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UNDERGRADUATE CATALOG

This Catalog is for informational purposes only and is subject to change without notice. The provisions of the Catalog do not constitute a contract, express or implied, between any applicant, student or faculty member and Medaille College. The College reserves the right to withdraw courses or programs at any time, to change fees or tuition, calendar, curriculum, faculty assignments, degree requirements, graduation procedures, and any other requirements affecting students. Changes will become effective whenever determined by the College and will apply to both prospective students and those already enrolled. Courses are not necessarily offered each semester or each year. Students should always consult with their College advisors to confirm all information. The College retains the exclusive right to judge academic proficiency and may decline to award any degree, certificate, or other evidence of successful completion of a program, curriculum, or course of instruction based thereupon. While some academic programs described in the Catalog are designed for the purposes of qualifying students for registration, certification, or licensure in a profession, successful completion of any such program in no way assures registration, certification, or licensure by an agency other than Medaille College.

Disclosure Statement

The student should be aware that some information in the catalog may change. It is recommended that students considering enrollment check with the school director (or designee) to determine if there is any change from the information provided in the catalog. In addition, a catalog will contain information on the school’s teaching personnel and courses/curricula offered. Please be advised that the State Education Department separately licenses all teaching personnel and independently approves all courses and curricula offered. Therefore, it is possible that courses/curricula listed in the school’s catalog may not be approved at the time that a student enrolls in the school or the teaching personnel listed in the catalog may have changed. It is again recommended that the student check with the school director to determine if there are any changes in the courses/curricula offered or the teaching personnel listed in the catalog.

Higher Education Opportunity Act (HEOA) Compliance

Information regarding Medaille College’s compliance with the Higher Education Opportunity Act (HEOA) is published on the College’s website, available here: www.medaille.edu/heoa.

Information for Students and Prospective Students

Pursuant to the New York State Education Department’s Title 8 Chapter II Regulations of the Commissioner Part 53 Information for Students and Prospective Students, Medaille College publishes information regarding “financial assistance available to students, costs of attending the institution, the refund policy of the institution, and the instructional programs and other related aspects of the institution” to students and prospective students. This information is provided in

www.medaille.edu
the Undergraduate Catalog and program-specific handbooks, where appropriate. Catalogs and handbooks are available here: http://www.medaille.edu/academics/catalogs.

Accreditation

Medaille College is chartered by the Board of Regents of The University of the State of New York. It is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104, (215) 662-5606. The Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and The Council for Higher Education Accreditation. The College’s degree programs are registered by the New York State Education Department, Office of Higher Education, Cultural Education Center, Room 5B28, Albany, NY 12230, (518) 474-5851.

More information is available here: http://www.medaille.edu/about-medaille/accreditations.

PROGRAM-SPECIFIC ACCREDITATION

American Veterinary Medical Association (AVMA)
The Associate in Science in Veterinary Technology and the Associate in Applied Science in Veterinary Technology degrees are accredited by the American Veterinary Medical Association (AVMA).

Council for Accreditation of Counseling and Related Educational Programs (CACREP)
The Council for Accreditation of Counseling and Related Educational Programs (CACREP), a specialized accrediting body recognized by the Council for Higher Education Accreditation (CHEA), has granted accreditation to Medaille’s Master of Arts program in Clinical Mental Health Counseling (CMHC) offered at the College’s Buffalo and Rochester campuses.

Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)
The BPS in Health Information Management program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). Graduates and final term students are eligible to register for the national Registered Health Information Administrators (RHIA) credential examination offered by the American Health Information Management Association (AHIMA).

International Assembly for Collegiate Business Education (IACBE)
Medaille College has received specialized accreditation for its business programs through the International Assembly for Collegiate Business Education (IACBE) located at 11374 Strang Line Road in Lenexa, Kansas, USA. The business programs in the following degrees are accredited by the IACBE:

- Master of Business Administration

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- Master of Organizational Leadership
- Bachelor of Business Administration
- Bachelor of Science in Business Administration
- Bachelor of Science in Sport Management

The IACBE requires that every member disclose their learning outcomes assessment. The assessment results can be found in the annual reports, available here: IACBE Annual Report 2013-14 (Business) and here: IACBE Annual Report 2013-14 (Management and Leadership)

**Teacher Education Accreditation Council (TEAC)**
The Teacher Education Program at Medaille College is awarded TEAC accreditation by the inquiry Brief Commission of the Council for the Accreditation of Educator Preparation (CAEP) for a period of seven years, from April, 2015 to April, 2022. The accreditation does not include individual education courses that the EPP offers to P-12 educators for professional development, re-licensure, or other purposes.

**College Memberships**

**Title IX**
Medaille College is an affirmative action/equal opportunity employer. Further, it admits students of any race, color, national and ethnic origin, and age to all rights, privileges, programs, and activities generally accorded its students. In conformance with Title IX, 1972 Education Amendments, it does not discriminate on the basis of sex, race, color, handicap, national and ethnic origin or age in the administration of its educational policies, admissions policies, scholarship and local programs, and athletic and other institutionally administered programs.

More information about Title IX may be found here: http://www.medaille.edu/offices/human-resources/title-ix.

**Students With Disabilities**
In compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Medaille College does not discriminate on the basis of disability. Medaille College endeavors to assist students on an individual basis with any expressed concerns. The Office of Accessibility Services assists students with registered disabilities in all

[www.medaille.edu](http://www.medaille.edu)
aspects of College life. Based on the submission of appropriate documentation, College personnel do as much as is reasonable to ensure that individuals with disabilities achieve independence and fully participate in the educational process in a comprehensively accessible environment. Students requesting services and/or accommodations must directly contact the Coordinator of Accessibility Services. Additional information may be found here: http://www.medaille.edu/disability-services.

GENERAL INFORMATION

Academic Calendar

Medaille College’s 2018-2019 Academic Calendars can be found by following the link below: http://www.medaille.edu/academics/academic-calendar.

**Note: There are multiple calendars, depending upon the academic program that an individual is enrolled in. Any questions about academic dates may be directed to the Office of Academic Affairs located in the Main Building, Room 202 or by phone (716) 880-2240.

History

With locations in Buffalo and Rochester, and online, Medaille College is a private, four-year college committed to serving the higher education needs of Western New York. Known for its flexible delivery systems, the college offers associate, bachelors, master’s and doctoral degrees through day, evening, weekend, and online programs to a diverse regional student population.

Medaille traces its roots to 1875 when the Sisters of Saint Joseph founded an institute for the preparation of teachers. In 1937, the Sisters received a charter from New York State to grant baccalaureate degrees in education to women in religious orders, and the institute was named Mount Saint Joseph Teachers’ College.

In 1968, the Sisters of St. Joseph, led by Alice Huber, SSJ, Ph.D., initiated a change in the charter that would create a co-educational college. New York State issued the charter and Medaille College was born. Granted by the Board of Regents, this charter established the College as an independent institution governed by a self-perpetuating Board of Trustees.

Medaille experienced significant growth in the 1970s and student enrollment has risen steadily ever since. During the 1980s and 1990s, the College strengthened programs and services for a growing and diverse student body.

In 1991, the College implemented a residence program, attracting students from across New York State and Southern Ontario. Three years later, the Kevin I. Sullivan Campus Center opened, offering students a setting for dining, recreational and co-curricular activities. With the Trbovich Alumni Tower welcoming all visitors, the Sullivan Center serves as home to the
Mavericks’- men’s and women’s National Collegiate Athletic Association Division III sports programs.

The Buffalo campus has continued to expand its facilities and services to meet the needs of a growing college population. Major capital investments have enhanced students’ learning opportunities and access to support services while encouraging a vibrant student life experience. With two residence halls, technologically-enhanced classrooms, academic programs that integrate liberal and pre-professional learning and practical problem solving, and an array of extra- and co-curricular opportunities, the campus has evolved into a vital learning environment within the historic Olmsted Crescent of Buffalo.

In 2010, Medaille initiated its online program, which continues to grow with new degree options. In the fall of 2011, the college completed a construction project that doubled the size of Huber Hall with a Student Success Center that integrates academic and student support services under one roof. In September 2012, the Sullivan Center expansion was completed, creating a 3,000-square-foot fitness center, an events arena with a 750-person capacity, locker rooms, and student group meeting spaces. And September 2017 saw the completion of Medaille’s latest construction projects, a 1,600-square-foot science lab.

In June 2015, Medaille welcomed its seventh president, Dr. Kenneth M. Macur. Under his leadership, the College looks to expand program offerings, post-baccalaureate partnerships, and enrollments.

With an economic impact on the community that exceeds $147 million, Medaille’s leadership role continues to grow. The College has nearly 80 full-time and more than 250 part-time faculty members.

The growth of Medaille College throughout its history has been guided by a commitment to being the “college of opportunity” for the region that it serves. As the College continues to innovate and respond to the higher education needs of the 21st century, it embraces this ethos even more. Medaille and has set a strategic direction that seeks to extend and deepen what “opportunity” means for both its students and the community in which they live.

**College Mission**

The mission of Medaille College is to educate and develop empowered individuals for academic achievement, career success and civic engagement, thereby contributing to a healthy, diverse democracy.
College Vision

Medaille College will be known as a leader in providing inspiration and opportunity for students, faculty, staff, alumni and community by supporting academic development, positive personal transformation and a strong sense of civic-mindedness.

College Values

CURIOSITY

Medaille is committed to inspiring intellectual curiosity and wonder as a foundation for academic, professional and civic achievement. Medaille is dedicated to preserving and supporting an educational environment of creativity, passion and innovation.

EXCELLENCE

Medaille seeks to maintain and support a culture of intellectual and personal growth. Medaille encourages the pursuit of the highest levels of academic, civic and personal achievement.

INTEGRITY

Medaille is dedicated to providing an atmosphere of trust, and will actively engage the world with honesty, respect, responsibility, dignity and compassion. Medaille holds the highest standards of ethics and personal responsibility.

COMMUNITY

Medaille values community as a coming together of diverse individuals who endeavor to create an inclusive, supportive and collaborative society.

Essential College-Wide Learning Outcomes

UNDERGRADUATE COLLEGE EDUCATIONAL VISION

Medaille College aspires to foster a culture of learning that blends theory with practice, liberal learning with professional studies, and the formal curriculum with the co-curricular. The guiding principle of the undergraduate curriculum at Medaille College is that students will receive a liberal education that exposes them to multiple disciplines and ways of knowing that complements their in-depth study in a major. By design, Medaille exposes students to a knowledge base about professions, human culture, and the natural world that combines depth of study in a specific academic major with breadth of study in a representative variety of arts and sciences disciplines. As a result, Medaille graduates will demonstrate proficiency in the core competencies essential for lifelong personal development, adaptability to change, professional competence, civic engagement, and global understanding. To this end, faculty and other campus
educators strive to provide undergraduates with coherent, integrated, and dynamic learning experiences in a depth and breadth of study within and across the majors. Such study shall prepare them for success in the twenty-first century, both personally and professionally, as culturally literate problem solvers and lifelong learners.

LEARNING OUTCOMES

Critical Thinking
Critical thinking is reasoned analysis and evaluation of an object of study, especially its claims, assumptions, and evidence of reasoned analysis. Critical thinking is characterized by open-minded and reflective inquiry that cultivates understanding and informed judgment.

Cultural Literacy
Cultural literacy is the ability to demonstrate an understanding of science, culture, and society, as well as an understanding of the interconnectedness of these elements of human experience. More than mere memorization of facts, this outcome is achieved by research, creative expression, civic or global engagement, and other experiential learning. The result includes the ability to recognize and integrate important elements of artistic and scientific achievement, and political, historical and philosophical understandings, in order to participate in a reasoned, informed discourse and engage in creative problem solving.

Ethical Reasoning
Ethical reasoning is the ability to recognize and analyze ethical issues—personal, civic, and professional—and to rationally evaluate solutions to those problems by using ethical theories and other relevant knowledge. Ethical reasoning thus combines a basic awareness of ethics with a working knowledge of ethical theory. The development of ethical reasoning will enable students to integrate theory and practice in the critical evaluation of solutions to the problems they face in a complex and globally-connected world.

Information Literacy
Information literacy includes determining the nature and extent of the information that is needed; locating information effectively and efficiently; evaluating the information critically; utilizing it for specific and desired purposes; and recognizing legal and ethical aspects of the information, such as plagiarism.

Integrative Thinking
Integrative thinking entails the ability to synthesize knowledge and connect modes of thinking in two or more disciplines, or sub-disciplines. The purpose is to explain a phenomenon, to solve a problem, to create a product or other form of expression, and/or to make informed decisions in ways that would have been impossible or unlikely through a single disciplinary lens.

Oral Communication
Oral Communication is the ability to communicate orally in a manner that unites theory, criticism, and practice to produce effective discourse. It includes awareness of audience and the
use of language, grammar, and appropriate examples; it also includes effective responses to the audience’s questions and/or comments.

**Quantitative Reasoning**
Quantitative reasoning is the ability to recognize relations among quantities, represent those relations with a formal system, and communicate predictive and descriptive information about those relations. Quantitative Literacy is demonstrated in the application of symbolic manipulation, quantitative analysis, and logical interpretation to problem solving.

**Scientific Reasoning**
Scientific reasoning is the ability to use deduction and/or induction and scientific methodology to find objective truth about phenomena in the natural world. Scientific methodology includes the use of experimentation, observation and data collection, the formulation and testing of hypotheses, as well as unbiased analytical reasoning.

**Technological Reasoning**
Technology is characterized by an adherence to digital communication, application of technical knowledge, transfer of knowledge and skills and making multidisciplinary connections.

**Written Communication**
Written Communication involves the ability to develop and support a clear and concise document that unites theory and practice in order to fulfill a purpose that is relevant and appropriate for its audience.

**Strategic Plan**

Medaille College’s Strategic Plan can be found by following the link below:

**Locations**

**BUFFALO CAMPUS**

The Buffalo Campus is located in Buffalo, New York, on an attractive, 13 acre, tree-lined urban campus at the intersection of Route 198 (Scajaquada Expressway) and Parkside Avenue. The campus is located within the Olmsted Crescent, a historic area of parkways and landscape designed by Frederick Law Olmsted. Adjacent to Delaware Park and the Buffalo Zoological Gardens, the Buffalo Campus is easily accessible by car, bus or Metro Rail. The College is served by the Humboldt-Hospital NFTA rapid transit station, and a circulator shuttle runs frequently between auxiliary parking at the Buffalo Zoo and campus. In addition, Medaille is close to the world famous Albright-Knox Art Gallery, the Buffalo and Erie County Historical Society Building, the Buffalo Museum of Science, and the Buffalo and Erie County Public Library. The Buffalo Campus is home to academic degree programs, athletic facilities,
administrative offices, residence halls, student support, academic support, and the Huber Hall Library.

2 AGASSIZ

2 Agassiz houses the Campus Public Safety Office, the Office of Institutional Research and Planning, and the Title IX Coordinator.

73 HUMBOLDT

73 Humboldt houses the College Relations Office, which includes Alumni Relations, Development, and Communication and Marketing operations. The first floor houses the offices of the Perspective, the campus newspaper, and Incite, the campus magazine. Entrances are available at the front and back of the house.

77 & 81 HUMBOLDT

77 & 81 Humboldt are home to the School of Education. The School of Education encompasses undergraduate and graduate programs, and the Reading Center. More information on the Reading Center is available here: http://www.medaille.edu/reading. Faculty and administrative offices, as well as conference areas, are located in these building. The main entrances are located at the back of the buildings.

85 HUMBOLDT

Medaille College’s Adult, Graduate and Online Admissions team is located 85 Humboldt.

91 HUMBOLDT

The Upward Bound team is located in 91 Humboldt.

103 HUMBOLDT

103 Humboldt contains faculty offices for the Department of Counseling and Clinical Psychology, as well as a conference area.

107 HUMBOLDT

107 Humboldt Parkway houses Medaille College’s Information Technology staff and equipment. The IT Helpdesk, equipped to assist students, faculty, and staff with network password difficulties, computer hardware issues, and other technology questions, is located in this building. The IT website is available here: http://it.medaille.edu.
117 HUMBOLDT

117 Humboldt houses the Wellness Center. This building is home to the Health Services and Counseling Center.

121 HUMBOLDT

121 Humboldt Parkway houses additional Information Technology support staff.

ADMISSIONS BUILDING

This architecturally distinctive building is home to the Undergraduate Admissions Office.

DOWNEY SCIENCE BUILDING

The Downey Science Building, opened in 1987, contains a chemistry lab, two biology labs, an animal technology lab, and faculty offices. It is connected to the Main Building by an atrium and to Huber Hall by an enclosed walkway. The building is named in honor of Dr. Leo R. Downey, President of the College, 1978-1987.

HUBER HALL

Huber Hall contains the Student Success Center which includes the Advisement Center, Academic Support Center, Career Planning, Accessibility Services, the TRiO program, and the Office of Multicultural and Community-Based Learning. Huber Hall also contains classrooms, faculty offices, the Academic Computing Center, and the Medaille College Library. The building is named in honor of Dr. Alice Huber, S.S.J., President of the College, 1968–1974.

KEVIN I. SULLIVAN CAMPUS CENTER

The Kevin I. Sullivan Campus Center, opened in 1994, is the primary facility for campus activities. The Sullivan Center houses Student Development, Athletics, the college store, dining facilities, Residence Life, Student Involvement, and meeting spaces for clubs and organizations. Additional features include: a multipurpose/campus event center with a seating capacity of over 600 people; 3,000-square-foot fitness center; and the President’s Dining Room, which serves as a special event and entertainment suite venue overlooking the multipurpose center and gymnasium. The building is named in honor of Kevin I. Sullivan, President of the College, 1987–2001. More information is available here: http://www.medaille.edu/sully

MAIN BUILDING

Centrally located on campus, the Main Building houses offices for Academic Affairs, Student Accounts, Financial Aid, Registrar, and the President. The Information Office, the College radio lab, TV studio, photography laboratory, classrooms, department and faculty offices are also
located in the Main Building. The fourth floor is a dedicated Academic Commons space for students, faculty, staff, and visitors. The Academic Commons features seating for studying and relaxing, a flat-screen high definition television, computer stations, and a student-run café. Elevator service for the handicapped is available in this building. A lift provides accessibility from the exterior and skywalks allow access to Huber Hall and the Kevin I. Sullivan Campus Center. An auditorium/lecture hall and a Veterinary Technology animal housing facility, containing a modern clinical laboratory, computer instructional lab and offices, are connected to the Main Building.

**NORTH RESIDENCE HALL**

The North Residence Hall offers spacious apartments for the upper class resident students and comfortable suites for entering freshman and current resident students. Both facilities offer a card-access security feature.

**SOUTH RESIDENCE HALL**

The South Residence Hall offers double occupancy rooms, with private bathrooms, laundry facilities and computer stations per floor. Attractive lounges, overlooking the campus quad and Main Building, offer a convenient place of study, programming and conversation.

**ROCHESTER CAMPUS**

The Rochester Campus offers undergraduate and graduate degrees through the Adult and Graduate program. Located at Cambridge Place, 1880 South Winton Road in Rochester, New York. The campus is situated near Rochester's Outer Loop (I-390/590) in Brighton, just a short distance from exit 1 on I-590. The Rochester campus contains nine classrooms, each with a capacity of 24 students. Classrooms are equipped with audio-visual aids and are wired for Internet accessibility. The library includes student computer stations and a multipurpose/conference room. Administrative offices located at this campus include Student Services, and Admissions. Financial Aid and Student Account representatives hold regular office hours at the Rochester Campus. Comprehensive information regarding Medaille College’s locations, including campus maps, directions, and virtual tours are available here: [http://www.medaille.edu/campus/medaille-college-rochester-campus](http://www.medaille.edu/campus/medaille-college-rochester-campus).

**Parking**

- Additional parking information may be found here: [http://www.medaille.edu/public-safety/parking-and-busses](http://www.medaille.edu/public-safety/parking-and-busses).
- Limited student, faculty, and staff parking is provided on the Buffalo Campus. Appropriate parking permits are required. Visitor parking, temporary parking permits, and parking for those requiring handicapped spaces are also available. Parking permits are available in the [Campus Public Safety Office](http://www.medaille.edu) located at 2 Agassiz Circle.
• Rochester Campus students, staff, and faculty must obtain a parking permit at the Rochester Campus. This permit is also accepted at the Buffalo Campus.
• Students should obey handicapped space restrictions as well as identified site-specific parking constraints.
• Vehicles without permits are subject to ticketing. Medaille College is not responsible for theft or damage for any vehicle parked in its parking lots or to any personal property contained within. The College reserves the right to have unauthorized or improperly parked vehicles ticketed or towed at the expense of the owner.

**Campus Emergency Closure**

In the event of a campus emergency closure, students are required to log on to their Blackboard course link to continue with course requirements and to communicate with instructors. Students should access this course link early in the semester to familiarize themselves with it. Any access or usage problems should be reported to the course instructor. Students are encouraged to sign up for immediate alerts by text, phone, or email. Sign up here: [http://www.medaille.edu/current-students/public-safety/emergency-information](http://www.medaille.edu/current-students/public-safety/emergency-information).

**Applying for Admission**

Students are encouraged to visit the Admissions homepage for more information.

**ADMISSIONS POLICY**

Medaille College accepts students from varied backgrounds whose academic and extracurricular records indicate they have the potential to succeed. Consideration is given to academic preparation as evidenced by courses taken, grades received, standardized test scores, placement test scores and life experiences. Admission to the College does not automatically entitle the student to admission into any particular program. In conformance with Title IX, 1972 Education Amendments, the College does not discriminate on the basis of sex, race, color, handicap, national and ethnic origin or age in the administration of its educational policies, admissions policies, scholarship and student aid, athletic, or other institutionally administered programs.

**WHEN TO APPLY**

Medaille College operates on a rolling admissions policy. Refer to the Undergraduate Admissions page for more information on application procedures and deadlines.

**Note:** For information regarding the undergraduate academic programs offered in the online format, contact the Office of Online Admissions. Contact information is available here: [http://www.medaille.edu/admissions/how-apply/online-admissions](http://www.medaille.edu/admissions/how-apply/online-admissions).

[www.medaille.edu](http://www.medaille.edu)
1. Apply to Medaille
Free, online applications are available here: http://www.medaille.edu/undergraduate-programs. Paper applications may be requested by writing or telephoning the Admissions Office, Medaille College, 18 Agassiz Circle, Buffalo, New York 14214; (716) 880-2200 or (800) 292-1582.

2. Submit Transcripts
First-time college students should request that their official transcripts be sent from their high school to Medaille College’s Admissions Office. Transfer students must submit official transcript(s) from all colleges previously attended as well as official high school transcript(s).

   a. Official Transcript Policy
   Students are responsible for submitting official transcripts no later than the completion of their first term/semester. Students who fail to submit official transcripts will be administratively withdrawn from the College. Students may reapply for admission once official transcripts are received by the College.

