business Spanish (3)
- SPA210 Advanced Spanish for the Health Professional (3)
- SPA110 Spanish for the Health Professions (3)
- SPA220 Introduction to Literature in Spanish (3)
- SPA240 Grammar and Culture Workshop I (3)
- SPA250 Grammar and Culture Workshop II (3)
- SPA307 Survey of Spanish Literature (3)
- SPA309 Survey of Spanish-American Literature (3)
- SPA312 Advanced Spanish Grammar (3)
- SPA315 Spanish Civilization and Culture (3)
- SPA316 Spanish-American Civilization and Culture (3)
- SPA326 Advanced Conversation in Spanish (3)
- SPA328 Spanish Language Film (3)
- SPA333 Special Topics in Literature (3)
- SPA334 Special Topics in Culture (3)
- SPA335 Special Topics in Linguistics (3)
- SPA336 Phonetics & Phonology-Spanish (3)

- SPA337 Hispanic Sociolinguistics (3)
- SUST310 Global Water Issues (3)
- WST216 Women's Worlds: Global Issues in Women's Studies (3)

Individualized Studies

Contact

Program Director

Current Chair of **Educational Policy Committee**

Degree Offered

Bachelor of Arts in Individualized Studies

Students whose intellectual and professional goals are not achieved within the boundaries of existing majors are encouraged to design, with the help of two or more faculty sponsors, an interdisciplinary degree program in Individualized Studies with the area(s) of specialization chosen by the student and reflected on the student's transcript. One full-time faculty member must be identified as the chief sponsor.

The Individualized Studies major is a proactive degree for the highly motivated student whereby the student and faculty sponsor design a program and obtain approval from the Educational Policy Committee (EPC). Before submitting a proposal for this major, the student is advised to explore the possibility of pursuing a double major and to acquaint him or herself with existing majors and minors that can fulfill his or her goals. To help ensure completion of the Bachelor of Arts in Individualized Studies in a timely manner, the completed proposal must be submitted as early in the student's undergraduate career as possible and in no case later than the second semester of the third year of undergraduate study or its equivalent. Any student interested in pursuing a BA in Individualized Studies degree should meet with the Chairperson of the EPC to discuss the Individualized Studies major and review the required forms. Refer to the website for the **BAIS template** and for important information on deadlines and procedures, both of which are also available upon request from the Office of the Registrar.

1. Major

- Minimum 42 credit hours in the major (involving two or more unrelated disciplines).
- 24 credit hours (minimum) in upper-level coursework (300-400 level).
- IND443 Senior Project (ILIT; RP; WI) or an equivalent capstone course offered in any of the College's academic departments is required for completion of the program. This project must meet the criteria required for all Research and Presentation (RP) courses.
- Credit hours in the major may be selected from regular course offerings, approved study abroad experiences, field experience (including field experiences coordinated through our Career Services and Service Learning departments, as well as field experiences/practica sponsored by academic departments), and pre-approved (by appropriate Daemen faculty) course work at other institutions.
- The major may include up to 12 credit hours of Independent Study/Research and 21 credit hours of transfer credit hours.

2. General Education Curriculum

-
  - First Year Seminar (3)
  - Learning Communities (6)
  - Depth- Discovery (9)
  - Breadth- Exploration:
    - Natural Sciences and Mathematics:
      - Choose two courses from: Biochemistry, Biology, Chemistry, Computer Science, Environmental Science, Math and Physics (6)
    - Social Science:
      - Choose two courses from: Anthropology, Economics, History, Linguistics, Political Science, Psychology, and Sociology (6)
    - Humanities:
      - Choose two courses from: Art, English, Language (French or Spanish), Music,

Philosophy, Religion, and Theater. (6)

FOREIGN LANGUAGE REQUIREMENT

Students must complete 6 credits of a foreign language at any level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.

3. Free Electives

- The number of Free Electives in the program is dependent upon the number of credit hours included in the major, i.e., if 42 credits are required in the major, 42 credits will be taken in Free Electives. Should the credits required in the major exceed 42, the number of Free Electives required will be decreased proportionately.
- Courses used to fulfill the free electives may but are not required to have a competency.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Liberal Studies

PLEASE NOTE:

In order to declare a major in Liberal Studies, a student must have already earned a minimum of 30 college credits. Applications must be submitted to the Liberal Studies Advisor.

PROGRAM ADVISOR AMHERST CAMPUS:

Dr. Shawn Kelley

Contact Information: **Skelley@daemen.edu** or (716) 839-8373

PROGRAM ADVISOR HYBRID/STUDY ABROAD – ISRAEL PROGRAM:

Dr. Denise Emer

Contact Information: **Demer@daemen.edu** or (716) 839-8257

Program Delivery: Offered In-person, online, or hybrid formats depending on program acceptance.

General Education Curriculum

All degree programs require completion of the General Education Curriculum. A complete description of the gen ed and its requirements are available in the General Education Curriculum section of the Daemen catalog. Courses that satisfy a portion or complete a core requirement will have such designation indicated after the course title.