3. Submit Standardized Test Scores
Students apply directly to Medaille College from high school. The student should submit SAT or ACT scores to the institution. Medaille College also accepts the Certificate of High School Equivalency Diploma/General Educational Development Test (GED).

4. Next Steps: Credential Review
Applications are reviewed by Admissions staff upon completion of steps 1 through 3. Applications and all supportive credentials become the property of Medaille College and will not be returned to the applicant.

5. Notification/Acceptance
Medaille College follows a policy of “rolling admissions.” Students are notified of admissions decision within two weeks of completing the application process. Acceptance is conditional until final semester and/or year grades have been submitted to Medaille College.

6. The Tuition Deposit
To reserve a position in a program of study at Medaille, students will be required to submit an Intent to Enroll form, or to pay a $100 tuition deposit. Contact Admissions for the amount due toward the specific program. Students should submit the deposit within one month of acceptance. The deposit is non-refundable and will be credited to the first semester’s tuition. Contact Student Accounts at (716) 880-2235.

7. Testing
Prior to acceptance, some students may be requested to take placement tests in math, reading and writing. The scores will be used to place students in appropriate courses. All students should refer to their specific program sections in this Undergraduate Catalog for possible additional testing requirements.
8. Proof of Immunization
New York State law requires that all college students born on or after January 1, 1957 must provide medical proof of immunization for measles, mumps, and rubella prior to enrollment. Additionally, all students, regardless of birth date, are required to receive information about the risk of meningococcal disease and the benefit of vaccination. Students are required to submit proof of vaccination within the last 5 years or sign a waiver refusing the vaccine, prior to enrollment. Immunization information is available here: [http://www.medaille.edu/current-students/wellness-center/health-services/immunization-requirements](http://www.medaille.edu/current-students/wellness-center/health-services/immunization-requirements) Contact the Wellness Center for further information, by calling (716) 880-2112).

9. Early Admissions for High School Students
Medaille offers an Early Admissions Program in order to provide increased educational opportunities for qualified high school students. The admissions policy for the program is based primarily on the New York State Education Department Early Admissions Guidelines. Two types of early admissions are available:

- Non-matriculated, in which the student retains his/her high school status; and
- Matriculated, in which the student studies full-time under supervision at the college level before completing formal coursework for the high school diploma.

**Note: The student Admissions counselor can give more information about Early Admissions.

Conditional Acceptance
Students may be conditionally accepted for admission to the College with the expectation that they will be able to submit appropriate documentation.
Documents such as:

1. Teacher Certification/Licenses
2. Official Transcripts

Conditional acceptance is only valid for one term/semester. If a conditional acceptance is not met after the first term/semester, students will be administratively removed from the College and will have to reapply for admission.

Terms of Probationary Admittance

1. The student with probationary admission is allowed to be enrolled in one semester of courses.
2. A registration hold will be placed on the students’ record, preventing future term registration.
3. The student must earn a minimum 2.0 cumulative GPA by the end of the first semester.
4. The student who does not earn a minimum 2.0 cumulative GPA in the first semester is academically dismissed from Medaille College and can reapply in six months.
5. The student who earns a minimum 2.0 cumulative GPA in the first semester may continue in their program. The registration hold will be removed and registration completed.
6. The student with probationary admission who earns a minimum 2.0 GPA in the first semester and continues must then maintain a minimum cumulative GPA of a 2.0 through the rest of the program.

7. In the remainder of the program, in the event the cumulative GPA falls below a 2.0, the student will be placed on Academic Probation.

ADMISSIONS REQUIREMENTS: ON-GROUND PROGRAMS

1. Medaille College Online Application
2. Resume (AAS-Vet Tech ONLINE ONLY)
3. Essay (AAS- Vet Tech ONLY)
   a. 600-word essay should contain how and why the student is interested in the program, what the student knows about the veterinary medical field, what the student’s experience is in the field and what the student envisions themselves doing after graduation.
4. Official high school transcripts or GED with scores
5. Official transcripts from all colleges or universities attended
6. An applicant who has had previous academic deficiencies will be asked to write an explanation of performance and motivation to complete the online program. Admission may be offered with appropriate evidence supporting the student’s ability to succeed.
7. FAFSA (Free Application for Federal Student Aid) if wish to apply for financial aid.

ADMISSIONS REQUIREMENTS: ONLINE PROGRAMS

1. Medaille College Online Application
2. Resume (AAS-Vet Tech ONLINE ONLY)
3. Essay (AAS- Vet tech ONLY)
   a. 600-word essay should contain how and why the student is interested in the program, what the student knows about the veterinary medical field, what the student’s experience is in the field and what the student envisions themselves doing after graduation.
4. Official high school transcripts or GED with scores
5. Official transcripts from all colleges or universities attended

ADVANCED PLACEMENT AND INTERNATIONAL BACCALAUREATE

High school students may earn Medaille College credit by taking college-level courses in their high schools. Medaille College will accept Advanced Placement test scores of 3 or better and International Baccalaureate scores of 5 of better.

ARTICULATION AGREEMENTS

Medaille College works with the region’s two-year colleges, BOCES programs, and high schools to facilitate student transfer of College-level credit and to welcome transfer students to the
MEDAILLE COLLEGE GLOBAL UNIVERSITY PARTNERSHIPS

Medaille College maintains partnerships with a number of universities around the world that provide opportunities for student and faculty collaboration and exchange.

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<td>Federal University of Mato Grosso (UFMT)</td>
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<td>Kyungpook National University</td>
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INTERNATIONAL STUDENTS

International students enrolled in Buffalo Campus undergraduate programs must meet the standard admission criteria of Medaille College. In addition, they must present evidence that they have command of the English language. An English language proficiency test; the minimum acceptable scores are as follows:

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<th>TOEFL</th>
<th>Paper-Based</th>
<th>IELTS</th>
<th>iTEP</th>
<th>Pearson</th>
<th>Eiken</th>
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www.medaille.edu
International Student transcripts of all secondary and college work must be submitted. Certified translations must also be provided for documents supplied in a language other than English. A certified course-by-course evaluation of foreign credentials is required for all college work. Certified transcripts of secondary and college work must be submitted. All non-US/Canadian transcripts should be accompanied by certified translations. Certified evaluations/translations can be attained through one of the following agencies: [www.wes.org](http://www.wes.org) (World Education Services) or [www.ece.org](http://www.ece.org) (Educational Credential Evaluators). This procedure is necessary for official credit, grade, and language conversion. The Admissions Office will not review academic credentials without evaluation from one of the above agencies. Since federal and/or state financial aid is not available to international students, they are required to present certified evidence of sufficient funding to cover their educational expenses.

**UNDERGRADUATE MATRICULATION**

Students accepted by the College as degree/certificate-seeking candidates in a specific program are considered to be matriculated. However, undergraduate students may take up to 15 credit hours at Medaille without degree/certificate-seeking status. In this case, students are considered non-matriculated. Students should note that financial aid is not available to non-matriculated students. Transcripts from other institutions are not required for non-matriculated students. Non-matriculated students apply to the College through the Admissions Office; and register for courses through the Registrar’s Office. Upon completion of 15 undergraduate credits, non-matriculated students must apply through Admissions for degree/certificate-seeking status.

**TRANSFER CREDITS**

Medaille’s transfer policy permits acceptance of credit earned at other accredited transfer credits and institutions of higher learning. Students who wish to have credits earned at other regionally accredited institutions applied toward fulfillment of their course of study at Medaille should check with the Admissions Office for an evaluation of these credentials. The acceptance of transfer credit for a core course which is over 20 years old will be determined by the Department Chair or appointee in consultation with appropriate department faculty. Only those credits are accepted that relate to the degree program they will enter.

**Undergraduate Academic Programs**

A maximum of 90 credit hours may be transferred toward a baccalaureate degree from other accredited undergraduate academic programs; however, no more than 72 hours may be transferred from two-year colleges. A maximum of 45 credit hours toward an associate degree may be accepted in transfer from other accredited undergraduate academic programs.
Transfer Policy for School of Education Students (B.S.Ed.)
This policy applies to students who are transferring into one of the following B.S.Ed. degree programs: Adolescent Teaching: Biology 7–12 & Students with Disabilities, Adolescent Teaching: English 7–12 & Students with Disabilities, Adolescent Teaching: Mathematics 7–12 & Students with Disabilities, Adolescent Teaching: Social Studies 7–12 & Students with Disabilities, or Education: Early Childhood/Childhood (B-6) (concentrations in Biology, English, Mathematics, or Social Studies).

Medaille College evaluates transfer credit into its B.S.Ed. Early Childhood/Childhood and Adolescent and Students with Disabilities programs from accredited postsecondary institutions based on current New York State Education Department curriculum program standards, including those covering Content Core (concentration)-Liberal Arts and Sciences and General Core Liberal Arts and Sciences.

However, in order to ensure that students successfully meet New York State Education Department learning standards and outcomes, students may be required to take specific general education core or content area courses at Medaille if they have not already been completed elsewhere. These specific course requirements are published in the Undergraduate Catalog and in curriculum planning and advising documents available to students.

Fifty percent of the total credits in the degree program must be in the liberal arts and sciences as defined by the New York State Department of Education (NYSED) at the time of graduation.

Transfer Students Holding an Associate’s Degree
Medaille College will ordinarily grant full credit (a minimum of 60 credits) for completed coursework to transfer students from two-year Colleges who have successfully earned an A.A. or A.S. degree. As necessary and appropriate, the College will grant credit for transfer courses with “C-” or “D” grades and will count these courses toward the completion of matriculation requirements. In certain instances, College policy regarding an acceptable passing grade in a required and/or prerequisite course may necessitate that a student repeat a course in order to meet the minimum standard required of all Medaille students. Only credit is transferable; grades, quality points, and cumulative averages do not transfer.

Transfer Students without a Degree
In the area of a student’s major program of study only grades of “C” or better are transferable. Medaille may accept in transfer up to 12 credit hours of “C-“ or “D” grades as liberal arts electives or free electives provided that the overall transfer average is at least 2.0. Only credit is transferable; grades, quality points, and cumulative averages do not transfer.

COURSE TRANSFER POLICY
The acceptance of transfer credit is based on course equivalencies, expected learning outcomes and competencies and the institution’s curricula and standards as they align with those of Medaille College. The acceptance of transfer credit for a core course which is over 20 years old
will be determined by the Department Chair or appointee in consultation with appropriate department faculty. If a course is considered equivalent per the articulation agreement with the transfer institution and meets the requirements for the degree at Medaille, the course may be accepted toward the students’ degree requirements. A student must take a minimum of 30 credit hours at Medaille in order to earn a bachelor’s degree and 15 credit hours to earn an associate degree. A minimum grade of “C” must be earned in the major coursework accepted in transfer.

**PART-TIME/FULL-TIME STATUS**

Undergraduate students who carry fewer than twelve credit hours during any given semester are classified as part-time students. Full-time undergraduate students carry at least twelve credit hours per semester.

**SECOND BACHELOR’S DEGREE**

Students already possessing a baccalaureate degree from another accredited institution of higher education are eligible to apply for a second bachelor’s degree from Medaille College through the Buffalo Campus Admissions Office.

Candidates for a second bachelor’s must earn a minimum of thirty (30) course credits in residence beyond the total number of credits accumulated from their degree, and satisfy all the major requirements for a degree program different from the one completed to earn their first degree.

Medaille College will waive the common, non-program specific general education core curriculum requirements it mandates for students pursuing their first bachelor’s degree at the Buffalo Campus.

Students pursuing a second degree will be required by their academic department to complete additional arts and sciences coursework deemed essential to meeting the learning outcomes and competencies necessary for degree conferral.

Course work completed as part of the first degree program may be used to satisfy up to half of the major requirements in the second degree. Decisions are at the discretion of the appropriate Department Chair.

Second degree candidates are subject to all of Medaille College’s Buffalo Campus undergraduate academic policies and practices.
Student Services

SERVICES FOR NEW STUDENTS

Undergraduate, Traditional Day Programs
Orientation is held each year prior to the beginning of the fall semester. This two-day event is designed to assist new students and their families to successfully transition to Medaille College. Orientation provides information about academic programs, institutional resources, student support services, academic support services, co-curricular opportunities, and extra-curricular opportunities. These programs, resources, and opportunities are designed to create a holistic student experience and positive learning environment for all.

Additional areas of focus include:
- Diversity and multicultural education
- Positively contributing to the community & social responsibility
- Leadership
- Healthy behaviors
- Interpersonal relationships

Student Identification Cards
Identification cards are required for all students and can be obtained through the Public Safety Office. They must be shown to use the Computer labs, the Kevin Sullivan Campus Center, or to borrow books from the Library. ID cards are also important for admission to many student events.

ACADEMIC AND STUDENT SUPPORT SERVICES

Academic Advisement Center
The Academic Advisement Center is located in the Student Success Center. To schedule an appointment with an advisor, or speak to a member of the Center’s staff, please call: 880-2227. More information is available through the Center’s web site: http://www.medaille.edu/academics/academic-services/student-success-center/academic-advisement-center-aac.

Academic Support Center (ASC)
The Academic Support Center offers a full range of learning services. Peer and professional tutoring in a variety of disciplines are available on-site and online. Computers with Internet access, instructional software, assistive technology, study skills workshops, reference materials, and space for study sessions are all provided in the Center. More information is available here: http://www.medaille.edu/academic-programs/academic-resources/student-success/academic-support-center-asc.
Accessibility Services
The Office of Accessibility Services, located in the Student Success Center in Huber Hall, assists students with disabilities in all aspects of their College life. Students requesting services and/or accommodations should contact the Coordinator of Accessibility Services. The Office of Accessibility Services also maintains a comprehensive website with additional information, policies, forms, and resources. The website is available here: http://www.medaille.edu/academics/academic-services/student-success-center/disability-services.

TRiO Office
Medaille College’s Student Support Services (SSS) Program is a federally-funded TRiO Program that provides services to help eligible students graduate from College. SSS counselors meet with students regularly to create an Individual Graduation Plan, and provide services such as academic coaching, supplemental grant aid, textbook library, workshops, tutoring, and assistance with financial aid. Learn more here: http://www.medaille.edu/academics/student-success/trio-student-support-services-program.

ADMISSIONS OFFICE
The Admissions Offices provide potential students with pre-college counseling regarding Medaille’s academic programs and the admissions requirements for these programs.

CAMPUS CENTER
The programs and services offered through the Kevin I. Sullivan Campus Center are a vital part of the educational experience at Medaille. The Kevin I. Sullivan Campus Center program serves students, faculty, staff, alumni, and guests in developing well-rounded individuals working together to enhance the educational opportunities provided through the College. The facility serves as a focal point for College community life and a training ground for students in assuming social responsibility and leadership. The cultural, social, educational, and recreational programs are intended to make free-time activity a cooperative venture with classroom learning.

The Center houses a regulation NCAA basketball court, volleyball courts, jogging track, weight and exercise room, locker rooms, training room, food service area/multi-purpose room, College store, student lounges, student club and organization area, and a private dining room. It also houses the Office of Student Development, including the Vice President for Student Development, Student Involvement, Residence Life, and Intercollegiate Athletics.

CAREER PLANNING
The Career Planning Center provides services to all students and graduates. Career Planning’s goal is to assist the student in meeting professional goals. Career Planning provides students with the tools and resources students need to succeed. More about the Career Planning Center is available here: http://www.medaille.edu/current-students/career-planning/resources.

www.medaille.edu
Career Planning provide:

- **Consultations** – Career professionals consult with individuals on their career options, applying skills toward new industries, and providing information about new trends in a changing job market.
- **Connections** – Career professionals will assist students in making connection with employers through Mavsjobs.
- **Networking** – Career professionals help to develop networks in order to understand companies, and to make connections in the competitive job market.
- **Preparation Skills** – Career professionals help in preparing students and their documents for the job search, conducting research through utilizing the website and/or the Career Library.

The Career Planning Center provides the assistance, knowledge, and support individuals require. Whether a student is completing their first graduate degree, returning to school for a second degree, or changing their career, Career Planning recognizes individual needs and is prepared to offer the assistance each student requires to achieve their established goals.

**COLLEGE BOOKSTORE**

Textbooks, school supplies, and Medaille College clothing and souvenir items are offered for sale online through eFollett and on the Buffalo Campus.

**COMPUTING CENTERS**

There are a number of computer access centers located throughout the Buffalo Campus for general student use as well as four PC classrooms. In addition to the newly renovated PC Lab located on the second floor of Huber Hall there are Academic Computing Centers (ACC) located in the Library, Residence Halls, Student Success Center, Main Building’s fourth floor Commons, the Student Tech Lounge and the Sullivan Center’s student activity rooms and kiosk zones.

One PC Classroom is upgraded annually and the most recent equipment is the Dell OptiPlex 7040 PC with an Intel Core i5 processor, 8 GB of RAM, DVD +/-RW drive and a 22” widescreen LCD with easy-access USB ports. There are over 300 PCs available to students on the Buffalo campus.

All ACC computers run Microsoft Windows 10 Pro and are networked via fiber optic backbone accessing the Internet through a 500 Meg MPLS Ethernet Circuit. The ACC runs the Microsoft Office Professional Plus 2016 suite along with a variety of course-specific software applications and standard utility applications. Select lab machines have an attached scanner.

For enhanced presentations and visual demonstrations PC classrooms are equipped with an interactive, touch sensitive SmartBoard. Each PC classroom contains a laser printer; the PC lab contains a color LaserJet printer as well as a standard LaserJet printer.
Visit Medaille College’s [IT Support Site](http://www.medaille.edu) for more information.

**WELLNESS CENTER**

**Counseling Services**
The Student Counseling Center is housed on the second floor of the Wellness Center at 117 Humboldt Parkway and is staffed by Licensed Clinicians who provide free and confidential services to matriculated Medaille students. The office is open daily with evening hours by appointment. Counseling services are designed to help students understand themselves better, resolve problems, and come to terms with difficult issues. Individual counseling, group counseling, and wellness workshops are provided. Assistance with referrals to outside professionals is also provided when necessary. Additionally, self-help materials on a wide variety of topics are disseminated by the Student Counseling Office. Substance Abuse educational programming is also provided. This includes participation in the National Collegiate Alcohol Awareness Week. Workshops and symposia addressing alcohol and drug use and abuse are provided throughout the year. Personal counseling is available through the Student Counseling Center. Students may also be referred to meet with an addictions specialist if they are concerned about their alcohol/drug abuse/use. This referral can be arranged through the Student Counseling Center. Further information about the Student Counseling Center may be found at [http://www.medaille.edu/student-faq/wellness-center/counseling-services](http://www.medaille.edu/student-faq/wellness-center/counseling-services).

**Case Management**
In addition to Counseling, Case Management services are offered to help students safely and effectively navigate challenges and stay on the path towards academic success. The Student Advocate may help a student access on- and off-campus resources, identify and problem-solve barriers to academic and personal success, overcome obstacles in accessing help, transition back to campus after a medical leave of absence, hospitalization, or difficult life circumstance and proactively address problems/stressors to avert more serious difficulties. A student can be referred to case management services by faculty/staff, family or a fellow student when they have concerns for a student's well-being. A student may also self-refer. Referral can be made by completing the online form at: [https://medaille.forms-db.com/view.php?id=17617](https://medaille.forms-db.com/view.php?id=17617) or by calling the Student Counseling Center at (716) 880-2246 or (716) 880-2339.

**Note:** The student must be aware and agreeable to being referred to case management.

**Psychological and Cognitive Testing**
Psychological and cognitive testing is possible through collaboration with the Medaille College PsyD department and is dependent on availability. Faculty or staff may make a referral for this service. Please complete the referral form at: [https://medaille.forms-db.com/view.php?id=12539](https://medaille.forms-db.com/view.php?id=12539) or call (716) 880-2246 for more information on these services.
Substance Abuse Education
Medaille College provides educational programming related to substance abuse. This includes participation in the National Collegiate Alcohol Awareness Week. Workshops and symposiums addressing alcohol and drug use and abuse are provided throughout the year. Students may also volunteer to meet with an addictions specialist if they are concerned about their own alcohol/drug abuse. This can be arranged through the Counseling Center. More information may be found here: http://www.medaille.edu/current-students/wellness-center.

Health Services
The Health Office is located on the first floor of Wellness Center at 117 Humboldt Parkway and is staffed by a full-time Registered Nurse. The office is open daily with evening hours by appointment and there is no charge for services. In addition, the services of a physician are available for students one afternoon per week by appointment. The office coordinates health records, immunization compliance, provides for health and wellness needs, first-aid, health insurance assistance, and educational programming. Additional information may be found here: http://www.medaille.edu/current-students/wellness-center.

FINANCIAL AID OFFICE
All students are urged to visit the Financial Aid Office to learn about the types of aid available. Students should contact the Financial Aid Office should they have questions or concerns regarding Pell, TAP (Tuition Assistance Program), FSEOG (Supplemental Educational Opportunity Grant), or FCWSP (College Work-Study Program). Students may also inquire about other types of scholarships and loans available.

FOOD SERVICE
A wide selection of dining plans and healthy food options are available at the Kevin I. Sullivan Student Center. Dining operations are run by Chartwell's. Hours of operation, menus, and other information is available here: http://www.medaille.edu/campus-life/dining-services.

INFORMATION OFFICE
The Information Office can help with locating offices, instructors, misplaced items, and more. If the Information Office cannot answer questions, they will direct students to the appropriate individuals(s)/office(s). The Information Office is a combination mailroom, switchboard, and lost and found. Facsimile services are also available at a reasonable charge.

INFORMATION TECHNOLOGY (IT)
Comprehensive information regarding IT services and support for students, faculty, and staff is available here: http://it.medaille.edu. Students should familiarize themselves with IT polices, available here: http://it.medaille.edu/policies.
LIBRARIES

The Medaille College Libraries are located on the Buffalo and Rochester Campuses. The largest library is located in Huber Hall on the Buffalo Campus. The Medaille College Libraries collections contain approximately 49,000 print volumes, over 148,000 electronic books, and subscriptions to more than 220 print and electronic journals. Full-text articles are available through subscription databases which range from general to subject-specific. Medaille College is a member of Connect NY, a group of private college libraries that share collections. Students can search the Connect NY catalog and place requests for books from the libraries website. The libraries also provide interlibrary loan service, course reserves, and computers for student use. In-person reference services and online chat service are available during hours that the libraries are open. After hours, students can chat live with a reference librarian by clicking on the “Ask a Librarian” link on the library’s website. The Medaille College Libraries website is available here: http://library.medaille.edu/.