1. Major: 54 CREDITS

- 15 credits must be in upper-level studies (courses with a 300 and/or 400 number). These 15 credits will not include the studies used to satisfy the Research & Presentation requirement.
- No more than nine (9) credits of "D" level work may be counted for the major.
- No courses counted in the major may be graded as Satisfactory/Unsatisfactory.
- At least three (3) credits should deal specifically and primarily with a topic outside of the U.S. Courses are subject to the approval of the Liberal Studies Advisor. The three (3) credits can be counted anywhere in the program.
- Transfer credits, such as those completed through international studies and/or cross-registered courses, may count towards the major with the authorization of the Liberal Studies Advisor.
- Courses counted for the major may **not** be counted for the Core or as Free Electives.
- **Humanities: 9 CREDITS**
  - 3 credits in Literature (may be selected from literature offerings in the liberal arts).
  - 6 credits in the following (selections may be in one or in multiple areas): Art History; Literature; Modern Languages (300 or 400 level courses only); Philosophy; Religious Studies; Theater.
- **Social Sciences: 9 CREDITS**
  - Courses to be taken in a minimum of **two** of the following areas: Economics; Geography; History; Linguistics; Political Science; Psychology; Sociology (Social Work courses are not allowed).
- **Sciences/Math: 6 CREDITS:**
  - Courses to be taken in the following (selections may be in one or in multiple areas): Biology; Biochemistry; Chemistry; Environmental Science; Forensic Science; Mathematics; Natural Sciences; Physics.
- **Liberal Studies Core Cluster: 18 CREDITS**

- In addition to the coursework completed to meet the Humanities, Social Sciences, and Sciences requirements, students must complete one of the following options:
    - **Option A:** 9 credits to be completed in each of two academic departments. **NOTE**: Course selections may derive from previous majors but are designed around a liberal arts focus planned in consultation with the Liberal Studies Advisor.
    - **Option B:** Completion of a minor in any of the departments represented in the areas of: Humanities; Social Sciences; Sciences. Should the minor selected require less than 18 credits, the remaining credits will be selected from the liberal arts and with the approval of the Liberal Studies Advisor.
- **Research & Presentation: 3 CREDITS**
    - Students may fulfill this requirement through an approved Research and Presentation course with the authorization of the Liberal Studies Advisor. Faculty advisor(s) from appropriate disciplines will oversee the research project. Venues for public presentation include the annual spring Academic Festival or a fall gathering of department members/majors of relevant disciplines (to be arranged by the Liberal Studies Advisor).
- **Foreign Language: 6 CREDITS**
    - Foreign Language Requirement: Students must demonstrate proficiency in a foreign language through the intermediate level. The requirement may be satisfied through the completion of college-level coursework or the successful completion of a proficiency examination. A complete description of the requirement is available in the **Foreign Language** section of the Daemen catalog.
- CMP101 Composition I (3)

2. General Education Curriculum: 36 CREDITS

- First Year Seminar (3)
- Learning Communities (6)
- Depth- Discovery (9)
- Breadth- Exploration:
    - Natural Sciences and Mathematics:
        - Choose two courses from: Biochemistry, Biology, Chemistry, Computer Science, Environmental Science, Math and Physics (6)
    - Social Science:
        - Choose two courses from: Anthropology, Economics, History, Linguistics, Political Science, Psychology, and Sociology (6)
    - Humanities:
        - Choose two courses from: Art, English, Language (French or Spanish), Music, Philosophy, Religion, and Theater. (6)

3. Free Electives: 30 CREDITS

- Complete 30 credits. 6 credits must be in Liberal Arts and Sciences from the following subjects: Anthropology, Art, Biochemistry, Biology, Chemistry, Composition, Computer Science, Economics, Environmental Science, French, Geography, History, Linguistics, Literature, Math, Music, Philosophy, Physics, Political

Science, Psychology, Religion, Sociology, Spanish, and Theater.

STRONGLY RECOMMENDED: Completion of a Career Field Experience or any internship experience approved by the Liberal Studies Advisor.

TOTAL PROGRAM REQUIREMENTS = 120 CREDITS

Graduation Requirements

A cumulative grade point average (GPA) of 2.00.

Military Science (ROTC)

(Cross-enrollment at Canisius University)

Essential Courses

The Military Science program is available to Daemen students as part of the cross registration program with the Western New York Consortium of Colleges. Under this agreement full-time matriculating students may take one cross-registered course of their full-time load (12-18 credits = full time) each semester without additional charge. Should a student exceed the 18-credit-hour maximum, the usual per credit hour Daemen tuition charges will then be assessed.

The military science courses are offered by and at **Canisius University**. Information on program opportunities and requirements is available through the **ROTC office of Canisius University**.

While ROTC courses may **not** be taken for credit in the core, they are acceptable as Free Electives outside the core provided that such credits are available in the student's academic program. ROTC courses may also be completed as credits over and above degree requirements. No tuition charge will be assessed for ROTC courses for which no credit is applicable to the degree.

Contact Information

716-888-3239
rotc1@canisius.edu

Community Engagement Through Experiential Learning at Daemen University

Joining hands between theory and practice – benefiting students and the global community.

Daemen University proudly continues its commitment to experiential learning in the community through the Paul A. Saffrin Center for Sustainability and Civic Engagement. Additionally, many academic departments, Athletics, Academic Success & Career Exploration for New Directions (ASCEND), the Center for Interprofessional Learning & Simulation (CILS), Global Programs, and the Institute for Mobility, Innovation & Technology (IMIT), integrate experiential learning into the curriculum and/or through specific assignments and class projects. To explore opportunities for experiential learning within your academic program, please contact your academic advisor or Department Chair. If you have an innovative idea for a new academic-community partnership, please stop by the Center, located in DS 226.

DAEMEN UNIVERSITY | A WORLD OF OPPORTUNITY

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