MULTICULTURAL AND COMMUNITY-BASED LEARNING

The Office of Multicultural and Community-Based Learning (MCBL) encompasses Medaille Global and Community-Based Learning (CBL). Medaille Global includes the International Student and the Study Abroad Programs. Serving a dual role on the Medaille College campus, MCBL supports the international student population and the Medaille community while engaging the greater Buffalo community at large. Located in Huber Hall 109 in a shared suite with the Office of Career Planning and the Diversity and Inclusion Office, MCBL is committed to the development of advocates for social justice and the empowering of respectful global citizens. Medaille Global coordinates international student academic coaching, programming, cultural awareness events, class presentations, and workshops. In addition, students interested in studying abroad during their time at Medaille are encouraged to stop into the office to plan early. CBL establishes partnerships with numerous local organizations where students, faculty, and staff are connected with community engagement opportunities inside and outside of the classroom.

PUBLIC SAFETY OFFICE

Medaille College’s Public Safety Office is located at 2 Agassiz Circle, the first house on the left upon entering the campus. Public Safety’s primary responsibility is to work proactively with students, faculty and staff to identify, reduce, and remove the opportunity for crime and criminal activity before it occurs. Public Safety Officers patrol campus buildings, grounds, parking lots, and facilities; control traffic and parking as necessary; and are responsible for the safety and security of the entire Medaille College community. Student identification cards and parking permits are available at this office as well as information and literature to assist in preventing crime and victimization. Anyone encountering safety or security issues, or observing criminal activity, should report it immediately to the Campus Public Safety Office at (716) 880-2911. Medaille College annually supplies an Annual Security and Fire Report, containing statistics, policies, and a description of programs that promote campus safety. A copy of this report is available online at www.medaille.edu.
available to all students and employees and may be requested by contacting Public Safety, Admissions Office, Student Development Office or Human Resources. This report is also on the Medaille College Public Safety Web Site http://www.medaille.edu/current-students/public-safety. Or the web site of the U.S. Department of Education. The Advisory Committee on Campus Safety will provide, upon request, all campus crime statistics as reported to the United States Department of Education.

REGISTRAR’S OFFICE

The Registrar’s Office maintains the academic records of all students, faculty, and alumni. Students should contact the Registrar’s Office should they need to drop/add a course, withdraw from a course, register for a pass/fail, file a change of major and/or degree status, inquire about graduation status, or have transcripts evaluated in preparation for admission to a specific program. The Registrar’s Office also can inform students of their advisor and when registration periods will occur.

RESIDENCE LIFE

The Residence Life program promotes a living and learning environment that balances personal and academic growth with student development and community well-being. Medaille's small campus provides the perfect atmosphere for students interested in becoming a resident student. Since the fall of 2001, Medaille has built two residence halls that can accommodate a total of 390 students living on campus. Both residence halls offer wireless internet, cable-television and a host of additional amenities.

The South Residence Hall
The South Residence Hall offers double occupancy rooms, with private bathrooms, laundry facilities and computer stations per floor. Attractive lounges, overlooking the campus quad and Main Building, offer a convenient place of study, programming and conversation.

The North Residence Hall
The North Residence Hall offers spacious apartments for the upper class resident students and comfortable suites for entering freshman and current resident students. Both facilities offer a card-access security feature.

Residence Requirement
Effective fall 2012, the following residency policy is in effect: Freshman and sophomore students who do not reside with their parents or legal guardians are required to live in College owned housing. Students over 21, married, veteran and/or have a dependent(s) may request an off-campus housing exemption through Residence Life and Student Conduct. Additional information on Medaille’s Residence Life program may be found here: http://www.medaille.edu/current-students/living-medaille.
STUDENT ACCOUNTS OFFICE

Student Accounts maintains student billing records and assists students in the maintenance of their accounts. The office is responsible for billing tuition, fees, room and board and the posting of financial aid and loans. Student Accounts also reviews a student account and begins the process of refunding any payment in excess of the tuition, fees and room and board, if applicable. Refunds are not processed until an account hits a credit balance. Any questions or concerns regarding billing or a student account should be directed to the Student Accounts staff.

STUDENT SUCCESS CENTER

The Student Success Center, located in Huber Hall, provides a network of student support services, including the Academic Advisement Center, the Academic Support Center, Career Planning, and Accessibility Services. The Center is also home to the TRiO/Student Support Services program and the Office of Multicultural and Community-Based Learning.

The Student Success Center purposefully integrates student services with the academic mission of the College in order to promote student success and persistence to graduation, the ultimate measure of student success. Through its network of services and consistent communication with other campus educators, the Center helps to empower students to achieve their academic and career goals. The Center also includes two new learning labs, a student technology lounge, four state-of-the-art classrooms, and a faculty/staff technology-training room.


Campus Life

STUDENT INVOLVEMENT

Campus activities are a valuable part of a student’s collegiate experience. Involvement outside the classroom complements a student’s work inside the classroom by providing opportunities to pursue interests, improve interpersonal communication, and develop leadership, time management, and problem-solving skills. Participation in co-curricular activities increases a student’s marketability upon graduation. The Student Involvement staff coordinates New Student Orientation, oversees all student clubs and organizations on campus, and implements unique programs and leadership opportunities throughout the academic year. Student Involvement staff can be found inside the Student Development Office, CC201 in the Kevin I. Sullivan Center, and also in Huber Hall 109 in the Career Planning suite. More information about the programs, services, and activities offered through Student Involvement may be found here: [http://www.medaille.edu/student-life](http://www.medaille.edu/student-life).
Clubs and Organizations
Student Involvement oversees approximately 25 active student organizations. These range from cultural organizations, to club sports, to academically-affiliated clubs, to clubs focused on providing fun programming and recreation to undergraduate students. Each club has a faculty or staff member as an advisor and budgets are allocated by the Student Government Association each year. Student Involvement encourages the formation of new clubs, and any student who wants to create a club needs just six other students to get started. Undergraduate students are free to join any club, regardless of major, and students can sign up for clubs during the Campus and Community Involvement Fair which occurs every year during Weeks of Welcome in September. To learn more about current undergraduate student organizations, visit the website: http://www.medaille.edu/student-life or contact the Student Involvement Center at 716-880-2218.

Intramurals and Recreation
Medaille College offers several club sports, such as Alliance Dance Team, Mavericks Cheerleading, and Track & Field Club. The Sport Management Assist Team (SMAT Club) also offers intramurals throughout the year, often flag football and dodgeball tournaments. For more information, contact the Student Involvement Center at 716-880-2218 or visit the Student Life page at http://www.medaille.edu/student-life.

NCAA Athletic Program
Medaille College sponsors a Division III Athletic Program through the National Collegiate Athletic Association (NCAA) and is a member of the Allegheny Mountain Collegiate Conference (AMCC) and the North Eastern Athletic Conference (NEAC). Visit the Medaille Mavericks Athletics page for more information.

ALUMNI ASSOCIATION
The Medaille College Alumni Association nurtures lifelong relationships connecting alumni to the College and to each other, provides valued services and benefits to members, and encourages support of the College to ensure its long-term success. Alumni Association activities are carried out through a variety of programs, activities, and services involving alumni, students, friends, and supporters. Information on Medaille’s Alumni Association is available here at http://www.medaille.edu/alumni.

CAMPUS CRIME PREVENTION AND SECURITY PROGRAM
Medaille College’s Campus Public Safety and Student Development staff works together with the Advisory Committee on Campus Safety to facilitate a proactive approach to crime prevention, security, and safety on campus. Students are informed about security issues during Orientation. In addition, a variety of educational programs are offered to heighten awareness of public safety. Topics such as sexual assault, self-defense, bias related crime, and crime prevention/safety awareness are discussed by facilitators from both the campus and the community-at-large. Medaille College’s Annual Security and Fire Reports for the Buffalo and
STUDENT CONDUCT

The Vice President for Student Development, or other designated administrative staff, ensures that College regulations are enforced. A description of student conduct policies and procedures are available on the College web site here: http://www.medaille.edu/about-medaille/policy-handbooks.

Major Program of Study

CHOOSING AN ACADEMIC MAJOR

When choosing a major program of study, Medaille College encourages students to consider their interests, abilities, work and/or volunteer experiences. Students are encouraged to discuss their educational and career goals with their Academic Advisor, as well as Medaille College support staff, faculty, and administrators. Medaille College is committed to assisting students determine a suitable major program of study for all enrolled at the institution. Students should read the Undergraduate Catalog’s description of each program and its required courses.
HEGIS Codes

**Note: Enrollment in other than registered or otherwise approved programs by the State Education Department may jeopardize eligibility for certain student aid awards.**

### Bachelor of Science/Master of Science (B.S. /M.S.)
- Accounting: 0502.00

### Bachelor of Business Administration Degrees (B.B.A.)
- Business Administration: 0506.00
- Information Systems: 0506.00

### Bachelor of Professional Studies (B.P.S.)
- Health Information Management: 1215.00

### Bachelor of Science Degrees (B.S.)
- Biology: 0401.00
- Business Administration: 0506.00
- Business Administration: Overseas International Student Transfer Program: 0506.00
- Business Administration-Management Information Systems: 0506.00
- Communication: 0605.00
- Criminal Justice: 2105.00
- General Studies: 4901.00
- Government Service: 2207.00
- Homeland Security: 2105.00
- Liberal Studies: 4901.00
- Liberal Studies: Overseas International Student Transfer Program: 4901.00
- Management: 0506.00
- Mathematics: 1701.00
- Mathematics: Overseas International Students Transfer Program: 1701.00
- Sport Communications: 0601.00
- Sport Management: 0599.00
- Veterinary Technology: 0104.00

### Bachelor of Science in Education Degrees (B.S.Ed.)
- Adolescent Teaching: Biology, Students with Disabilities Ext & Generalist 7-12: 0808.00
- Adolescent Teaching: English, Students with Disabilities Ext & Generalist 7-12: 0808.00
- Adolescent Teaching: Mathematics, Students with Disabilities Ext & Generalist 7-12: 0808.00
- Adolescent Teaching: Social Studies, Students with Disabilities & Generalist 7-12: 0808.00
- Education: Early Childhood (Birth-2)/Childhood (1-6): 0802.00

### Bachelor of Arts Degrees (B.A.)
- English: 1501.00
- English: Oversees International Student Transfer Program: 1501.00
- International Studies: 2210.00
- Psychology: 2001.00
### Associate in Science Degrees (A.S.)

<table>
<thead>
<tr>
<th>Program</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business</td>
<td>5001.00</td>
</tr>
<tr>
<td>General Studies</td>
<td>5649.00</td>
</tr>
<tr>
<td>Government Service</td>
<td>5508.00</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td>5649.00</td>
</tr>
<tr>
<td>Veterinary Technology</td>
<td>5402.00</td>
</tr>
</tbody>
</table>

### Associate in Applied Science (A.A.S)

<table>
<thead>
<tr>
<th>Program</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Veterinary Technology</td>
<td>5402.00</td>
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### Certificates

<table>
<thead>
<tr>
<th>Certificate</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol and Substance Abuse Counseling</td>
<td>5506.00</td>
</tr>
<tr>
<td>Computer Crimes Investigation</td>
<td>5505.00</td>
</tr>
<tr>
<td>Cyber Crime Investigation</td>
<td>2105.00</td>
</tr>
<tr>
<td>E-Business Management</td>
<td>5004.00</td>
</tr>
<tr>
<td>Financial Planning</td>
<td>5003.00</td>
</tr>
<tr>
<td>Human Resources</td>
<td>5608.00</td>
</tr>
<tr>
<td>Interactive Multimedia</td>
<td>5008.00</td>
</tr>
<tr>
<td>Management of Nonprofit Organizations</td>
<td>5004.00</td>
</tr>
<tr>
<td>Public Relations</td>
<td>5008.00</td>
</tr>
</tbody>
</table>

### ACADEMIC MINORS

Academic minors are available to students pursuing a baccalaureate degree. Each minor consists of 15-25 credit hours of coursework. At least six hours in a minor must be completed at the College. Students may not select a minor from the same discipline as their major program. Students wishing to declare a minor must do so by the beginning of their junior year (completion of 60 credit hours). Students transferring in more than 60 credit hours must declare a minor by the end of their first semester at Medaille. Students are permitted to take a maximum of two minors. A listing of Academic Minors can be found in the Academic Minors section of the Academic Catalog.

### CONCENTRATIONS

Concentrations are available in certain baccalaureate degree programs. Each concentration consists of a minimum of 12 credits of coursework. Students are required to declare a concentration by the time they have earned 60 credit hours and are considered to have junior standing. Students transferring in more than 60 credit hours must declare a concentration by the end of their first semester at Medaille College. Students are allowed a maximum of one concentration and/or two minors.
UNDECLARED PROGRAM

Students are required to declare a major by the time they have successfully completed 48 credit hours, however, they may declare a major program of study sooner. Remaining undeclared allows students the opportunity to take courses in various majors, take advantage of interest inventories and additional career resources available from Academic Advisors, career counselors, and other faculty and staff at the College in order to determine their major.

MATRICULATION TOWARD THE ASSOCIATE DEGREE AND THE BACcalaUREATE DEGREE

Students may matriculate for either an associate or baccalaureate degree. Those who initially matriculate for an associate degree and successfully complete the requirements are entitled to apply for matriculation to a baccalaureate program. Those who initially matriculate for a baccalaureate degree may apply for an associate degree by completing a Change of Status form.

A Change of Status form must be approved prior to the completion of 45 credit hours, and, if applicable, the student may be required to meet the pertinent program’s cumulative grade point average. The student’s advisor must sign the Change of Status Form and enter on it the number of credits earned by the student as well as the student’s GPA. The signature of the Department Chair is required.

General Academic Information

DAY CLASSES

Operating on a fall and spring semester, Buffalo Campus day classes normally run Monday through Friday from 8:00 a.m. to 6:00 p.m. However, on occasion, day students may be required to take a day program course offered in the evening after 6:00 p.m. Typically, day classes are scheduled either on a Monday, Wednesday, and Friday or a Tuesday and Thursday basis.

Most students take five courses and 15-16 credits per semester. Those who wish to be full-time students must register for a minimum of 12 credits per semester. Students are limited to 18 credits per semester, unless granted a waiver by the appropriate College official.

UNIT OF ACADEMIC CREDIT

Medaille College adheres to NYSED’s definition of a semester hour in order to determine instructional time for all courses, regardless of delivery format.

Medaille College has established the following definition for an academic unit of credit, or credit hour assignment: one credit represents the equivalent of one hour of lecture or recitation or at least two hours of laboratory work each week and at least 30 hours of supplementary assignments for one semester term or its equivalent.

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TIME-ON-TASK FOR ONLINE COURSES

In order to ensure adequate time-on-task for online courses, students are expected to complete a minimum time-on-task for learning activities. Please refer to list below for minimal time-on-task requirements:

<table>
<thead>
<tr>
<th>Course credit (7 weeks)</th>
<th>Total time-on task for course:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>45 hours</td>
</tr>
<tr>
<td>2</td>
<td>90 hours</td>
</tr>
<tr>
<td>3</td>
<td>135 hours</td>
</tr>
<tr>
<td>4</td>
<td>182 hours</td>
</tr>
</tbody>
</table>

STUDENT CLASSIFICATION

A matriculated student is one following a prescribed program of study. A non-degree or non-matriculated student is one taking classes but not applying for a degree or certificate. A student must matriculate after completing 15 credit hours.

CLASS LOAD

The normal class load of a full-time undergraduate student each semester is 12-18 hours. A student must meet the criteria listed below to carry more than 18 credit hours during one semester. A student is not allowed to carry more than 21 credits in any one semester. All students will be charged additional tuition for those semester hours over 18 during one semester.

The overload policy is as follows:
- Freshmen: no overload permitted
- Sophomores: no overload permitted
- Juniors and Seniors: must have GPA of 3.0 or higher

Before a student is permitted to register online for an overload, the student’s Academic Advisor must first certify in writing to the Registrar’s Office and the Vice President for Academic Affairs that he/she meets the following overload criteria: (1) junior or senior standing and (2) GPA of 3.0 or higher.
CLASS STANDING

Class standing is determined by the number of semester hours a student has completed in his/her program of study. For sophomore standing, a student must have a minimum of 30 semester hours of accumulated credits; for junior standing, a minimum of 60 hours; for senior standing, a minimum of 90 hours. The student should consult the Registrar concerning any questions pertaining to class standing.

COURSE NUMBERING

Course numbers indicate the following:
- 100-299 undergraduate, lower level courses, primarily for freshmen and sophomores
- 300-499 undergraduate, upper level courses, primarily for juniors and seniors
- 500-599 graduate, primarily foundation courses
- 600-900 graduate, advanced courses

GRADUATE PLACEMENT

Higher Education Opportunity Act: Federal Disclosure/Reporting Requirement:
Information on graduate employment and further education rates are available from the Office of Institutional Research and Planning.

GENERAL REQUIREMENTS FOR COLLEGE DEGREES

Graduation from the College with the award of the appropriate degree will be granted only upon fulfillment of the following general requirements:
- The student must complete all prescribed courses in a specific program and sufficient elective credits to make up the minimum total required credit hours with a cumulative grade point average of at least 2.0. A minimum 2.0 grade point average is also required of students in their major (core and elective courses). Any student pursuing a Bachelor of Science in Education degree must attain a minimum 2.0 cumulative grade point average for graduation.
- The student must earn his/her final 30 credits at Medaille College if enrolled in a bachelor’s degree program and his/her final 15 credits at Medaille College if enrolled in an associate’s degree program.
- All College property on loan to the student must be returned in satisfactory condition to the College and all financial obligations to the College must be met prior to degree conferral, and the release of diplomas and/or transcripts.
- All students are required to submit an application for graduation regardless of intention to attend or not attend the Commencement Ceremony.
- Any person who wishes to participate in the annual Commencement Ceremony, held in May, must complete all academic requirements for graduation in order to participate.

www.medaille.edu

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following exceptions apply: those students in the process of completing requirements in the semester during which Commencement takes place and those students lacking one to six credit hours who, prior to the ceremony, register to take those outstanding credits during the summer session of their graduation year.

**DUAL MAJOR**

The following are guidelines for dual major status:

- All requirements for both majors must be fulfilled to qualify for dual major status.
- A dual major generally occurs when the student pursues a second program leading to one degree.
- A Liberal Studies or General Studies degree may not be part of a dual major.

**DUAL DEGREE**

The following are guidelines for dual degree status:

- Dual degree status is distinguished by the pursuance of two separate and unrelated fields of study in which two degrees are awarded during the same year upon successful completion of each program.
- A student seeking a second baccalaureate degree must complete an additional minimum of thirty (30) Medaille credit hours of study beyond the work taken for the initial baccalaureate degree.
- A student seeking a second associate degree must complete an additional minimum of fifteen (15) Medaille credit hours of study beyond the work taken for the initial associate degree.
- A Liberal Studies or General Studies degree may not be part of a dual degree.

In all cases, all academic course requirements for both degree programs must be satisfied to qualify for dual degree award.

**COURSE OR POLICY WAIVER**

Deviation from a prescribed policy will be permitted only under extraordinary circumstances. An Academic Policy Waiver must be approved by the student’s Academic Advisor (where appropriate), Department Chair, the Registrar, and the Vice President for Academic Affairs. If the waiver is approved, the student will receive a copy of the completed Academic Policy Waiver form. No policy waiver will be granted retroactively.

**ACADEMIC ALTERNATIVE CREDIT**

Medaille College recognizes that adult students may possess knowledge and experiences distinguishing them from the traditional college student. Therefore, Medaille College offers adult students the opportunity to obtain credit for this knowledge and those experiences through Academic Alternatives.

[www.medaille.edu](http://www.medaille.edu)
**Note: Academic Alternatives are restricted to enrolled Medaille students in undergraduate programs.**

The Academic Alternative process deals solely with college-level knowledge obtained outside the accredited college classroom. This includes, for example: formal learning gained through successful completion of coursework sponsored by business, military, and government institutions; it also may include, for example, knowledge obtained through career experiences, business expertise, and volunteer work.

The most essential thing to keep in mind about Academic Alternatives is that credit is not awarded for experience (no matter how sophisticated) but for the student’s ability to demonstrate that these experiences, knowledge, and/or skills are comparable to what is required within Medaille College’s degree programs and courses.

Any new students interested in academic alternatives should first meet with Medaille College Admissions to begin the process of applying to the College.

Credits earned through academic alternatives are posted on the transcript as a separate designation during the semester in which the credit is awarded. There is an indication of which alternative was pursued. For new and currently enrolled students, the total number of credits earned through any combination of academic alternatives cannot exceed 60 for the baccalaureate degree or 30 for the associate degree. All students working toward the bachelor’s degree must earn the last 30 credits in coursework at Medaille College; for the associate degree, the last 15 credits.

**Prior Learning Assessment (PLA)**

Students have the opportunity to work with the Academic Alternatives Advisor to prepare a portfolio which demonstrates college-level knowledge/skills that have been acquired through career and life experiences. The portfolio is directed at addressing objectives for a particular course(s) at Medaille College. Students must discuss policies, procedures, and possible courses for a PLA with the Academic Alternatives Advisor. Satisfactory/Unsatisfactory grades are issued for a PLA. Fee: $100 non-refundable, non-transferable application fee for each course; $75 for each credit earned.

**Note: A person who applies for PLA credit must first be admitted to and currently registered at the College, either part-time or full-time, before his/her application will be processed.**

**Challenge Exams**

Students who think they have the knowledge base for a particular course may be able to take a challenge exam instead of enrolling in the course. Contact the Academic Alternatives Advisor to see which courses are available for challenge exams. This is the only Academic Alternative given residential credit; Satisfactory/Unsatisfactory grades are issued for challenge exams. Fee:
$100 for each exam; non-refundable, non-transferable. Exams must be taken within one year of the date of the official letter from the Office of Academic Affairs.

**DSST**
Medaille College offers DSST exams administered on campus. Students do not need to be enrolled at Medaille College. The DSST offers approximately 38 examinations in subject areas that include physical science, applied technology, math, business, humanities, and social sciences; all are in a multiple choice format (the speech includes an audio recording). Additional information and fact sheets are available at: [https://getcollegecredit.com/](https://getcollegecredit.com/). Fee: $145 for each exam, non-refundable. In the event that an exam has to be rescheduled, there will be a $10 fee for each rescheduling.

The following academic alternatives are options taken at other institutions and are eligible for possible transfer credit at Medaille College.

**OTHER ACADEMIC ALTERNATIVES**

**ACE (American Council on Education) Military Program**
There are formal courses offered through the armed services that may be eligible for College transfer credit. A DD214 form should be submitted during the Admissions process; evaluation is conducted by the Medaille College’s Registrar’s Office. Additional information is available at [http://www.acenet.edu](http://www.acenet.edu) (search for “Military Programs”).

**ACE CCRS (American Council on Education College Credit Recommendation Service)**
This service provides access to academic credit for formal courses taken through corporations, volunteer associations, and other non-collegiate organizations. Additional information is available at [www.acenet.edu](http://www.acenet.edu) (select “Higher Education Topics”).

**AP (Advanced Placement) Exams**
High school students may take College-level courses through their high schools. Minimum passing score is 3. A formal examination at the completion of the course is required with scoring processed through the College Board. Additional information is available here: [www.collegeboard.com/student/testing/ap/about.html](http://www.collegeboard.com/student/testing/ap/about.html)

**CLEP (College Level Examination Program)**
Offered through CLEP are a series of general and specific exams, administered via the computer, that measure achievement primarily in the first two years of college. Minimum passing score is 50. There are five general areas for exams: Composition and Literature, Science and Mathematics, Foreign Language, History and Social Sciences, and Business. Most tests are multiple-choice and have a 90 minute time limit. Additional information and locations for exams is available at: [http://clep.collegeboard.org](http://clep.collegeboard.org). Fee: $80 for each exam and a $25 college administrative fee determined by the institution. Please see website for specific payment instructions.
Excelsior College Examinations
There are approximately 51 Excelsior College Exams in the arts and sciences, business, nursing, and education. Exams are computer delivered and taken at Pearson VUE Testing Centers. Additional information, exam guides, deadlines, and registration procedures are available here: http://www.excelsior.edu/.

Cross-Registration
Medaille College belongs to the Western New York Consortium of Higher Education, which permits full-time students to register for individual courses in any of the participant colleges or universities. A student may only cross-register for one course per semester. Cross-registration is valid only during the fall and spring semesters. There is no additional tuition for courses taken through the Consortium, provided the student’s total class load does not exceed 18 hours, at least 12 of which are being taken at Medaille. Students are responsible for the cost of books and any associated college fees. Forms for cross-registration are obtained from the Registrar’s Office.

INDEPENDENT/DIRECTED STUDY

Independent Study
Independent Study is the student’s self-directed pursuit of academic competence in an autonomous manner which requires a rigorous search into a specified body of knowledge in which the course content, learning activities, and evaluative criteria are developed by the student in collaboration with the faculty mentor. It is a demonstration which provides evidence of capability in self-directed learning. Independent Study is limited to four courses per baccalaureate degree, and normally no more than one may be undertaken at a time. Also, freshmen and sophomores normally will not be allowed to take an Independent Study. Generally, applications will be approved for students who have GPAs above 2.7 and who have demonstrated the ability to pursue a topic in an academically rigorous manner. The faculty and College do not guarantee that this is available during any particular semester. Students may not take an Independent Study to replace a course in which a failing grade was earned.

Directed Study
Directed Study is individualized instruction identical in regard to the title, course objectives, course content, and evaluative criteria of the course. Directed Study is generally limited to two courses per baccalaureate degree and is usually implemented to fulfill a graduation requirement. Application approval will usually be granted to seniors for courses required for graduation provided that the course(s) is not otherwise available to the student. GPAs of 2.0 are required of undergraduate students who wish to undertake Directed Study. Students may not take a Directed Study to replace a course in which a failing grade was earned. Graduate students may not take a Directed Study to replace a course in which a failing grade was earned unless they obtain a waiver signed by the Program Director for their program and the appropriate Department Chair. Before completing an application, a student should discuss the matter with the appropriate instructor, and in the case of graduate programs, with the Program Director. The instructor should be aware of what the student intends to accomplish and be willing to direct the study. The
student and the instructor must agree on the time that will be devoted to supervision and the manner in which the instructor will evaluate the study.

**RESERVE OFFICERS’ TRAINING CORPS (ROTC)**

Medaille College has a special cross-enrollment, tuition-free arrangement with Canisius College for students desiring leadership education through the Reserve Officers’ Training Corps (ROTC) Program. For more details, as well as scholarship and other financial assistance information on this program, please see [http://www.medaille.edu/admissions/veterans-military](http://www.medaille.edu/admissions/veterans-military).

**SERVICE MEMBER’S OPPORTUNITY COLLEGE (SOC)**

Medaille College has been identified as a Service members' Opportunity College (SOC) providing educational assistance to active duty service members. An SOC institution offers the following benefits for service members:

- Use of admissions procedures which ensure access to higher education for academically qualified military personnel;
- Evaluation of learning gained through military experiences and academic credit awarded where applicable to the service member’s program of study;
- Evaluation of non-traditional learning and awarding of academic credit for such learning where applicable to the service member’s program of study;
- Evaluation of request for inter-institutional transfer of credits and acceptance of such credits whenever they are appropriate to the service member’s program and are consistent with the College’s curriculum;
- Flexibility to service members in satisfying residence requirements by making adjustments for military students who transfer when there are other assurances of program balance;
- Designation of personnel with appropriate academic qualifications and experience to administer and supervise SOC-related activities and to develop policies and procedures appropriate to the scope of their voluntary education programs; and
- Educational services for veterans.

**FIELD EXPERIENCE**

Experience-based, hands-on learning is essential to students’ overall education at Medaille College, both inside and outside the classroom. The College’s curriculum stresses the importance of students gaining work experience and engaging in applied, out-of-class learning related to their major program of study. Consequently, most academic majors offer one or several required field experiences. Through field experiences students earn academic credit, apply classroom theory to life experience, enrich their career-related skills, and network in the profession and community in ways that enhance opportunities for future employment. Field experiences may occur in Buffalo, Western New York, or anywhere in the nation or the world. For more information and a complete description of each program’s field experience requirements, students should contact the appropriate Department Chair.

[www.medaille.edu](http://www.medaille.edu)
Field Experience Minimum GPA Requirement
A College minimum of a 2.0 cumulative grade point average is required for any student seeking entry into field experiences. Individual programs may establish their own minimum cumulative grade point requirements with the College minimum as a base.

INTERNSHIPS

Please refer to Medaille College’s internship web site, available here: https://www.medaille.edu/internships. This site provides extensive resources for students completing their internship experiences.

GRADING SYSTEM

Undergraduate, Traditional Day Programs

<table>
<thead>
<tr>
<th>Description</th>
<th>Letter Grade</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excellent</td>
<td>A</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>A–</td>
<td>3.7</td>
</tr>
<tr>
<td>High Achievement</td>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>B–</td>
<td>2.7</td>
</tr>
<tr>
<td>Average Achievement</td>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>Below Average (passing)</td>
<td>C–</td>
<td>1.7</td>
</tr>
<tr>
<td></td>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>1</td>
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<tr>
<td></td>
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<tr>
<td>Failure</td>
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<td>Withdrawal</td>
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<td>Incomplete</td>
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<tr>
<td>Pass/Fail</td>
<td>P/F</td>
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<td>Satisfactory/Unsatisfactory</td>
<td>S/U</td>
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<tr>
<td>Audit</td>
<td>AU</td>
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<tr>
<td>Credit Pending</td>
<td>CP</td>
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</table>

**Note: Approved by the Undergraduate Academic Standards Committee on January 8, 2009.**
Adult/Online Undergraduate Programs

<table>
<thead>
<tr>
<th>Description</th>
<th>Letter Grade</th>
<th>Quality Equivalents</th>
</tr>
</thead>
<tbody>
<tr>
<td>High distinction, exceptionally high achievement</td>
<td>A</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>A–</td>
<td>3.7</td>
</tr>
<tr>
<td></td>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>High Achievement</td>
<td>B</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>B–</td>
<td>2.7</td>
</tr>
<tr>
<td></td>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>Average Achievement</td>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>C–</td>
<td>1.7</td>
</tr>
<tr>
<td></td>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>Pass, below average achievement</td>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>D–</td>
<td>0.7</td>
</tr>
<tr>
<td>Failure, unsatisfactory grade</td>
<td>F</td>
<td>0</td>
</tr>
<tr>
<td>Withdrawal</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Incomplete</td>
<td>I</td>
<td></td>
</tr>
</tbody>
</table>

Performance-based Letter Grade Descriptions:
A = Student’s performance is excellent. Has unusually sharp insight into material and initiates thoughtful questions. Sees many sides of an issue. Articulates well and writes logically and clearly. Integrates ideas previously learned from this and other disciplines and anticipates next steps in progression of ideas.

B = Student grasps subject matter at a level considered to be very good. Is an active listener and participant in class discussion. Speaks and writes well. Accomplishes more than the minimum requirements.

C = Student demonstrates a satisfactory comprehension of the subject matter. Accomplishes only the minimum requirements and displays little or no initiative. Communicates orally and in writing at an acceptable level for a college student. Has a generally acceptable understanding of all basic concepts.

D = The quality and quantity of the student’s work in and out of class is below average and barely acceptable.

F = The quality and quantity of the student’s work in and out of class is unacceptable.
(GPA) GRADE POINT AVERAGE

Grades received earn quality points as indicated on the preceding table. A grade point average is computed by dividing the number of quality points earned by the total number of credit hours for which a student is registered. Grade point averages may be computed for one semester’s courses or on a cumulative basis. To compute a semester grade point average, multiply the number of quality points earned for the grade (see preceding table) by the number of credits awarded for the course; add the quality points and divide by the number of quality credits for the semester.

CUMULATIVE AVERAGE

The cumulative average is computed for all of the courses a student has taken at Medaille College. It changes whenever a new semester’s grades are calculated and is a reflection of how a student is doing in all of his/her work. In cases of repeated courses, only the last grade earned is utilized in the cumulative GPA calculations.

(P/F) PASS/FAIL

Traditional Day Undergraduate
Medaille College offers the P/F grade primarily as an encouragement for students to take more challenging courses than they might without endangering their grade point average. Students earn credits, but not quality points, for courses in which they earn a Pass (P) grade. A grade of Fail (F) is punitive and is factored into the quality point average.

Students may take a limited number of courses on a P/F basis. Although there is no limit to the number of courses to be taken P/F during a single semester, no more than ten percent (10%) of the total degree or certificate program may be taken P/F. Students may not take General Education Core courses P/F. Students must consult their department office for a list of acceptable courses within their program.

P/F grades are student initiated. Pass/Fail forms are available in the Registrar’s Office. Arrangements must be made within the deadline prescribed. Students requesting to take a course on a P/F basis must sign and return the form to the Registrar’s Office. Arrangements to take a course on such a basis are final.

Since colleges differ on acceptance of P/F grades, students interested in advanced study at other institutions should investigate the acceptance of such grades by specific graduate schools.

Online Students
The P/F grade is offered as an option for students in the undergraduate program who are taking courses outside their program sequence (in order to meet degree requirements) and who wish to take more challenging courses without endangering their grade point average. Students earn credits, but not quality points, for courses in which they earn a “P” grade. A grade of “F” is punitive and is factored into the quality point average.

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Students may take a limited number of courses on a P/F basis. No more than ten percent (10%) of the total degree or certification program may be taken P/F. Students must consult with Student Services to determine whether the course is acceptable within their program. Required classes and general education courses are not eligible for P/F.

P/F grades are student-initiated. Pass/Fail forms are available from Student Services. Arrangements must be made within the deadline prescribed. Students requesting to take a course on a P/F basis must sign and return the form to Student Services. Arrangements to take a course on such a basis are final. Requests for P/F courses must be submitted on or before the 4th night of class.

Since colleges differ on acceptance of P/F grades, students interested in advanced study at other institutions should investigate the acceptance of such grades by specific graduate schools.

**(S/U) SATISFACTORY/UNSATISFACTORY**

Due to their nature, certain courses are offered only with grades of S/U. These grades are instructor or department initiated; courses taught on this basis are not included in the limit for classes taken Pass/Fail (P/F).

**(I) INCOMPLETE**

**Policy for Traditional, Undergraduate Day Programs**

An Incomplete (I) grade is given only for a good and sufficient reason as determined by the instructor. It is completed in a manner determined by mutual agreement of student and instructor as indicated on the Incomplete Grade form, which must be signed by both student and instructor. An Incomplete Grade form must be obtained by the instructor in the Registrar’s Office. It is the responsibility of the student to complete the requirements of the Incomplete by the date stated on the form, which is not to exceed the termination of the semester immediately following the initiation of the Incomplete. The student assumes the risk of not being able to complete the study if a faculty member is no longer at the College. All information must be complete when the form is submitted to the Registrar’s Office. If any part of the Incomplete Grade form is left unanswered, the form will be sent back to the instructor and no grade will be issued until the form is correctly filed. If no change of grade is submitted by instructor, an Incomplete (I) grade will change to an “F” at the end of the semester following the semester in which the Incomplete (I) was issued. Exceptions will be made to this rule only prior to the stated deadline and under compelling circumstances with the approval of the Vice President for Academic Affairs. Any student receiving an Incomplete (I) grade will not be considered for Dean’s List or Merit List status during the semester in which the Incomplete was issued.
(W) COURSE WITHDRAWAL

While it is impossible to assess ALL consequences of a course withdrawal, please consider the following questions to ensure this is the best action to take.

- Is this a course withdrawal and not a College withdrawal? There is a difference between withdrawing from a course and withdrawing from the college.
- Has the deadline to withdraw from courses passed?
- Has there been a consultation with the Academic Advisor?
- Has there been a consultation with Financial Aid?
- Has there been a consultation with Student Accounts?

A Course Withdrawal form is initiated with the Advisement office. If a student withdraws from a course prior to the withdrawal deadline (see the current Academic Calendar), a grade of ‘W’ is issued for the class.

Attempted course withdrawals after the deadline will not be processed and a grade will be issued for classwork completed at that time. A course withdrawal may increase the amount of time needed to complete a student’s program. Students on probation must have approval from their academic advisor to withdraw from a course.

Dropping below 9 credit hours will affect financial aid. In addition, lack of academic progress may also affect future aid. Always consult with the Financial Aid Office when considering a course withdrawal.

Students are liable for all tuition and fees attached to each course, depending upon last date of attendance, in accordance with the Liability Schedule.

Students who complete a program sequence have one year in which to finish any outstanding credits needed to earn their degree. Students who fail to do so may be subject to new program requirements that have been instituted since the date of their completion.

Medaille College supports the unique needs of military personnel who are called to active duty during their enrollment at Medaille. For more information on withdrawal procedures for active duty military personnel, contact the Admissions Office.

**Note: Discontinuance of attendance in one or all classes does not constitute an official withdrawal. A student who does not follow the proper procedure and/or stops attending class (an unofficial withdrawal) will receive from the instructor the grade earned according to the student’s performance. The failure of a student to notify the director in writing of withdrawal may delay the refund of tuition due pursuant to the Section 5002 of the Education Law.**

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(CP) CREDIT PENDING

It is the policy of Medaille College that Credits Pending (CP) grades are issued for field experience, student teaching, thesis guidance, or internship courses only. Credit Pending grades will not be issued for any other course. All credit pending grades must be changed within thirty (30) days of the date of the original grade submission, or a Failure (F) or Unsatisfactory (U) grade will be administratively issued.

Graduation Honors

The cumulative grade point average determines graduation honors. A student must have 48 credits in residence for baccalaureate degree graduation honors and 24 credits in residence for associate degree graduation honors. If a student has a cumulative GPA for all coursework of 3.5, the student is eligible for Cum Laude; an average of 3.7, Magna Cum Laude; an average of 3.9, Summa Cum Laude. Students who qualify for honors at the end of the fall semester preceding Commencement will have these honors announced during the graduation ceremony.

(AU) AUDIT

A student desiring to audit a course must receive the approval of the appropriate instructor and complete the normal registration process. Only officially audited classes will appear on the transcript. Students who audit are expected to attend classes but their work is not subject to review by the instructor and they will receive no grade at the completion of the class. Medaille College alumni may audit a course for $100 per course. New and/or current students may audit a course for $350 per credit hour.

Repeating a Course Policy

In cases of repeated courses, only the last grade earned, whether higher or lower, is used in calculating the grade point average. All grades earned for courses taken at Medaille, however, remain a part of the student's permanent record.

Students should take note that unless the repeated class is required by the College, New York State will not allow the credit hours for the course to be counted in determining the minimum course load required for financial aid purposes.

Students may not take a Directed Study, Independent Study, Challenge Exam, or have a course transferred from another college to replace a course in which a failing grade was earned at Medaille College.

If "W" grade is received for a second attempt, the grade received for the first attempt remains.
Academic Honors

At the end of each semester, the College announces the names of the full-time students who are recorded on the Dean’s List. Students who take a minimum of 12 credit hours and who earn a grade point average of 3.5 or higher for all credit hours carried during that semester are placed on the Dean’s List. Pass (“P”) and Satisfactory (“S”) grades are not included in the minimum 12 credit hours required for Dean’s List qualification. Any student receiving an Incomplete (“I”) grade will not be considered for Dean’s List status during the semester in which the Incomplete was issued. A student who attains Dean’s List status for four semesters is eligible for the Medaille Medal, which is awarded at the College’s annual Honors Convocation.

At the end of each semester, the College announces the names of the part-time students who are recorded on the Merit List. Students who take a minimum of 6 but no more than 11 credit hours, and who earn a grade point average of 3.5 or higher for all credit hours carried during that semester, are placed on the Merit List. Pass (“P”) and Satisfactory (“S”) grades are not included in the minimum 6 credit hours required for Merit List qualification. Any student receiving an Incomplete (“I”) grade will not be considered for Merit List status during the semester in which the Incomplete was issued.

Full- and part-time status for academic honors is determined at the conclusion of the drop/add deadline.

Medaille College Honors Program

**Note: Only traditional, day program students are eligible to participate in this program.**

The Medaille College Honors Program is a distinctive academic community that brings together talented and highly motivated undergraduate students, outstanding and enthusiastic faculty, and dedicated staff and administrators with the shared goal of promoting a rich, dynamic intellectual environment within and beyond the classroom. The purpose of this innovative program is to enhance the educational experiences of honors students by combining a sequence of eight honors-level General Education courses with an array of co-curricular events and projects designed to nurture deep intellectual inquiry, develop academic integrity and leadership skills, and foster a sense of shared moral commitment within the communities of Buffalo, Western New York, and the world.

**BENEFITS TO STUDENTS IN THE HONORS PROGRAM INCLUDE:**

- A rigorous and conceptually-integrated curriculum of honors courses designed to introduce and reinforce important critical thinking tools, communication skills, and scholarly ideas;
- Participation in special events, such as special honors receptions, presentations, symposia, service projects, and social events;

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• Unique opportunities for personal mentoring from honors faculty, administrators, and staff, as well as the chance to connect with other outstanding and passionate students;
• Flexible advisement and registration procedures to ensure enrollment in honors courses on schedule and in sequence;
• A unique housing grant for all honors students choosing to live on campus;
• Preferred parking for freshman commuter students;
• Official recognition at commencement and on the diploma.

Since the curriculum of the Honors Program is structured around versions of Medaille’s General Education courses, qualified students pursuing any undergraduate baccalaureate degree program are potentially eligible to participate. For more information about the Honors Program, visit: http://www.medaille.edu/academics/honors-program.

**Academic Progress Report**

Students who are in danger of failing a course receive a warning via the Academic Progress Report. Students who receive a warning should immediately contact their instructor in order to determine how to improve their classroom performance and grades.

**Academic Standards**

**POLICIES**

The College’s Undergraduate Academic Standards Committee meets at the conclusion of each semester to review all undergraduate students’ academic progress and applies the policies described below to make decisions about their academic status.

**Good Standing**

All students with a cumulative GPA of 2.0 or higher are defined as being in good academic standing and therefore immune from academic probation or suspension for academic reasons except under extraordinary circumstances. After three semesters of full time attendance students must have a minimum 2.0 GPA to be considered in good academic standing.

**Academic Alert**

All students whose semester grade point average (GPA) falls below a 2.0 will receive an academic alert letter, even when their cumulative grade point average is a 2.0 or higher.

**Academic Probation**

Any student whose cumulative GPA falls below the applicable good academic standing minimums cited above is automatically subject to academic probation or suspension the following semester. Students placed on probation may continue their studies the subsequent semester contingent upon their signing a required Undergraduate Probationary Contract, which
limits them to 12 credits. A probationary semester is designed to give students the opportunity to take corrective action and progressively demonstrate their ability to meet the College’s academic standards. Academic probation is not subject to appeal.

Failure to sign an Undergraduate Probationary Contract or comply with the conditions of it on a regular basis are grounds for administrative withdrawal from the College at any time during the contract period. Failure to fulfill all the specific conditions of an Undergraduate Probationary Contract may affect the Undergraduate Academic Standards Committee’s decision regarding continued probation or suspension for students who do not return to good standing at the conclusion of the probationary semester.

The Undergraduate Academic Standards Committee determines probation at its discretion on a case-by-case basis. Committee members may skip probation and decide to suspend a student. Normally, the Undergraduate Academic Standards Committee will not grant any student more than two semesters of academic probation during her/his academic career at the College before suspending her/him. The Committee will award a third probationary semester only if extraordinary, documented mitigating circumstances apply.

### Suspension
The Undergraduate Academic Standards Committee has the discretion to suspend students who fail to maintain good standing rather than offer academic probation. Suspension is automatic for students unable to return to good standing after two consecutive semesters on academic probation.

### Appeal Process
Reinstatement from suspension is not automatic, but based on a careful consideration of available evidence regarding academic performance. Students may seek immediate reinstatement or wait for a full semester or longer to pursue reinstatement. Students denied immediate reinstatement must wait one full semester before appealing again. The Vice President for Academic Affairs or designee’s decision regarding reinstatement is final.

### Immediate Reinstatement
Students seeking reinstatement must submit an appeal letter to the Vice President for Academic Affairs or designee. The letter should (a) explain mitigating circumstances that may have affected one’s academic performance, (b) make a compelling case for reinstatement and (c) outline a plan for improving one’s academic performance.

Students suspended at the conclusion of the fall semester who seek immediate reinstatement for the upcoming spring semester must submit their appeal letter to the Vice President for Academic Affairs or designee within five working days after receipt of the College’s suspension letter. Students suspended at the conclusion of the spring semester who seek immediate reinstatement for the upcoming fall semester must submit their appeal letter by the date indicated on the suspension letter. Students seeking reinstatement after a period of more than one semester on
suspension should contact the Vice President for Academic Affairs or designee at least two weeks before the start of the semester in which they wish to return.

**Delayed Reinstatement**
Any student experiencing a period of absence because of suspension is encouraged to take steps to prepare for a successful return to Medaille College, if reinstated. Steps might include passing new courses at another accredited college or university (see College policies on transfer credits and repeating a course), enrolling in academic skills workshops, or obtaining tutorial assistance. In addition, evidence of intellectual and personal growth through work, community service, counseling, or other means would strengthen a student’s reinstatement appeal.

Any student reinstated from suspension must sign an Undergraduate Probationary Contract. Failure to meet the terms of the Undergraduate Probationary Contract at the end of the semester will result in automatic suspension. Failure to comply with the conditions of the contract during the semester may result in the contract being revoked at any time and the student administratively withdrawn from the College.

Reinstated students making substantial academic progress while under an Undergraduate Probationary Contract may have their reinstatement automatically continued for a second consecutive semester in order to give them reasonable time to return to good academic standing.

**Dismissal**
Students dismissed for academic reasons may not appeal for immediate reinstatement to the College but must wait at least one full academic year before petitioning for re-admittance as a matriculated student through the Office of Undergraduate Admissions. Students re-admitted are subject to the academic requirements in effect at the time of their return. They also return as probationary students and must either return to good standing by the end of one semester or to demonstrate significant progress toward it by earning a minimum semester GPA of 2.0 in order to avoid automatic dismissal. Students re-admitted from dismissal must return to good standing by the end of their second semester of study or be automatically dismissed again.

**DEPARTMENT OF EDUCATION UNDERGRADUATE DISMISSAL POLICY**
This policy applies to students enrolled in the following B.S.Ed. degree programs:
- Adolescent Teaching: Biology 7–12 & Students with Disabilities
- Adolescent Teaching: English 7–12 & Students with Disabilities
- Adolescent Teaching: Social Studies 7–12 & Students with Disabilities
- Education: Early Childhood/Childhood (B-6) Generalist

All B.S.Ed. majors must meet the NYSED mandated 2.0 cumulative GPA at the conclusion of their sophomore year (completion of 60 credit hours). Students who do not meet this requirement will be dismissed from their Education program. Students will also be dismissed from their Education program when referred to the Department of Education Professional Disposition Committee during any two (2) semesters prior to their senior year (completion of 90 credit hours).
credit hours). In both cases, students wishing to appeal dismissal and seek reinstatement must do so in writing within thirty (30) days following the end of the semester. This written appeal should be directed to the Department of Education Chair. The appeal will be carefully reviewed based upon available evidence. Their decision regarding reinstatement is final.

**Attendance and Participation**

Regular attendance and participation is expected in all classes and academic activities related to a course (e.g., field trips) unless otherwise specified. Individual faculty members establish the specific attendance requirements for their courses.

Excessive absences may be detrimental to student learning and performance and may affect certain types of financial aid. Discontinuance of attendance and/or participation in a course or courses does not constitute an official withdrawal. Students intending to withdraw from classes must file the appropriate paperwork with administrative offices. Withdrawal forms are available in the Registrar’s Office.

Medaille College subscribes to the “Guidelines on Students and Religious Observance” adopted by the Commission on Independent Colleges and Universities. Absence does not excuse a student from coursework and responsibility for its completion.

**ROSTER RECONCILIATION**

The College utilizes a Roster Reconciliation process in which faculty validate their class rosters each term/semester prior to the Census date. Any student who is not present in classes may be administratively withdrawn during Roster Reconciliation.

The classes a student is enrolled in and participating in as of the roster reconciliation date will determine the amount of Title IV monies a student will receive.

**CLASS PARTICIPATION FOR ONLINE PROGRAMS**

Online students are expected to be present electronically within the Blackboard course site regularly.

Class participation for accountability is calculated based on the hours spent in each of the various Blackboard activities. Students are also expected to spend adequate time working offline on course activities and research.

To maintain active enrollment in online courses, each student is expected to appear regularly in the course electronic site. If a student does not log into the course site and participate during the first week of class, they will be dropped from the course. Because of the unique characteristics of online learning, students should review the following attendance guidelines.
Students must be electronically present for some time during every week of class.

Each course must be completed during the established time period. Courses may not be extended over additional terms unless an Incomplete (I) grade has been issued.

Communication has always played a key role in higher education. In online courses, communication is both more essential and more formal. Students are expected to adhere to standard netiquette rules for course communications. Please review the Online Netiquette Expectations.

Participation records are maintained through Blackboard and summarized at the end of each online course.

It is the student’s responsibility to complete all work that is due within a week.

Computers and the Internet are easily accessed and highly portable; online courses do not require any synchronous meeting times. Therefore, students may plan to complete course work at remote locations, during travel, or when confined to the home. Only extreme hardship, military deployment, serious illness, or other documented extraordinary circumstances will be considered as a valid excuse for week-long absences from the virtual classroom.

A grade of Incomplete (I) is given only in very special circumstances. The student must furnish documentation to the instructor that coursework cannot be completed due to illness or other circumstance beyond the student's control. The student must have been in participation in the course and have done satisfactory work up until the last two weeks of the course. All work must be completed within seven weeks from the final meeting date of the course.

**Official Class Attendance/Participation/Absence Policy**

Online course attendance/participation is not determined by logging in, but by participation in the course.

Student "attendance/participation" in online courses will be defined as active participation in the course as described in the individual course syllabus.

- Students are required to login to the course site and participate for some period of time each week. Students who fail to log in during any course week will be considered absent.
- Students are responsible for all weekly course work. Students who miss weekly assignments or discussion boards should contact their instructor to account for their absence. Each individual faculty member will establish and publish the consequences of missed deadlines. It is the student’s responsibility to contact the instructor about making up missed work.
- Students will be allowed to make up missed class work with no penalty if the absence was caused by documented illness, death of immediate family member, or participation in College sponsored activities. Otherwise, the instructor has no obligation to allow students to make up work.
Course Syllabus Policy

At the beginning of every course, the instructor distributes a written or digital course syllabus to all students. The syllabus describes the objectives and content for the course and the method by which students’ work will be evaluated for grades. Students are required to maintain copies of all syllabi for their reference.

Evaluation of Students’ Work

An evaluation system is required for each course. Examinations are ordinarily part of the evaluation system, but alternative methods of overall evaluation may be employed. At the first class meeting of the semester, the instructor will inform students, through the course syllabus, of the type of evaluation system that will be used for that course throughout the semester.

Student Opinion Surveys

Information regarding Student Opinion Surveys is available in Policy Manual Faculty Handbook/Volume IV paragraph 4.5.4.6.

Academic Integrity

ACADEMIC INTEGRITY
TRADITIONAL UNDERGRADUATE

Overview: Medaille College expects students to fulfill academic assignments independently and honestly. Any cheating, plagiarism or other forms of academic dishonesty at Medaille College will be penalized, with sanctions ranging from an “F” on a specific assignment to expulsion from the College.

**Note: The Academic Integrity policy was originally published in Medaille College’s Policy Manual Volume VI Selected Undergraduate Academic and Enrollment Policies. This policy manual has since been incorporated into the Medaille College Catalog. For the sake of consistency, the original numeration of the section has been preserved.

6.1.1.1 Academic Integrity

All course syllabi contain the following statement: “Medaille’s faculty and administration expect all students to complete their academic assignments with honesty and integrity. Students who engage in any form of academic dishonesty (e.g., plagiarism, cheating on a test, forging a signature or an entire College document) will be dealt with severely, with penalties ranging from an “F” on a given assignment to failing a course or even academic suspension.

6.1.1.1.1 Definition
Medaille College expects students to fulfill academic assignments independently and honestly. Any cheating, plagiarism or other forms of academic dishonesty at Medaille College will be penalized, with sanctions ranging from an “F” on a specific assignment to expulsion from the College.

1. Cheating refers to the use of unauthorized assistance on academic assignments. Unauthorized aid may include, but is not limited to, the use of printed material, equipment, personal notes or other people. Students should assume that assistance should not be used unless it has been expressly permitted. It is the students’ responsibility to know the limits of assistance, if any, permitted on any assignment.

2. The faculty of Medaille College abide by the definitions of plagiarism offered by James D. Lester in Writing Research Papers, 4th ed., pages 95-96 (Glenview, Illinois: Scott, Foresman and Company). The following is reprinted with permission of Scott, Foresman and Company: “Fundamentally, plagiarism is the offering of words or ideas of another person as one’s own. While the most blatant violation is the use of other students’ work, the most common is the unintentional misuse of the reference sources. An obvious form of plagiarism is copying direct quotations from a source material without crediting the source. A more subtle form, but equally improper, is the paraphrasing of material or use of an original idea that is not properly introduced and documented. Use of source materials requires students to conform to a few rules of conduct:

   a. Acknowledge borrowed materials within the text by introducing the quotation or paraphrase with the name of the authority from whom it was taken. This practice serves to indicate where the borrowed materials began.
   b. Enclose within quotation marks all quoted materials.
   c. Make certain that paraphrased material is rewritten in own style and language. The simple rearrangement of sentence patterns is unacceptable.
   d. Provide specific documentation for each borrowed item.
   e. Provide an entry in [bibliography] for every book or journal [or Internet site] that is referred to in the paper.”

3. Other possible examples of academic dishonesty include:
   a. Falsely claiming to have done work or obtained data.
   b. Misrepresenting reasons for not completing assignments or taking examinations as scheduled.
   c. Submitting the same work in different courses without the prior approval of the instructor.
   d. Forging a signature on any College document.
   e. Damaging or stealing college documents and/or equipment from the library, computer center, classrooms, or other academic resources areas.
   f. Cheating on a test or other in class assignments.
6.1.1.1.2 Student Charged with Academic Dishonesty – First Offense

1. An instructor who discovers evidence of cheating, plagiarism or other forms of academic dishonesty will meet with the student and orally inform the student of the suspected violation and evidence upon which it is based as soon as possible after the offense is discovered.

This meeting affords the student an opportunity to present an explanation or defense and possibly resolve to the instructor’s satisfaction what may be a simple misunderstanding. After talking with the student, the instructor may choose not to pursue the matter or invoke any penalty. No formal charge may be filed against the student or a penalty imposed until the faculty member has met with the student (or made a reasonable effort to do so).

In situations where the suspected transgression is not discovered until after the close of a semester, the instructor should submit a grade of “Incomplete” and make a reasonable effort to contact the student as soon as possible either by phone or letter to discuss the instructor’s suspicion of academic dishonesty. If for some reason the student cannot be reached, or fails to respond within two weeks, an instructor may proceed to levy formal charges and impose course-related sanctions without having met with the student.

2. If still convinced that a violation of academic honesty has occurred, the faculty member will charge the student with academic dishonesty in a written statement that (a) details the specifics of the violation and (b) clearly states the course penalty(ies) to be imposed. The penalty may include an “F” for the specific assignment in question, an “F” for the entire course, or other course-related sanction deemed appropriate by the instructor. The instructor must report the action in writing to the appropriate Department Chair.

The appropriate College official will function as the College’s records manager for cases of acknowledged and/or proven academic dishonesty. Each case of alleged academic dishonesty will be handled confidentially, with information shared on a limited, need-to-know basis. All records will be placed in the student’s permanent official records file in the Registrar’s Office.

6.1.1.1.3 Student Appeal Process

1. A student may accept an instructor’s charge of academic dishonesty and the imposed course penalty(ies) or appeal the decision. In sequence, appeals may be made to the faculty member’s Department Chair, the Academic Standards Committee and, finally, to the Vice President for Academic Affairs. In cases where a Department Chair is the faculty member levying the charge of academic dishonesty, a student should appeal directly to the Academic Standards Committee through the VPAA (as described below). At any stage of the appeal, the Department Chair, the Academic Standards Committee or the VPAA may dismiss or reaffirm the charge based on interviews with all relevant parties and a thorough review of the evidence.
If the charges against the student are dismissed at any stage of the process, all the parties involved in the decision will be informed in writing. All parties have the right to appeal any decision except for the VPAA, which is final.

2. To appeal an instructor’s decision, the student must send a letter of appeal to the faculty member’s Department Chair within five working days of receiving the instructor’s written charge of academic dishonesty. After interviewing the student and instructor (and other relevant persons as needed) and reviewing the evidence, the chairperson will render a decision in writing within five working days of receiving the student’s appeal letter. A copy of this letter will also be placed in the student’s permanent, official file in the Registrar’s Office.

The student’s letter of appeal should contain:
   a. the course name, number, and section
   b. the instructor’s name;
   c. the nature of the violation;
   d. reasons why the student believes academic dishonesty did not occur or a rationale explaining why the penalty imposed is too severe; and
   e. supporting documentation.

A student intending to file an appeal is advised to consult with a faculty or staff member for assistance in composing an appeal letter.

3. To appeal a chairperson’s decision, the student should notify the VPAA of the student’s intent to appeal in writing within five working days of receiving the Department Chair’s written decision. The VPAA will review the case evidence, meet with the student and decide whether or not to convene the Academic Standards Committee.

If the VPAA determines the student has presented an insufficient basis for further appeal, the VPAA will notify the student in writing of the VPAA’s decision to uphold the charge of academic dishonesty within five working days of meeting with the student. The faculty member levying the original charge and the Department Chair involved will receive copies of the VPAA’s letter. A copy of this letter will also be placed in the student’s permanent, official record file in the Registrar’s office.

With cases determined to warrant further consideration, the VPAA will convene the Academic Standards Committee within ten working days after receiving the student’s appeal. After conducting a thorough hearing and review of the evidence (not to exceed two weeks’ time), the Academic Standards Committee will render its decision in writing and communicate it to the VPAA who will inform the student in writing of the Committee’s decision within five working days after its receipt, with copies sent to the appropriate faculty member, Department Chair, and the Registrar’s Office.

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At an Academic Standards Committee hearing on academic dishonesty, the student may be accompanied by anyone serving in an advisory capacity, and has the right to call witnesses. However, during the hearing, no party may be represented by legal counsel.

6.1.1.4 Documentation in Student Records

1. A final, official letter documenting a violation of the College’s Academic Honesty Policy will be placed in the student’s confidential file in the Registrar’s office in all instances of proven and/or acknowledged academic misconduct.

2. If a student is exonerated of a charge of academic dishonesty, the incident will not be documented as part of the student’s permanent academic record, and all communication pertaining to the case will be destroyed.

6.1.1.5 Note on Sanctions

1. An individual instructor’s sanctions for a specific case of academic dishonesty are limited to course-related penalties; however if a student’s violation is determined to be extremely serious, an instructor may request that the appropriate Department Chair review the case and send it to the Academic Standards Committee for recommendations on further sanctions, including expulsion from the College.

6.1.1.6 Repeat Offenses

As described in detail below, the process for handling cases of alleged academic dishonesty involving previous offenders omits the involvement of Department Chair, although they will be informed of the matter. All alleged repeat offenses and student appeals, if any, go directly to the Academic Standards Committee for a full hearing.

1. When the VPAA, as the institution’s records manager for cases of academic misconduct, becomes aware of a second (or more) reported charge of alleged academic dishonesty, the VPAA will immediately contact both the student charged and the faculty member bringing the charge and inform them of the date and time of a mandatory Academic Standards Committee hearing to adjudicate the current charge of academic misconduct. The VPAA will convene the Academic Standards Committee within ten working days after receipt of the most recent charge.

2. The Academic Standards committee will conduct a hearing to review the case and hear the student’s appeal, if any, of the charges and course-related sanctions imposed already by the instructor. The student may be accompanied by anyone serving in an advisory capacity, and has the right to call witnesses. However, during the hearing no party may be represented by legal counsel.
If the Academic Standards Committee dismisses the charge, the student and the faculty member bringing the charge will be informed in writing. The faculty member has the right to appeal the Committee’s decision. If the Academic Standards Committee finds the student guilty, it may either simply affirm the instructor’s course-related sanctions, impose an additional penalty or it may recommend that the VPAA dismiss the student from the College.

The Academic Standards Committee will render its recommendation in writing to the VPAA within five working days after completing its hearing. The VPAA will communicate the VPAA’s decision about penalties in writing within ten working days of the Academic Standards Committee hearing, with copies sent to the appropriate faculty member, Department Chair, and the Registrar’s Office.

3. A final, official letter documenting a second or additional act of acknowledged or proven academic dishonesty will be placed in the student’s confidential file in the Registrar’s Office.

4. A student dismissed for academic dishonesty may appeal for reinstatement to Medaille College through the VPAA after a period no less than one full academic year after the time of dismissal. The VPAA will consult with the Academic Standards Committee before making a decision on reinstatement.

ACADEMIC INTEGRITY
ADULT/ONLINE

Medaille College upholds the highest standards of academic work; these standards rest upon the academic integrity with which the student performs his or her work. The student’s academic integrity is manifested in the uniqueness of his or her academic work, in his or her conduct during examinations, and by the proper attribution of his or her sources in preparation of written work. Submission of false data, falsification of transcripts or grades, misconduct during examinations, turning in group work as individual effort, and plagiarism are among the violations of academic integrity. Cell phones, texting, and instant messaging are prohibited during the administration of any examination.

Academic Dishonesty is defined as any of the following:
- Submitting work for academic evaluation that is not the student’s own.
- Copying answers from another student during an in-class or take-home examination.
- Using unauthorized notes or materials during an examination.
- Accessing a cell phone or instant message program during an examination.
- Submitting group work as individual work.
- Failing to properly acknowledge the source of quoted or paraphrased ideas, data, or research.
• Appropriating, word for word, sections of a book, article, or website and submitting it as the student’s or group’s own work.
• Fabricating or falsely reporting data, information, or citations.
• Obtaining or attempting to obtain instructor resource material or confidential College records, either electronic or paper.
• Any academic misconduct that calls into question the integrity of a specific student work.

Medaille College does not condone such acts of academic misconduct. When a student is accused of an act of academic dishonesty, the appropriate action will be taken.

**Academic Actions and Appeals**

When an instructor discovers a suspected violation of academic integrity, the student will be notified as soon as possible. Every suspected violation of academic integrity MUST also be reported to the Vice president for Academic Affairs. The instructor and the student will then meet to discuss the violation and to consider possible actions, such as the resubmission of an equivalent, but not identical assignment. For most minor, inadvertent, or first offenses, the instructor will establish an appropriate classroom sanction.

For all serious and substantiated violations of academic integrity which are judged by the instructor to be intentional, the institutional process described below will be followed:

• The instructor will present evidence to the Vice President for Academic Affairs, who will decide within one week if the charge is warranted. If a charge is deemed unwarranted, the accusation will be rejected and no action will be taken. If the charge is warranted, the case will be presented to the Office of Academic Affairs.
• The Office for Academic Affairs will inform the student in writing that a charge has been filed.
• The Office for Academic Affairs, will review the evidence, interview the student, and meet with the instructor. Within one week, they will render a decision to dismiss the charges, give a failing grade to the assignment, award a grade of F for the course, or suspend the student from the College. Suspension will be reserved for serious instances in which either premeditation or recidivism is present.

**Academic Policies**

**ACADEMIC DECORUM**

Medaille College is committed to providing an environment free from discrimination on the basis of sex. Medaille College provides many resources to students, faculty and staff to address concerns relating to discrimination on the basis of sex, which includes sexual misconduct. More information can be found here: [http://www.medaille.edu/offices/human-resources/title-ix](http://www.medaille.edu/offices/human-resources/title-ix)
Medaille College does not tolerate sexual or racial harassment of students or employees by College faculty, staff, or students. Students are legally protected from such activity by both state and federal legislation and are asked to report any occurrence to the Office for Academic Affairs without fear of recrimination.

The College does not tolerate immature or abusive behavior in the classroom setting. Upon receipt of a written complaint from the instructor, the Vice President for Academic Affairs may immediately remove the student from the class. The Vice President for Academic Affairs or designee and the Vice President for Student Development will review the evidence and render a final decision within 30 days.

**ACADEMIC CLASSROOM CONDUCT**

Medaille students\(^1\) are members of a unique and privileged community of learners. They are expected to cooperate with their faculty\(^2\), fellow students, all campus educators\(^3\) and college officials\(^4\) to promote intellectual curiosity and foster respect for diverse people, ideas, points of views, and fields of study in the advancement of learning.

Maintaining a classroom environment that fosters mutual respect, freedom of expression without embarrassment or ridicule, and active, collaborative engagement in learning is essential to achieving these intended outcomes of higher education. Medaille College expects all students and faculty to contribute to the creation of classroom environments where learning can flourish, and to conduct themselves in a mature, responsible, and civil manner.

Students who engage in disruptive or threatening classroom behaviors interfere with the rights of fellow students who wish to learn and impede their faculty’s ability to provide instruction. Medaille College will not tolerate rude, disruptive, or threatening conduct and will deal with infractions appropriately, from an initial verbal warning to temporary removal of the offending student(s) from class to formal disciplinary action and possible expulsion. Any student removed from class will be required to meet with the appropriate College officials at which time they will reiterate the negative effect on the learning environment of the continued, repeated misconduct in question; explore the causes of it; discuss appropriate corrective behavior; and review again the possible consequences of any further classroom disruptions, including faculty-imposed, course-embedded academic sanctions ranging from a reduced assignment grade on a paper, exam, or

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1 The term “student” includes all persons taking courses at Medaille, either full-time or part-time, pursuing undergraduate or professional studies.

2 The term “faculty” means any person hired by the college to conduct classroom or teaching activities or who is otherwise considered by the college to be a member of its faculty.

3 The term “campus educators” includes faculty as well as individuals who may conduct classroom or teaching activities at the request of the college.

4 The term “college officials” includes any person employed by the college performing assigned administrative or professional responsibilities

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project to lowering the final course grade. See the Medaille College Academic Classroom Conduct Policy and Procedures below for details.

Apart from avoiding uncivil classroom conduct, the College expects all students, beginning in their first semester, to engage in positive behaviors and decision making that ensures a fruitful and effective learning environment for all.

**Academic Classroom Conduct-Policy and Procedures**
The Medaille College Academic Classroom Conduct-Policy and Procedures identifies two levels of inappropriate student conduct, both of which interfere significantly with creating and sustaining the kind of learning environment described above. The Policy and Procedures Statement also outlines the institutional processes for educating students about community standards for classroom behavior and for sanctioning any individuals who fail to conduct themselves in accordance with them.

It should be noted that appropriate academic conduct extends beyond the traditional physical classroom setting and applies equally to other College – related and sanctioned learning environments that include but are not limited to laboratories, clinical and internship sites, field trips, off-site facilities, and online learning environments. Specific information regarding conduct outside of the academic classroom setting is addressed in VOL. VII, Student Life and Residence Policies, of the Medaille College Institutional Manuals, available through the College’s website.

**Note:** Specific degree and licensed programs (i.e. Education, Veterinary Technology) may have additional requirements and professional behaviors that also need to be adhered to, which also includes their own accountabilities (legal and ethical) and resolution procedures.

**VIOLATIONS OF ACADEMIC DECORUM AND RESOLUTION PROCEDURES**

**Level I Misconduct**
Disrespectful and/or Disruptive to Learning, is defined by inappropriate classroom behaviors that are disrespectful and/or disruptive to learning. Examples may include, but are not limited to:

- Arriving late to class
- Leaving early, without informing the instructor
- Inappropriate, unauthorized use of electronic devices
- Sleeping in class
- Engaging in non-class related activities
- Persistent speaking without permission
- Disruptive behavior with other students or their faculty
- Inappropriate comments or personal insults
- Loud, prolonged side conversations
If faculty members and instructors make the determination that the behavior is disrespectful and/or disruptive, they are required to address Level I behaviors by using the following Informal Resolution Process. The goal is to correct student behavior through a supportive, developmental, mentoring approach.

**Informal Resolution Process**

Faculty members and instructors are required to address initial Level I misconduct behaviors through the following process in the order indicated below:

- **Speak directly with the offending student(s) either in class at the time of an incident or as soon as possible after class.** Depending upon the nature of the initial infraction, the faculty or campus educator may direct a student(s) to leave the classroom.

- **Issue a verbal warning and explain why the behavior is inappropriate in the classroom setting (or other educational context) and disruptive to learning.** Describe appropriate behavior and the possible consequences if the misconduct persists.

- **Contact other appropriate College officials (i.e. Program Director, Department Chair) and/or issue an academic warning in order to ask for assistance in intervening with the offending student(s) in an effort to defuse and/or resolve a situation before it progresses to a formal warning or dismissal of the student from class.**

After issuing a warning(s), faculty or instructors may direct a student(s) to leave the classroom if disruptive behavior continues during a class period or persists regularly over a span of time. If the disruption becomes serious or the student(s) refuses to leave, faculty or instructors are to contact Public Safety to escort the student(s) from the classroom and off campus grounds. If the class is conducted at a sanctioned learning environment such as a laboratory, clinical, and internship site, field trip or off-site facilities, the host site will contact its security personnel or the police to remove the student(s) from its property according to the organization’s policy for removing a disruptive or threatening individual.

**First Classroom Dismissal and Sanctions (Level I Misconduct)**

After being dismissed from a class for the first time, the faculty member or instructor must inform the student(s) in writing that a meeting must be arranged with the faculty member or instructor in an attempt to resolve the matter before the next class meeting. Faculty or instructors should ask their Department Chair, or another appropriate institutional official to participate in an effort to facilitate a positive resolution. The student(s) will not be allowed to return to class until this required meeting has taken place.

At this meeting, College officials will reiterate the negative effect on the learning environment of the continued, repeated misconduct in question; explore the causes of it; discuss appropriate corrective behavior; and review again the possible consequences of any further classroom disruptions, including faculty-imposed, course-embedded academic sanctions ranging from a reduced assignment grade on a paper, exam, or project to lowering the final course grade.

Students dismissed from class the first time are also subject to a Letter of Warning from the appropriate College official.
Second Classroom Dismissal and Academic Withdrawal (Level I Misconduct)
Any student(s) dismissed from class for a second time, after a previous meeting with College officials regarding Level I misconduct determined by a faculty member or instructor to be disrespectful and/or disruptive as well as chronic, is/are subject to administrative withdrawal from the course or courses where the infractions have occurred.

A faculty member or instructor who has dismissed a student from her/his classroom a second time may pursue the administrative withdrawal of the student(s) through the Office of Academic Affairs within three working days. At the written request of a faculty member or instructor, the appropriate college official will review the documentation available regarding chronic misconduct, and make a recommendation to the Vice President for Academic Affairs within three working days of receiving the written request. The decision of the VPAA is final.

Level II Misconduct:
Threatening and Safety Endangering, is defined by any behavior that threatens or jeopardizes the health and safety of the faculty member or instructor, or other students and staff. Examples may include but are not limited to:

- Physical harassment or intimidation
- Verbal harassment or threats (written or oral)
- Physical altercation
- Property destruction

Faculty and instructors should always treat Level II infractions as serious and follow the Formal Resolution Process described below.

Formal Resolution Process
Faculty members and instructors are required immediately to report any Level II misconduct by contacting Public Safety at 716-880-2911 (Buffalo Campus), or 585-272-0030 (Rochester Campus, and have the offending student(s) removed from the classroom and off campus grounds. In the event the class is conducted at a sanctioned learning environment such as a laboratory, clinical and internship site, field trip or off-site facilities, the host site will contact its security personnel or the police to remove the student(s) from its property according to the organization’s policy for removing a disruptive or threatening individual.

Because their behavior compromises the safety and security of others and threatens the integrity of the learning environment, students who commit Level II violations will be automatically referred to the Vice President for Student Development. The Vice President for Student Development will initiate the College’s published Judicial Hearing Process, and will notify the student(s) through all forms of communication (written, oral, and digital) of a hearing to

5 The term “staff” includes any person who is employed by the college

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adjudicate charges of violations of the Student Code of Conduct and the possible sanctions resulting from the misconduct.

Once the case is concluded, the Vice President for Student Development will notify, in writing, the student(s), the faculty member or instructor, the appropriate Department Chair, the Vice President for Academic Affairs, and Public Safety.

Students are not allowed to return to the class from which they were removed during the adjudication of their case.

**Documentation**
Faculty and instructors are required to maintain a written record of classroom incidents for Level I misconduct, determined by the faculty member or instructor to be disrespectful or disruptive, including any communication about the incident(s) with the student(s) in case further action is required.

Documentation also is mandatory for Level II infractions or Level I incidents whenever a student(s) is/are dismissed from a classroom for such Level I misconduct determined by a faculty member or instructor to be disrespectful and/or disruptive. All documentation should be dated and clearly indicate all parties involved.

**Note:** Documentation is critical as a primary source of evidence in cases referred for disciplinary action.

The documentation is provided solely to the college faculty, educators, college officials, and public safety staff who have a “legitimate educational interest” in having access to these records.

Faculty and instructors must complete an official College Incident Report form at Public Safety for all Level II infractions. Copies will be distributed to the faculty member, her/his Department Chair, the Vice President for Academic Affairs, and the Vice President for Student Development.

**Academic Dishonesty**

**Note:** This policy applies to all Traditional Undergraduate students.

Medaille College expects students to fulfill academic assignments independently and honestly. Any cheating, plagiarism, or other forms of academic dishonesty at Medaille College will be penalized, with sanctions ranging from an “F” on a specific assignment to dismissal from the College.

Cheating refers to the use of unauthorized assistance on academic assignments. Unauthorized aid may include, but is not limited to, the use of printed material, equipment, personal notes or other people. Students should assume that assistance should not be used unless it has been expressly
permitted. It is the students’ responsibility to know the limits of assistance, if any, permitted on any assignment.

The faculty of Medaille College abide by the definitions of plagiarism offered by James D. Lester in *Writing Research Papers*, 4th ed., pages 95-96 (Glenview, Illinois: Scott, Foresman and Company). The following is reprinted with the permission of Scott, Foresman and Company:

“Fundamentally, plagiarism is the offering of words or ideas of another person as one’s own. While the most blatant violation is the use of other students’ work, the most common is the unintentional misuse of the reference sources. An obvious form of plagiarism is copying direct quotations from a source material without crediting the source. A more subtle form, but equally improper, is the paraphrasing of material or use of an original idea that is not properly introduced and documented. The use of source materials requires students to conform to a few rules of conduct:

- Acknowledge borrowed materials within the text by introducing the quotation or paraphrase with the name of the authority from whom it was taken. This practice serves to indicate where the borrowed materials began.
- Enclose within quotation marks all quoted materials.
- Make certain that paraphrased material is rewritten in one’s own style and language. The simple rearrangement of sentence patterns is unacceptable.
- Provide specific documentation for each borrowed item.
- Provide an entry in (bibliography) for every book or journal (or internet site) that is referred to in the paper.”

**DEFINITION OF ACADEMIC DISHONESTY**

Academic Dishonesty is defined as any of the following:

- Submitting work for academic evaluation that is not the student’s own.
- Copying answers from another student during an in-class or take-home examination.
- Using unauthorized notes or materials during an examination.
- Accessing a cell phone or instant message program during an examination.
- Submitting group work as individual work.
- Failing to properly acknowledge the source of quoted or paraphrased ideas, data, or research.
- Appropriating, word for word, sections of a book, article, or website and submitting it as the student’s or group’s own work.
- Fabricating or falsely reporting data, information, or citations.
- Obtaining or attempting to obtain instructor resource material or confidential College records, either electronic or paper.
- Any academic misconduct that calls into question the integrity of a specific student work.
Medaille College does not condone such acts of academic misconduct. When a student is accused of an act of academic dishonesty, the appropriate action will be taken.

**Other Possible Examples of Academic Dishonesty**

- Falsely claiming to have done work or obtained data
- Misrepresenting reasons for not completing assignments or taking examinations as scheduled
- Submitting the same work in different courses without the prior approval of the instructor
- Forging a signature on any college document
- Damaging or stealing college documents and/or equipment from the library, computer center, classrooms, or other academic resources areas
- Cheating on a test or other in-class assignments.

**SUSPECTED VIOLATION OF ACADEMIC DISHONESTY**

An instructor who discovers evidence of cheating, plagiarism or other forms of academic dishonesty will meet with the student and verbally inform the student of the suspected violation and evidence upon which it is based as soon as possible after the offense is discovered.

This meeting affords the student an opportunity to present an explanation or defense and possibly resolve to the instructor’s satisfaction what may be a simple misunderstanding. After talking with the student, the instructor may choose not to pursue the matter or invoke any penalty. No formal charge may be filed against the student or a penalty imposed until the faculty member has met with the student (or made a reasonable effort to do so).

1. In situations where the suspected transgression is not discovered until after the close of a semester, the instructor should submit a grade of “Incomplete” and make a reasonable effort to contact the student as soon as possible either by phone or in writing to discuss his/her suspicion of academic dishonesty. If for some reason the student cannot be reached, or fails to respond within two weeks, an instructor may proceed to levy formal charges and impose course-related sanctions without having met with the student. If still convinced that a violation of academic honesty has occurred, the faculty member will charge the student with academic dishonesty in a written statement that details the specifics of the violation and clearly states the course penalty(ies) to be imposed.

2. The penalty may include an “F” for the specific assignment in question, an “F” for the entire course, or other course-related sanction deemed appropriate by the instructor. The instructor must report the action in writing to the appropriate department chair and the Vice President for Academic Affairs.

3. The Vice President for Academic Affairs will function as the College’s records manager for cases of acknowledged and/or proven academic dishonesty. Each case of alleged academic dishonesty will be handled confidentially, with information shared on a
limited, need-to-know basis. All records will be placed in the student’s permanent official records file in the Registrar’s Office.

**STUDENT APPEAL PROCESS**

A student may accept an instructor’s charge of academic dishonesty and the imposed course penalty(ies) or appeal the decision. In sequence, appeals may be made to the faculty member’s department chair, the appropriate Program Director and, finally, to the Vice President for Academic Affairs (VPAA). In cases where a department chairperson or Program Director is the faculty member levying the charge of academic dishonesty, a student should appeal directly to the VPAA (as described below). At any stage of the appeal, the department chair, the appropriate Program Director or VPAA may dismiss or reaffirm the charge based on interviews with all relevant parties and a thorough review of the evidence.

If the charges against the student are dismissed at any stage of the process, all the parties involved in the decision will be informed in writing. All parties have the right to appeal any decision except for that made by the VPAA, which is final.

To appeal an instructor’s decision, the student must send a letter of appeal to the faculty member’s department chairperson within five working days of receiving the instructor’s written charge of academic dishonesty. After interviewing the student and instructor (and other relevant persons as needed) and reviewing the evidence, the chairperson will render a decision in writing within five working days of receiving the student’s appeal letter. A copy of this letter will also be placed in the student’s permanent, official file in the Registrar’s Office.

**The Student’s Letter of Appeal Should Contain**

- the course name, number, and section;
- the instructor’s name;
- the nature of the violation;
- reasons why the student believes academic dishonesty did not occur or a rationale explaining why the penalty imposed is too severe; and supporting documentation.

A student intending to file an appeal is advised to consult with a faculty or staff member for assistance in composing an appeal letter.

To appeal a chairperson’s decision, the student should notify the Vice President for Academic Affairs of his/her intent to appeal in writing within five working days of receiving the department chair’s written decision. The VPAA will review the case evidence, meet with the student and decide whether or not to convene Academic Standards Committee.

If the Vice President for Academic Affairs determines the student has presented an insufficient basis for further appeal, he/she will notify the student in writing of his/her decision to uphold the charge of academic dishonesty within five working days of meeting with the student. The faculty
member levying the original charge and the department chairperson involved will receive copies of the VPAA’s letter. A copy of this letter will also be placed in the student’s permanent, official record file in the Registrar’s office.

**Documentation in Student Records**
A final, official letter documenting a violation of the College’s academic honesty policy will be placed in the student’s confidential file in the Registrar’s office in all instances of proven and/or acknowledged academic misconduct.

If a student is exonerated of a charge of academic dishonesty, the incident will not be documented as part of his/her permanent academic record, and all communication pertaining to the case will be destroyed.

**Note on Sanctions**
An individual instructor’s sanctions for a specific case of academic dishonesty are limited to course-related penalties; however if a student’s violation is determined to be extremely serious, an instructor may request that the Vice President for Academic Affairs Office review the case and recommend further sanctions, including dismissal from the College.

**Repeat Offenses**
As described in detail below, the process for handling cases of alleged academic dishonesty involving previous offenders omits the involvement of department chairperson, although they will be informed of the matter. All alleged repeat offenses and student appeals, if any, go directly to the Vice President for Academic Affairs for a ruling.

Upon reviewing all of the evidence, a final, official letter documenting a second or additional act of acknowledged or proven academic dishonesty will be placed in the student’s confidential file in the Registrar’s Office. The Vice President for Academic Affairs reviewing the case has the option of dismissing the student from Medaille College.

A student dismissed for academic dishonesty may appeal for reinstatement to Medaille College through the Vice President for Academic Affairs after a period no less than one full academic year after the time of dismissal.

**Online Student Identity Verification**

The HEOA requires that institutions offering online education have processes in place to ensure that the student registering for a course is the same student who participates in the course or receives course credit. The Act requires that institutions use one of the following three methods:

- A secure login and pass code;
- Proctored examinations; or
- New or other technologies and practices that are effective in verifying student identification.

**Students are expected to do all of their own work.** The primary means of validating the identity of an online student is through their username and password. In addition to username and password identify verification, students will be asked to verify their identity through challenge questions to authenticate an online person’s identity. Questions are based only on public, non-public and proprietary information. Failure of student identity verification will be treated in the same manner as cheating.

### Grievance Policies

#### ACADEMIC GRIEVANCE PROCEDURE

A student wishing to resolve an academically-related grievance is required to follow the Academic Grievance Procedure.

The procedure is as follows:

- The student should contact the instructor directly and attempt to resolve the grievance.
- If the grievance cannot be resolved between student and instructor, the student should contact the instructor’s Program Director/Department Chair. The grievance should be submitted to the Department Chair of the course in question.
- If still not resolved, the student should contact the Academic Affairs Office.

**Note: All academic grievances must be made in writing. Academic Affairs reserves the right to meet with the involved parties.**

A student may appeal the Program Director/Department Chair’s decision to the Vice President for Academic Affairs (VPAA). The decision of the Vice President for Academic Affairs is final for all academic matters.

#### NON-ACADEMIC GRIEVANCE PROCEDURE

A student wishing to resolve a non-academic-related grievance is required to follow the Non-Academic Grievance Procedure.

The procedure is as follows:

- The student should contact the Institutional department in question directly and attempt to resolve the grievance.
- If the grievance cannot be resolved between the student and the representative of the Institutional department, the student should contact the department’s Director/Supervisor. The grievance should be submitted to the department’s Director/Supervisor in question.
If still not resolved, the student should contact the Vice President of the department in question.

**Grade Appeal**

**Note:** Adult/Graduate/Online students follow a different policy for Academic Grievances/Grade Appeals.

Students who believe a final grade in a given course represents an inaccurate evaluation of their work have the right to appeal. This appeal must be submitted in writing within 60 days of the semester’s grade report. This written appeal should be directed to the instructor of the course in question. The student should be prepared to demonstrate how the assigned grade fails to correspond with the instructor’s stated course requirements and grading standards. If the student is unable to resolve the grade satisfactorily with the instructor, the student should forward the appeal to the instructor’s Department Chair and, thereafter, the Vice President for Academic Affairs or a designee. The Vice President’s decision is final.

**ACADEMIC GRADE APPEAL**

**ADULT/ONLINE**

**Note:** This policy applies to Adult/Graduate/Online (AGO) students only.

Academically related conflicts between a student and an instructor should be addressed promptly. Students should understand that grading is viewed as a contractual relationship between the faculty member and the student. Although students have the right to protest, actual changes in grades are both rare and at the discretion of the faculty member. The Vice President for Academic Affairs will intervene only in extreme circumstances and, even then, only as an intermediary.

Should a student believe there is concrete reason to protest a grade for a course, the procedures are as follows (within one week of the grades becoming available on MedailleOne):

- The student should discuss his or her course work with the instructor and review the grading policies for the course.
- If the student is still dissatisfied following the discussion with the instructor, a written appeal should be submitted to the respective Program Director.

A grade may be changed only if there is unequivocal evidence that the grade was the direct result of arbitrary and capricious conduct on the part of the instructor or of mathematical or mechanical errors in scoring course work. Grade changes must be requested within one month from the awarding of the original final course grade. All grade changes are approved by the Office of Academic Affairs.
Course Prerequisites

Course prerequisites are viewed by Academic Departments.

Academic Records

STUDENT RECORDS

All student records are maintained and made available in accordance with the Federal Family Educational Rights and Privacy Act of 1974. Thus, with some exceptions, all student records are made available for review upon request by that student and the right to challenge the content is provided. No records are released to third persons except as provided in the Federal Family Educational Rights and Privacy Act. Information will not be released outside the College community without the expressed consent of, or waiver by, the student involved, except under valid legal compulsion or where there is a danger to a member of the College. Detailed information on the maintenance and availability of student records is available in the Registrar’s Office. Normally the College will disclose directory information to the public unless the student notifies the Office of the Registrar in person or in writing before the last day to drop classes. Medaille College will never release this information for commercial purposes. The following is considered directory information at Medaille College: Student’s name, address, telephone number, major field of study, achievements, degrees, academic awards or honors, dates of enrollment, enrollment status, level of study, weight and height if a member of athletic teams, and participation in extracurricular activities.

Questions concerning the Family Educational Rights and Privacy Act may be directed to the Registrar's Office: registrar@medaille.edu.

GRADE REPORTS

Grades are available at the end of each semester to MedailleOne. Grade reports are not released over the telephone or in person at the Registrar’s Office. A “NGR” indicates a grade has not yet been recorded.

TRANSCRIPT OF RECORD

Students may request official transcripts through National Student Clearinghouse regardless of when they attended. Most electronic PDF transcripts are processed within an hour of order placement. All non-PDF delivery methods require a minimum 1- to 2-day processing time. Current students may access unofficial transcripts through MedailleOne. Unofficial transcripts are no longer available to anyone who does not have access to MedailleOne. This includes anyone who has not attended Medaille College within one year.

More information is available through the Registrar’s Office.

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Copies of Transcripts from Other Institutions

Medaille College does not release copies of other institutions’ transcripts. It is necessary to obtain transcripts directly from the original institution. This includes both college/university and high school transcripts.

Transcripts and all documentation of academic history from other institutions submitted to Medaille College become the property of Medaille College and cannot be returned to students or forwarded to other institutions. Once received, all academic documents are retained by the Registrar’s Office. Federal policy (FERPA) states that a student has the right to view documents in his or her file. However, the College is not required to provide (or allow the making of) copies of such documents.

Medaille College, along with most colleges and universities, has a policy prohibiting the release of copied academic documentation from other institutions. Stated below are the following reasons behind this policy and common practice:

1. Academic documents from another institution reflect a student’s academic record at that institution at a particular time (like a snapshot) and might be incomplete. The record may have been added to or changed by the issuing institution after the time of receipt by Medaille College.
2. Current, complete, accurate, and official student records are issued by the transcripting institution. It is a common preference that entities receiving and reviewing academic documents should always reference official academic documents, not copies.
3. Medaille College has no way of knowing whether a student wishes to use a copy of a transcript from another institution to avoid having others see grades or information which may be considered negative (incomplete grades, low grades, etc.). Students may have an account balance at the issuing institution and may therefore be prevented from obtaining an official transcript until such obligations are met. As a professional courtesy, Medaille College honors the desire of issuing institutions to have official academic documents obtained directly from issuing institutions. Medaille College requests that other institutions refrain from releasing copies of Medaille College transcripts/academic documents found in their student files.

Academic Changes

COURSE CHANGE (DROP/ADD)

A student may not drop or add courses within any particular semester after the deadlines indicated on the Academic Calendar. Should a student drop below 12 credits, there is a possibility of reduced financial aid available to that student. To drop/add a course, a student must contact his/her Academic Advisor and fill out the Drop/Add Worksheet form. Any course dropped within the published drop/add deadlines is removed from the student’s record and no charges are assessed for the dropped coursework.
CHANGE OF NAME OR ADDRESS

Students are required to notify the Registrar’s Office in writing of any change of name, address, phone number, and/or emergency contact(s). Changes in address, phone number, and/or emergency contact(s) can be made by filling out the Change of Name/Address form or by emailing the information to registrar@medaille.edu. Name changes must be accompanied by official documentation (i.e. birth certificate, government-issued ID, divorce decree, marriage certificate, etc.).

CHANGE OF DEGREE STATUS

Students taking courses, but not applying the credits toward a degree or certificate, are considered to be “non-matriculating.” Once a student earns 15 credit hours, he/she must apply for admission to the College. Students should follow the Admissions procedures and guidelines.

DECLARING A MAJOR PROGRAM OF STUDY

Undeclared students must declare a major program upon completion of 48 credit hours. Students are required to discuss their choice of program with their present Academic Advisor and the chair of the program of interest. A Change of Status form, available from the Academic Advisement Office, must be completed and submitted to the Registrar’s Office.

CHANGING FROM ONE PROGRAM TO ANOTHER

Forms for changing from one major program to another are initiated through the Academic Advisement Center. The form must be completed and submitted to the Registrar’s Office. A student may not change from one program to another during the last 12 credit hours required for degree completion.

COLLEGE WITHDRAWAL

A student must submit notification of intention to withdraw from the College. The College Withdrawal form is available in the Registrar’s Office and the Advisement Center. This form must be completed and returned to the Registrar’s Office. Failure to provide notice of an official Withdrawal form means the student will be liable for tuition and fees originally incurred (see “Liability Policy”).

A student will receive “W” if the Withdrawal form is submitted to the Registrar’s Office by the Withdrawal deadline listed in the Academic Calendar. Any student who officially withdraws from the College and remains inactive for a year must reapply through the Admissions Office and is subject to all program requirements and policies in effect at the time of re-admittance.
COURSE SUBSTITUTIONS

Occasionally, based upon previous coursework taken at Medaille College, a course substitution may be requested. To petition for a course substitution, the student must submit a formal request for a Course Substitution with accompanying documentation to the Advisor.

CONCURRENT ENROLLMENT

**Note: This policy applies only to students enrolled in Adult/Online programs.

Concurrent enrollment is not permitted for the first course of each program. Students who have successfully completed the first course may enroll in two courses concurrently, as long as they maintain a 2.0 GPA for undergraduate students. Because Adult, Graduate and Online programs tend to require intensive study and non-traditional students tend to have work and family responsibilities beyond the classroom, students who believe that concurrent enrollment is necessary or advisable should carefully consider the demands on their time, financial, and emotional resources.

**Note: The Fast Forward programs include approved exceptions to this policy.

Registration Procedures

New students are registered through the Academic Advisement Center. The master schedule will be available via the Medaille College web site prior to the start of student advisement. All students must meet with an Academic Advisor to register for classes.

Academic Advising

The Academic Advisement Center is located in the Student Success Center in Huber Hall. To schedule an appointment with an advisor, or speak to a member of the Center’s staff, please call: 716-880-2227. More information is available through the Center’s web site: http://www.medaille.edu/academics/aac.

MISSION

The mission of the Academic Advisement Center is to provide students with direction and support to achieve their academic goals. The Advisement Center staff works cooperatively with students and other College offices to help resolve any issues or problems that may impede academic progress.

Academic Advisors are available both day and evening hours on weekdays to provide a wide variety of academic advisement services. Advice on common academic questions is available on a walk-in basis.
Students are assigned an Academic Advisor upon acceptance to the College. All new students will have an Academic Advisor from the Academic Advisement Center/Student Success Center.

Each student is required to meet with his or her Academic Advisor to plan a spring and fall class schedule. Questions regarding schedule changes, academic policies, and program requirements should also be directed to the Academic Advisors in the Center. The Medaille College advising system does not operate in isolation. It is, rather, an intricate system in which all constituencies in the College have an active role in assisting students throughout their academic career at the College. Academic Advisors and support staff in the Advisement Center work closely with faculty and student support offices such as the Registrar’s Office, Financial Aid, Residence Life, Career Planning and Placement, and Student Services to ensure that students have a rewarding experience at Medaille College.

The Advisement Center coordinates the collection and distribution of Academic Warning Reports for at-risk students. Faculty members submit completed Academic Warning Reports online and as needed throughout the semester if a student is performing below a C- in the course. Advisors follow up with students regarding their performance. A comprehensive report is generated each week of all academic warnings issued by the faculty. The report is available to the Athletic Office, Academic Support Center, Department Chairs, the Vice President for Student Development, and the student’s Academic Advisor for appropriate follow-up.

**DEGREE COMPLETION PLANNING**

**Note: This policy applies to students in Adult/Online programs.**

Degree completion planning allows the Adult/Online student to create a plan that enables him/her to complete all degree requirements in a timely manner. All undergraduate students are required to ascertain what general education requirements, liberal arts and sciences electives, and general elective requirements have been met. It is the responsibility of the student to make appointments with his/her advisor to assess status toward graduation. Students should schedule their mandatory advisement session prior to or during their first course to complete the Educational Goal Plan. Students must schedule a mandatory advisement session midway through their program. Failure to do so may result in a delayed graduation date.

A Student Services/Advisement Counselor will assist the student in the development of an Educational Goal Plan and explain all available options for earning credits toward the degree requirements. Options include supplemental courses and programs offered at Medaille College, national testing programs, unique offerings at other colleges, and assessment of prior documented and experiential learning. The purpose of educational goal planning is to assist students in selecting those options which are most appropriate for attaining a degree.
PROGRAM/COURSE REGISTRATION

**Note: This policy applies to Adult/Online students only.**

Adult/Online students are registered for all courses within a specific program. No auditing of courses is allowed. A student who fails to participate in or complete any course for which he or she registered will receive an "F" and be billed for the course. In order to prevent such action, the student must officially withdraw from the course and/or program. Student forms are available online at www.medaille.edu/registrar. To prevent being billed for a class the student must official withdrawal before the first class meeting. Waivers must be requested at least four weeks prior to the start of the waived course.

REGISTRATION FOR ADDITIONAL COURSES

**Note: This policy applies to Adult/Online students only.**

If a student needs additional credits in order to fulfill his/her degree completion requirements, he/she may register for AGO elective courses. Registration must be completed at least three weeks prior to the first night of class. Registration forms are available from Student Services. Students must schedule an advisement session with Student Services before registering for additional courses.

**Academic Fresh Start Policy**

The policy offers a second chance for students who previously experienced serious academic difficulty to earn a baccalaureate degree through a fresh start.

**ELIGIBILITY**

After a minimum absence of five consecutive years, students suspended or dismissed for academic reasons, or who voluntarily withdrew because of unsatisfactory academic performance, may seek re-admission to the College through this policy.

The request to be re-admitted through the Fresh Start policy should be made to the Registrar’s Office. Requests will be referred to the Office of Academic Affairs for a decision.

Individuals seeking re-admission under this policy must present, in letter form, a thoughtful educational plan that includes educational and career goals, strategies for achieving them, and evidence of personal growth and change since their previous enrollment. The plan should also include evidence of academic preparedness to succeed (e.g., learning through work experience or community service, transcript of College-level courses completed at other accredited postsecondary institutions, private tutoring).
POLICY CONDITIONS

A student re-admitted under the Fresh Start policy is subject to the following conditions, without exception:
- The student begins her/his new re-entry coursework with a GPA of 0.00.
- Previous grades will not be calculated into the student’s cumulative reentry GPA except for purposes of calculating student eligibility for College honors. All prior coursework and grades remain a permanent part of the student’s official Medaille College transcript.
- The beginning date of the Fresh Start will be entered on the student’s official transcript.
- The student must complete all the current, published College-wide and program-specific matriculation requirements in effect at the time of her/his re-admission.
- Previous credits earned with a C- or higher grade will be counted toward the fulfillment of current degree requirements, if applicable.
- Academic Fresh Start may be granted only once.

Students re-admitted under Fresh Start are subject to all other existing academic policies and practices, including those governing academic alert, probation, and suspension. However, instances of probation, suspension, or dismissal prior to Fresh Start reentry will not be counted in future decisions regarding the student’s academic status. The policy does not apply to a student’s financial aid history and eligibility. Students should be aware that many graduate and professional schools will compute an applicant’s cumulative undergraduate GPA on all hours attempted, not just those completed under Fresh Start. Students who are granted the privilege of Fresh Start must complete a minimum of 30 credits in new or repeated courses at Medaille College prior to graduation. All courses taken at Medaille College will be used to calculate eligibility for College honors at Commencement. The Office of Academic Affairs reserves the right to rescind the Fresh Start policy if a student fails to meet minimum academic progress standards or violates any of the conditions of this policy.

FINANCIAL INFORMATION

Financial Aid

Financial aid is available to Medaille students through a variety of sources. The Financial Aid Office provides information about the following topics: financial aid programs (eligibility requirements, selection procedures, and disbursement schedules), Satisfactory Academic Progress (SAP), rights and responsibilities of students receiving financial aid, loan repayment, terms and conditions of student employment, costs of attending Medaille, and the liability policy at Medaille. Students are encouraged to investigate the following funding sources when planning their college finances. Many financial aid options require that students maintain SAP in order to receive financial aid. Refer to the section in this Undergraduate Catalog entitled “Satisfactory Academic Progress” for more information. A complete list of scholarships and other aid is available here: [http://www.medaille.edu/admissions/financial-aid/scholarships-and-grants](http://www.medaille.edu/admissions/financial-aid/scholarships-and-grants).

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To calculate financial need, a student must first determine his/her family contribution by completing the Free Application for Federal Student Aid (FAFSA). The Family Contribution is then subtracted from the cost of attendance to determine financial need. Cost of Attendance – Family Contribution = Financial Need

**GRANTS AND SCHOLARSHIPS**

**Institutional Aid**
Medaille College offers grants and scholarships to full-time students. These need and merit dollars are gift aid that does not need to be repaid. A comprehensive list of institutional scholarships and awards are available here: [http://www.medaille.edu/admissions/financial-aid/scholarships-and-grants](http://www.medaille.edu/admissions/financial-aid/scholarships-and-grants).

**Federal Pell Grant**
A Federal Pell Grant is a need-based federal grant program designed to provide funds to students who are enrolled for at least 3 credits per semester. These grants are based on family income, assets, the number of family members in the household, the number in College, and the number of credits for which enrolled. Apply by submitting the [FAFSA](http://www.medaille.edu/admissions/financial-aid/scholarships-and-grants) (Free Application for Federal Student Aid). Students must maintain SAP to receive this award.

**Federal Supplemental Education Opportunity Grant (SEOG)**
A Federal Supplemental Education Opportunity Grant is a federal need-based grant which is awarded to students based on exceptional financial need. Priority for SEOG awards are given to Federal PELL Grants recipients. Award amounts range from $100-$4,000 per award year. Apply by submitting the [FAFSA](http://www.medaille.edu/admissions/financial-aid/scholarships-and-grants). Students must maintain SAP to receive this award.

**Teacher Education Assistance for College and Higher Education (TEACH) Grant**
The TEACH Grant is a federally funded program. This grant provides up to $4,000 a year to students who are completing coursework needed to begin a career in teaching. A student must sign an Agreement to Serve as a full-time teacher at certain low-income schools and within certain high-need fields for at least four years. Failure to complete the commitment will result in a conversion of the grant to a loan payable with interest. Apply by submitting the [FAFSA](http://www.medaille.edu/admissions/financial-aid/scholarships-and-grants). Students must maintain a 3.25 cumulative GPA and SAP to receive this award.

**NEW YORK STATE TUITION ASSISTANCE PROGRAM (TAP)**

New York State Tuition Assistance Program awards are based on New York State net taxable income. Students must be New York State residents and must be enrolled full-time. If eligible, students may qualify for up to eight semesters of TAP while pursuing a bachelor’s degree and six semesters of TAP in an associate degree or certificate program. Apply by submitting the [FAFSA](http://www.medaille.edu/admissions/financial-aid/scholarships-and-grants) and [TAP](http://www.medaille.edu/admissions/financial-aid/scholarships-and-grants) application. Students must maintain the requirements set by New York State outlined in the Satisfactory Academic Progress section below.
NEW YORK STATE AID FOR PART-TIME STUDY (APTS)

New York State Aid for Part–Time Study is a grant program funded by New York State. Awards range from $500 to $2,000 for students enrolled between 3 and 11 credits per semester. Eligibility is based on New York State net taxable income and the availability of funds. Apply by submitting the FAFSA and a separate APTS application (which must be accompanied by a New York State tax return), available from the Financial Aid Office. Students must maintain the requirements set by New York State in the Satisfactory Academic Progress section below.

NEW YORK STATE PART-TIME TAP PROGRAM

New York State Part-Time TAP Program is a state-funded program. This grant is for students who were first-time, full-time freshman in 2006-2007 academic year or thereafter. Students must earn 12 credits or more in each of the two consecutive semesters, for a minimum total of 24 credits earned. Recipients must be enrolled for 6-11 credits per semester. Apply by submitting the FAFSA and TAP application. Students must maintain SAP to receive this award.

ACCESS-VR (VOCATIONAL REHABILITATION)

Benefits are available for students with certain physical or emotional disabilities. Contact the Adult Career and Continuing Education Services-Vocational Rehabilitation here: http://www.acces.nysed.gov/vr.

FEDERAL WORK-STUDY (FWS) PROGRAM

The Federal Work-Study (FWS) Program allows students with financial need the opportunity to work in jobs on campus to earn part of their educational expenses. Students must be in good academic standing (2.0 GPA) to receive this award. FWS is awarded on a first-come, first-serve basis.

VETERANS TUITION AWARDS (VTA)

Veterans Tuition Awards are awards for full-time study and part-time study for eligible veterans matriculated at an undergraduate or graduate degree-granting institution or in an approved vocational training program in New York State.

Eligible students are those who are New York State residents discharged under honorable conditions from the U.S. Armed forces and who are:

- Persian Gulf Veterans who served in the Persian Gulf on or after August 2, 1990.
- Afghanistan Veterans who served in Afghanistan during hostilities on or after September 11, 2001.
Veterans of the armed forces of the United States who served in hostilities that occurred after February 28, 1961 as evidenced by receipt of an Armed Forces Expeditionary Medal, Navy Expeditionary Medal or a Marine Corps Expeditionary Medal.

These students must also:

- Establish eligibility by applying to HESC. – complete the New York State Veterans Tuition Award Supplement or contact HESC. Students must then apply for payment each year.
- Be New York State residents.
- Be US Citizens or eligible noncitizens.
- Be matriculated full- or part-time at an undergraduate or graduate degree-granting institution in New York State or in an approved vocational training program in New York State.
- Have applied for the Tuition Assistance Program for all undergraduate or graduate study.
- Have graduated from high school in the United States, earned a GED, or passed a federally approved “Ability to Benefit” test as defined by the Commissioner of the State Education Department.
- Be in good academic standing.
- Be charged at least $200 tuition per year.
- Not be in default on a student loan guaranteed by HESC or on any repayment of state awards.
- Students cannot receive duplicate benefits. Benefits for tuition cannot exceed tuition cost.

Yellow Ribbon Program
Medaille College has voluntarily entered into an agreement with the Veterans Administration (VA) to fund tuition expenses for veterans who exceed the highest public in-state undergraduate tuition rate. Since Medaille College has elected the maximum amount of benefits allowed under this program, students whose tuition is more than the new Post-9/11 GI Bill tuition cap may be covered by the Yellow Ribbon Program agreement between Medaille College and the VA. This will allow qualifying veterans to attend Medaille College without incurring expenses related to tuition or fees.

FEDERAL AID TO NATIVE AMERICANS

Federal Aid to Native Americans is a grant offered by the U.S. Bureau of Indian Affairs for college study. To be eligible, 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 two-year degree; and (4) demonstrate financial need.

An application is necessary for each year of study and must be accompanied by an official needs analysis from the Financial Aid Office. Each first-time applicant is required to submit tribal
enrollment certification from the bureau, agency, or tribe which records enrollment for the tribe. The student must make satisfactory progress towards a degree and show financial need for grants to be awarded in successive years. Applications from the Bureau of Indian Affairs are available here: [https://www.bia.gov/](https://www.bia.gov/).

New York State Aid to Native Americans is an entitlement program, with neither a qualifying examination nor a limit on the number of awards. Applicants must be (1) a resident of New York State; (2) on an official tribal roll of a New York State tribe or the child of an enrolled member of a New York State tribe; and (3) enrolled in an approved New York State postsecondary program. Applications are available from the Native American Education Unit, New York State Education Department, Albany, New York 12234. Additional information is available here: [http://www.p12.nysed.gov/natamer/studentaidinfo.html](http://www.p12.nysed.gov/natamer/studentaidinfo.html).

Specific tribes may also have educational benefits. Please contact the specific tribe for additional information.

**FEDERAL DIRECT STAFFORD LOANS**

Stafford loans are provided by the federal government to students who are enrolled at least half-time. There are two different types of Stafford Loans: Subsidized Stafford Loans and Unsubsidized Stafford Loans. Eligibility for a Subsidized Stafford Loan is based on financial need, and the federal government will pay the interest while students are enrolled at least half-time, during a grace period, or during deferment periods. Repayment begins six months after graduation, withdraw, or if a student drops below half-time status. The Unsubsidized Stafford Loan is not based on need, and individuals are responsible for paying the interest during all periods, starting from the date the loan is first disbursed. Interest can be deferred while in school, but it will be capitalized (added to the principal balance) at repayment, which begins six months after leaving school or dropping below half-time.

Students begin the application process for a Stafford Loan by completing the Free Application for Federal Student Aid (FAFSA). Upon receipt of award letter from the Financial Aid Office, and confirmation of the loan amount the student intends to borrow, the Financial Aid Office will complete the loan certification. First-time borrowers must complete Stafford Loan entrance counseling and sign a Stafford Loan Electronic Master Promissory Note (e-MPN). This can be done on the web site: [https://studentloans.gov/myDirectLoan/index.action](https://studentloans.gov/myDirectLoan/index.action). Students must maintain SAP to receive Stafford Loans.

**Annual and Aggregate Limits**

<table>
<thead>
<tr>
<th>Borrower Dependency Status and Grade Level</th>
<th>Subsidized Stafford Loans ($)</th>
<th>Total Subsidized and Unsubsidized Stafford Loans ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dependent Undergraduate Annual loan limits</td>
<td>3,500</td>
<td>5,500</td>
</tr>
</tbody>
</table>

[www.medaille.edu](http://www.medaille.edu)
DIRECT FEDERAL PARENT PLUS LOAN

This is a loan that parents can obtain to help pay the educational costs for their dependent undergraduate children. A biological or adoptive parent (and in some cases, a stepparent) who does not have an adverse credit history may borrow for a dependent undergraduate student who is enrolled at least half-time. The maximum amount a parent can borrow is the cost of attendance minus any other financial aid.

Generally, the first payment is due within 60 days after the final disbursement for the school year. However, the parent-borrower has the option of delaying repayment, and can request an in-school deferment or a six-month post enrollment deferment. During these periods, interest may be paid by the parent or it will be capitalized.

The application process begins for a Parent PLUS Loan by completing the Free Application for Federal Student Aid (FAFSA). Parents may go to https://studentloans.gov/myDirectLoan/index.action to apply. Students must maintain SAP for the parent to receive a PLUS Loan.

ALTERNATIVE LOANS

Alternative Loans are private, creditworthy loans that help bridge the gap between the cost of attendance and other financial aid that is awarded. A cosigner is generally required. The maximum annual amount is equal to the cost of attendance minus any other financial aid awarded.

While some lenders will allow to defer repayment until 6 months after graduation, interest is charged while in school. Eligibility criteria, loan limits, loan fees, deferment options, and repayment differ among the various lenders. Check with the individual lender for all loan terms and conditions.
STATE AID

The following charts explain eligibility for state financial aid (TAP, APTS). Standards of Satisfactory Academic Progress (SAP) must be evaluated after every semester for the purpose of determining eligibility.

Effective 2010-11 for non-remedial students receiving first NYS award payment in 2010-11 and thereafter.

Program: Baccalaureate Program

<table>
<thead>
<tr>
<th>Calendar: Semester 2010-11 and thereafter (non-remedial students)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before Being Certified for This Payment</td>
</tr>
<tr>
<td>1st</td>
</tr>
<tr>
<td>A Student Must Have Accrued at Least This Many Credits</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>With At Least This Grade Point Average</td>
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<tr>
<td>0</td>
</tr>
</tbody>
</table>

Programs: Associate Program

<table>
<thead>
<tr>
<th>Calendar: Semester 2010-11 and thereafter (non-remedial students)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before Being Certified for This Payment</td>
</tr>
<tr>
<td>1st</td>
</tr>
<tr>
<td>A Student Must Have Accrued at Least This Many Credits</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>With at Least This Grade Point Average</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

In addition, students must meet PROGRAM PURSUIT regulations which require that during the first two semesters of TAP, an individual must COMPLETE at least 6 credit hours per semester, at least 9 credits hours per semester for the 3rd and 4th semesters, and at least 12 credits for the 5th and all succeeding semesters.

For students in non-traditional undergraduate programs offered in standard terms students may receive a third payment of TAP in a calendar year which New York State refers to as an accelerated award payment. Along with meeting the criteria listed in the above charts, in order to receive an accelerated award payment a student must be enrolled in a full time semester after receiving TAP in the two previous full time semesters in a calendar year. The student must also have earned 24 credit hours in the prior two semesters in order to receive the accelerated TAP payment.

**Note: Transfer credits do not apply to the 24 credit hour requirement.**
FEDERAL AID

Standards of SAP for the purpose of determining eligibility for federal aid (PELL, FSEOG, FWS and Federal Direct Student Loans) is evaluated at the end of each semester. If it is determined that a student had not met SAP based on the criteria that Financial Aid will outline, he/she will have the opportunity to receive one semester of financial aid under a warning. Notification will go to all students that have not maintained SAP to their Medaille One account. An email will go out with the notification stipulating that the student has one semester to raise their GPA and or earned credit hours to the specified required level to maintain SAP. Once the warning semester has ended, the student’s SAP progress is evaluated again. Students, who meet SAP at the end of their warning semester, regain their financial aid eligibility. If the student did not meet SAP at the end of their warning semester, they will lose their federal financial aid eligibility and be placed on financial aid suspension until they do meet SAP. If the student loses their federal financial aid eligibility, they have the option to set up a payment plan with student accounts or apply for an alternative loan to help with out of pocket expenses until eligibility is regained.

**Note: Financial aid warning and academic warning are not one in the same. A student could be on financial aid suspension however still be eligible to attend Medaille without financial aid if they are meeting the required academic standards laid out by the Registrar’s Office.

Federal Chart

The following chart explains the requirements for eligibility for federal financial aid (PELL, FSEOG, FWS and Federal Stafford Loans). Students must successfully earn 66.7% of their overall attempted credit hours.

**Note: Financial aid must wait until all grades are complete with the registrar’s office for the semester under review before SAP can be reviewed. If a student has an incomplete course grade it is important to complete that coursework as soon as possible. Once a student has completed any incomplete coursework that results in a grade, a student should reach out to the Financial Aid Office. The Financial Aid Office will advise a student if they are meeting SAP.

<table>
<thead>
<tr>
<th>In order to receive aid for Semester</th>
<th>1st</th>
<th>2nd</th>
<th>3rd</th>
<th>4th</th>
<th>5th</th>
<th>6th</th>
<th>7th</th>
<th>8th</th>
<th>9th</th>
<th>10th</th>
<th>11th</th>
<th>12th</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumulative GPA</td>
<td>0.00</td>
<td>1.00</td>
<td>1.25</td>
<td>1.55</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
<td>2.00</td>
</tr>
</tbody>
</table>

PART- TIME REQUIREMENTS

Part-time requirements will be pro-rated based upon the number of credits carried. GPA requirements are the same. In addition, students must complete a program within 180 attempted credit hours. This is based on the attempted credits per semester.

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2018-2019 TUITION (FULL-TIME STATUS)

Undergraduate Programs - Buffalo campus
Part-time Tuition = $971 per credit hour
Full-time Tuition (12-18 credit hours) = $14,750 per semester, $29,500 per year

Undergraduate Room and Board - Buffalo campus
Double: $6,750 per semester, $13,500 per year
Single: $7,750 per semester, $15,500 per year

Rates are subject to change. Contact the Office of Admissions for more information on tuition. Contact Residence Life for more information about room & board.
2018-2019 TUITION

**Note: Prices effective starting with the Fall 2018 semester.**

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DOMESTIC U.S. CANADA INTERNATIONAL</th>
<th>ACTIVE DUTY MILITARY*</th>
<th>ON-CAMPUS Resource/Book Fee (per credit hour)</th>
<th>ONLINE TECHNOLOGY FEE (per online course)</th>
<th>ONE-TIME GRADUATION FEE **</th>
<th>CAMPUS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Associate's Programs</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Associate in Science in Business</td>
<td>$395.00</td>
<td>$250.00</td>
<td>$65.00</td>
<td>$65.00</td>
<td>$50.00</td>
<td>B/R/O</td>
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<tr>
<td>Associate in Science in General Studies</td>
<td>$395.00</td>
<td>$250.00</td>
<td>$65.00</td>
<td>$65.00</td>
<td>$50.00</td>
<td>B/O</td>
</tr>
<tr>
<td>Associate in Applied Science in Veterinary Technology</td>
<td>$395.00</td>
<td>$250.00</td>
<td>$65.00</td>
<td>$65.00</td>
<td>$50.00</td>
<td>R/O</td>
</tr>
<tr>
<td>Associate in Science in Business Administration - Fast Forward/Day</td>
<td>$395.00</td>
<td>$250.00</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
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<tr>
<td><strong>Bachelor's Programs</strong></td>
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<tr>
<td>Bachelor of Business Administration</td>
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<tr>
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<td>$65.00</td>
<td>$65.00</td>
<td>$50.00</td>
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</tr>
<tr>
<td>Bachelor of Professional Studies in Health Information Management</td>
<td>$671.00</td>
<td>$250.00</td>
<td>~</td>
<td>$65.00</td>
<td>$50.00</td>
<td>O</td>
</tr>
<tr>
<td>Bachelor of Science in Homeland Security</td>
<td>$671.00</td>
<td>$250.00</td>
<td>~</td>
<td>$65.00</td>
<td>$50.00</td>
<td>O</td>
</tr>
<tr>
<td>Bachelor of Science in General Studies</td>
<td>$671.00</td>
<td>$250.00</td>
<td>$65.00</td>
<td>$65.00</td>
<td>$50.00</td>
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<tr>
<td>Canadian Students - Master of Science in Adolescent Education</td>
<td>$764.00</td>
<td>n/a</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
<td>B</td>
</tr>
</tbody>
</table>

www.medaille.edu
<table>
<thead>
<tr>
<th>Program Description</th>
<th>Tuition</th>
<th>Discount Rate</th>
<th>Course Fee</th>
<th>Other Fees</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canadian Students - Master of Science in Elementary Education: Childhood</td>
<td>$764.00</td>
<td>n/a</td>
<td>~</td>
<td>~</td>
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<tr>
<td>Post-Baccalaureate Certification in Integrated Healthcare Delivery</td>
<td>$906.00</td>
<td>10% per cr hr</td>
<td>$110.00</td>
<td>~</td>
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</tr>
<tr>
<td>Master of Business Administration</td>
<td>$906.00</td>
<td>10% per cr hr</td>
<td>$110.00</td>
<td>$65.00</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Business Administration - Fast Forward/Day</td>
<td>$906.00</td>
<td>10% per cr hr</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Arts in Organizational Leadership</td>
<td>$906.00</td>
<td>10% per cr hr</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Science in Accounting</td>
<td>$955.00</td>
<td>10% per cr hr</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Arts in Clinical Mental Health Counseling</td>
<td>$955.00</td>
<td>10% per cr hr</td>
<td>~</td>
<td>$65.00</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Arts in Psychology</td>
<td>$955.00</td>
<td>10% per cr hr</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Arts in Marriage and Family Therapy</td>
<td>$955.00</td>
<td>10% per cr hr</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Science in Education, Elementary Education</td>
<td>$955.00</td>
<td>10% per cr hr</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Science in Education, Adolescent/Secondary Education</td>
<td>$955.00</td>
<td>10% per cr hr</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Science in Education, Literacy</td>
<td>$955.00</td>
<td>10% per cr hr</td>
<td>~</td>
<td>~</td>
<td>$50.00</td>
</tr>
<tr>
<td>Master of Science in Education, Students with Disabilities</td>
<td>$955.00</td>
<td>10% per cr hr</td>
<td>~</td>
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<td>$50.00</td>
</tr>
<tr>
<td>Doctorate Programs</td>
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<tr>
<td>Doctoral Program in Clinical Psychology (PsyD)</td>
<td>$1,257.00</td>
<td></td>
<td>$39.00</td>
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<td>$50.00</td>
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<tr>
<td>Advanced Graduate (Post Master) Certificates</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Advanced Certificate in Clinical Mental Health</td>
<td>$450.00</td>
<td></td>
<td>~</td>
<td>$65.00</td>
<td>$10.00</td>
</tr>
</tbody>
</table>
Counseling

<table>
<thead>
<tr>
<th>Program</th>
<th>Fee 1</th>
<th>Fee 2</th>
<th>Hours</th>
<th>Hours</th>
<th>Fee</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Certificate in Marriage and Family Therapy</td>
<td>$450.00</td>
<td>$450.00</td>
<td>~</td>
<td>~</td>
<td>$10.00</td>
<td>B</td>
</tr>
<tr>
<td>Post-Master's Advanced Certificate in Literacy</td>
<td>$955.00</td>
<td>$955.00</td>
<td>~</td>
<td>~</td>
<td>$10.00</td>
<td>B</td>
</tr>
<tr>
<td>Post-Master’s Advanced Certificate in Students with Disabilities</td>
<td>$955.00</td>
<td>$955.00</td>
<td>~</td>
<td>~</td>
<td>$10.00</td>
<td>B</td>
</tr>
</tbody>
</table>

* Active Duty Military status required for tuition discount. See [http://www.medaille.edu/admissions/veterans-military](http://www.medaille.edu/admissions/veterans-military) for details.

** One time graduation fee of $50 is charged to the student account upon application for graduation. Rates are subject to change.

### Census

The census date is set by the college and typically marks the end of the drop/add period. On this day, the college takes a "snapshot" of all students' enrollment which becomes the "official enrollment" that is used for state reporting.

#### 2018-2019 ACADEMIC YEAR CENSUS DATES

<table>
<thead>
<tr>
<th>Semester</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2018</td>
<td>October 1, 2018</td>
</tr>
<tr>
<td>Spring 2019</td>
<td>February 1, 2019</td>
</tr>
</tbody>
</table>

#### 2018-2019 STANDARD ALLOWANCE

Medaille College estimates the 2018-2019 standard allowance as follows. The standard allowance changes annually. Please contact Admissions or Financial Aid for updated figures.

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Books/Supplies</td>
<td>$1100</td>
</tr>
<tr>
<td>Personal Expenses</td>
<td>$1100</td>
</tr>
<tr>
<td>Transportation</td>
<td>$2000</td>
</tr>
<tr>
<td>Total</td>
<td>$4200</td>
</tr>
</tbody>
</table>

### EXPLANATION OF EDUCATION EXPENSES

**Acceptance Deposit:** confirms the student’s enrollment and reserves his/her place in the College and is refundable if requested before May 1 of the application year. This $100 fee is applied toward the first tuition payment. The housing/damage deposit of $100 reserves on-

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campus housing and is a retainer for possible damages incurred. Refunds of this fee are at the discretion of the Director of Residence Life.

**Application Processing:** covers the cost of processing a student’s application for admission to the College.

**Assessments Required by Special Courses:** some courses incur additional charges. These charges are assessed only to the participating student.

**Certificate Fee:** fee charged by New York State for award of the education teaching certificate. These charges are assessed only to the participating student.

**Graduation:** covers a portion of programs, diplomas, and other related expenses.

**Student Association Fee:** fee charged to all undergraduate students to help support the programming activities sponsored by the Student Government Association.

**Transcript Charge:** covers materials and postage required to produce and send the student’s transcript as requested by the student.

**Tuition:** covers cost of academic, student, and administrative services and fees, unless otherwise stated.

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**TUITION PAYMENT POLICY**

The Student Accounts Office is responsible for the billing and the collection of tuition and fees. Tuition and fees are due and payable on or before the first scheduled day of classes each semester. Satisfactory payment arrangements must be established with the Student Accounts Office by the first day of class to avoid a $150 late fee.

**Payment Methods**
- Pay with cash, check, money order, Master Card, Visa, Discover Card or American Express.
- Complete Financial Aid - have all financial aid in place by the start of school.
- Enroll in Payment Plan – see below.
- Employer Tuition Reimbursement – see below.

A combination of payment arrangements may be utilized. Please be advised that prior semester balances cannot be carried over to the next semester and will prohibit a student from registering for the next semester, receiving his/her grades, transcripts or diploma.

**Payment Plan**

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• The payment plan is offered for the fall and spring semesters only.
• An individual must re-enroll each new semester.
• A $40 enrollment fee due each semester at sign-up.
• To calculate the Budget Amount of the payment plan, the individual must look at the tuition bill, calculate total charges less total aid and this is the Budget Amount. If assistance with the proper budget amount is needed, contact the Student Accounts office.
• There are 5 payments due:
  • Fall semester due dates are the 1st of each month August through December.
  • Spring semester due dates are the 5th of each month January through May.
• An individual can enroll after the first due date or up to one week after the second due date in a semester, but must make payment for past due dates at enrollment.
• Student should note there is a $35 late fee for late payments.

**Enrollment into Payment Plan**

• Individuals must log into MedailleOne with their appropriate Medaille user name and password.
• If assistance with login is needed, contact the IT Helpdesk at 716-880-2282 or helpdesk@medaille.edu
• Individuals should select the “Student” tab, then select “Review eBill”, this is the home page for the student account information.
• Individuals should select the “Payment Plans” box
• Next, select Term, then select “Select”
• On the far right, click on the “Details” box and the plan details will come up, then select “Select”
• Individuals should type in the Budget Amount in the “Charge(s)” box for tuition (no commas), hit tab, then click “Update Schedule” (Need help with your budget? Contact Student Accounts office.)
• The payment schedule comes up with Installment Due dates and amounts.
• At the bottom of the page, an individual can select whether they want to Set up Automatic Payments or not by clicking “Yes” or “No”.
• When done with this page, select “Continue”
• Next, it will ask for payment information, answer each question as it comes up. The individual can also choose to save payment options. When done click “Continue”.
• The “Payment Plan Agreement” page comes up, read through the information and at the bottom select “I Agree” in the box and then select “Continue”.
• The Payment Receipt page comes up, the individual can print for their records.
• Once done with enrollment the individual will note the $40 Payment Plan Enrollment Fee charged to the tuition bill and the $40 payment for the fee on the bill.
Making Payments on Payment Plan

- When making payments each month, (if not on automatic payments), log into MedailleOne, click “Student” tab, click “Review eBill” tab and click “Payment Plans” tab.
- Be sure to always select “Pay Next Installment”. This will properly record the payment for the next installment due.
- Individuals can also contact the Student Accounts office to make the payment. The Student Accounts office will record that installment payment was made on the individual’s plan.
- An individual can pay off the plan early, with the Student Accounts office, with no penalty.

Recalculating Budget after Enrollment
Contact the Student Accounts Office for assistance

EMPLOYER TUITION REIMBURSEMENT

A student receiving employer tuition reimbursement is required to provide the College with their employer’s reimbursement policy prior to the first scheduled day of classes. Assuming the necessary documentation has been received; Medaille College will recognize the employer’s tuition payment policy and defer receipt of tuition and/or fees accordingly. Future semester deferments are only available to students who fulfill their payment obligations in accordance with the employer reimbursement plan.

PAYMENT POLICY RECAP

Students owing a balance, or whose financial aid has not been completed and are not enrolled on a payment plan, will be expected to pay the balance of their tuition for the semester in full (minus any financial aid) by the first day of class. Students who fail to make their payment by the first day of class will be assessed a $150 late fee. Please do not hesitate to contact the Medaille College Student Accounts Office at (716) 880-2235, 880-2271 or 880-2309, with any questions regarding this payment policy.

**Note: Students who have financial holds will not be allowed to register for the next term/semester.

2018-2019 TUITION LIABILITY SCHEDULE

Tuition liability adjustment will be made only in the case of a withdrawal from the College. A Withdrawal Form must be completed either in person at the Registrar’s Office or Student Services or contact them for information on how to properly drop/withdraw. The amount of any adjustment will be determined using the date of filing and the appropriate schedule below. An alternate schedule may apply in the case of Federal financial aid recipients.

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**Note: No adjustment will be made in the case of an unauthorized withdrawal.**

NON-TERM RELATED TUITION LIABILITY SCHEDULES

**AAS-VET Rochester Students**
Students are 25% financially liable for tuition during the first night/week of class and 100% financially liable for tuition at the start of the second night/week of class. If a student decides to drop a class for any reason, please do not attend class, and be sure to notify the Program Director and Registrar Office prior to the first day of class.

**GEICO Students**
Students are 25% financially liable for tuition during the first night/week of class and 100% financially liable for tuition at the start of the second night/week of class. If a student decides to drop a class for any reason, please do not attend class, and be sure to notify the Program Director and Registrar’s Office prior to the first day of class.

2018-2019 LIABILITY SCHEDULES

<table>
<thead>
<tr>
<th>Fall 2018 Liability Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Full Semester Day Classes:</strong> August 27, 2018 – December 10, 2018</td>
</tr>
<tr>
<td>- 40% liability begins 8 a.m. September 5, 2018</td>
</tr>
<tr>
<td>- 60% liability begins 8 a.m. September 12, 2018</td>
</tr>
<tr>
<td>- 80% liability begins 8 a.m. September 19, 2018</td>
</tr>
<tr>
<td>- 100% liability begins 8 a.m. September 25, 2018</td>
</tr>
</tbody>
</table>

| Full Semester Evening Classes: August 27, 2018 – December 10, 2018 |
| - 40% liability begins 8 a.m. September 5, 2018 |
| - 60% liability begins 8 a.m. September 12, 2018 |
| - 80% liability begins 8 a.m. September 19, 2018 |
| - 100% liability begins 8 a.m. September 25, 2018 |

<p>| Online Full Semester Classes: August 27, 2018 – December 11, 2018 |
| - 40% liability begins 8 a.m. September 5, 2018 |
| - 60% liability begins 8 a.m. September 12, 2018 |
| - 80% liability begins 8 a.m. September 19, 2018 |
| - 100% liability begins 8 a.m. September 25, 2018 |</p>
<table>
<thead>
<tr>
<th>Course Type</th>
<th>Session Dates</th>
<th>Liability Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Evening Classes – Session 1</strong></td>
<td>August 27, 2018 – October 14, 2018</td>
<td>100% liability begins 8 a.m. September 5, 2018</td>
</tr>
<tr>
<td><strong>Online Classes – Session 1</strong></td>
<td>August 27, 2018 – October 16, 2018</td>
<td>100% liability begins 8 a.m. September 5, 2018</td>
</tr>
<tr>
<td><strong>Evening Classes – Session 2</strong></td>
<td>October 22, 2018 – December 16, 2018</td>
<td>100% liability begins 8 a.m. October 30, 2018</td>
</tr>
<tr>
<td><strong>Online Classes – Session 2</strong></td>
<td>October 22, 2018 – December 18, 2018</td>
<td>100% liability begins 8 a.m. October 30, 2018</td>
</tr>
</tbody>
</table>
| **US & Canadian Education Program** – Monday/Tuesday Session | September 10, 2018 – December 11, 2018 | 40% liability begins 8 a.m. September 18, 2018  
|                                    |                                                 | 60% liability begins 8 a.m. September 25, 2018      |
|                                    |                                                 | 80% liability begins 8 a.m. October 2, 2018         |
|                                    |                                                 | 100% liability begins 8 a.m. October 9, 2018        |
| **US & Canadian Education Program** – Saturday/Sunday Session | September 8, 2018 – December 2, 2018  | 40% liability begins 8 a.m. September 18, 2018  
<p>|                                    |                                                 | 60% liability begins 8 a.m. September 25, 2018      |
|                                    |                                                 | 80% liability begins 8 a.m. October 2, 2018         |
|                                    |                                                 | 100% liability begins 8 a.m. October 9, 2018        |</p>
<table>
<thead>
<tr>
<th>Liability Schedule</th>
<th>Dates</th>
<th>Percentage Liability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spring 2019</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Full Semester Day Classes:</strong> January 22, 2019 – May 9, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 40% liability begins 8 a.m. January 29, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 60% liability begins 8 a.m. February 5, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 80% liability begins 8 a.m. February 12, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 100% liability begins 8 a.m. February 19, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Full Semester Evening Classes:</strong> January 22, 2019 – May 9, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 40% liability begins 8 a.m. January 29, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 60% liability begins 8 a.m. February 5, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 80% liability begins 8 a.m. February 12, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 100% liability begins 8 a.m. February 19, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Online Full Semester:</strong> January 15, 2019 – May 6, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 40% liability begins 8 a.m. January 29, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 60% liability begins 8 a.m. February 5, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 80% liability begins 8 a.m. February 12, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 100% liability begins 8 a.m. February 19, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Evening Classes – Session III:</strong> January 22, 2019 – March 10, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 100% liability begins 8 a.m. January 29, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Online - Session III:</strong> January 22, 2019 – March 10, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 100% liability begins 8 a.m. January 29, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Evening Classes - Session IV:</strong> March 18, 2019 – May 9, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 100% liability begins 8 a.m. March 23, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Online Classes – Session IV (Monday – Sunday):</strong> March 18, 2019 – May 9, 2019</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 100% liability begins 8 a.m. March 23, 2019</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### US & Canadian Education Program – Monday/Tuesday Session: January 28, 2019 – May 7, 2019
- 40% liability begins 8 a.m. February 2, 2019
- 60% liability begins 8 a.m. February 9, 2019
- 80% liability begins 8 a.m. February 16, 2019
- 100% liability begins 8 a.m. February 23, 2019

### US & Canadian Education Program – Saturday/Sunday Session: January 26, 2019 – April 28, 2019
- 40% liability begins 8 a.m. February 9, 2019
- 60% liability begins 8 a.m. February 16, 2019
- 80% liability begins 8 a.m. February 23, 2019
- 100% liability begins 8 a.m. March 2, 2019

### Summer 2019 Liability Schedule

#### Day Session I Classes:  May 20, 2019 – July 11, 2019
- 100% liability begins 8 a.m. May 25, 2019

#### Day Session II Classes:  July 15, 2019 – August 29, 2019
- 100% liability begins 8 a.m. July 20, 2019

#### Full Semester Day Classes:  May 20, 2019 – August 29, 2019
- 40% liability begins 8 a.m. May 25, 2019
- 60% liability begins 8 a.m. June 1, 2019
- 80% liability begins 8 a.m. June 8, 2019
- 100% liability begins 8 a.m. June 15, 2019

#### Full Semester Evening Classes:  May 20, 2019 – August 29, 2019
- 40% liability begins 8 a.m. May 25, 2019
- 60% liability begins 8 a.m. June 1, 2019
- 80% liability begins 8 a.m. June 8, 2019
- 100% liability begins 8 a.m. June 15, 2019
Online Full Semester Classes: May 20, 2019 – August 29, 2019
All Online Programs
- 40% liability begins 8 a.m. May 25, 2019
- 60% liability begins 8 a.m. June 1, 2019
- 80% liability begins 8 a.m. June 8, 2019
- 100% liability begins 8 a.m. June 15, 2019

Evening Session I Classes: May 20, 2019 – July 11, 2019
- 100% liability begins 8 a.m. May 25, 2019

Online Session I Classes: May 20, 2019 – July 11, 2019
- 100% liability begins 8 a.m. May 25, 2019

Evening Session II Classes: July 15, 2019 – August 29, 2019
- 100% liability begins 8 a.m. July 20, 2019

Online Session II Classes: July 15, 2019 – August 29, 2019
- 100% liability begins 8 a.m. July 20, 2019

U.S. & Canadian Education Program – Monday/Tuesday Session: June 3, 2019 – August 13, 2019
- 100% liability begins 8 a.m. June 8, 2019

U.S. & Canadian Education Program – Saturday/Sunday Session: June 1, 2019 – August 11, 2019
- 100% liability begins 8 a.m. June 8, 2019

COURSE FEES

The College reserves the right to change established fees and assessments, and to determine the effective date of such changes without prior notice. Please contact the Student Accounts Office for the most up-to-date information.

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 260 Basic Photography</td>
<td>$30</td>
<td>CS</td>
</tr>
<tr>
<td>ART 360 Photography and Perception: A Way of Seeing</td>
<td>$30</td>
<td>CS</td>
</tr>
<tr>
<td>ART 460 Photography: Alternative Processes</td>
<td>$30</td>
<td>CS</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Fee</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 498</td>
<td>Ind. Study (Photography designate only)</td>
<td>$30</td>
<td>CS</td>
</tr>
<tr>
<td>BIO 101</td>
<td>Biology</td>
<td>$40</td>
<td>CGS/DM/EMR</td>
</tr>
<tr>
<td>BIO 120</td>
<td>Botany</td>
<td>$40</td>
<td>CGS/DM/EMR</td>
</tr>
<tr>
<td>BIO 160</td>
<td>Hum. Anatomy and Physiology I</td>
<td>$40</td>
<td>CGS/DM/EMR</td>
</tr>
<tr>
<td>BIO 161</td>
<td>Hum. Anatomy and Physiology II</td>
<td>$40</td>
<td>CGS/DM/EMR</td>
</tr>
<tr>
<td>BIO 170</td>
<td>Comp. Anatomy and Physiology I</td>
<td>$85</td>
<td>CGS/DM/EMR</td>
</tr>
<tr>
<td>BIO 171</td>
<td>Comp. Anatomy and Physiology II</td>
<td>$85</td>
<td>CGS/DM/EMR</td>
</tr>
<tr>
<td>BIO 172E</td>
<td>Comparative Anatomy and Physiology for Veterinary Science</td>
<td>$1250</td>
<td>DM, RV</td>
</tr>
<tr>
<td>BIO 172X</td>
<td>Comparative Anatomy and Physiology for Veterinary Science <strong>Note: $1025 (Spring 2018 and on)</strong></td>
<td>$950 *</td>
<td>DM, RV</td>
</tr>
<tr>
<td>BIO 200</td>
<td>Microbiology</td>
<td>$40</td>
<td>CGS/DM/EMR</td>
</tr>
<tr>
<td>BIO 320</td>
<td>Ecology</td>
<td>$40</td>
<td>CGS/DM/EMR</td>
</tr>
<tr>
<td>BIO 421</td>
<td>Ichthyology</td>
<td>$40</td>
<td>CGS/DM</td>
</tr>
<tr>
<td>BIO 422</td>
<td>Herpetology</td>
<td>$40</td>
<td>CGS/DM</td>
</tr>
<tr>
<td>BIO 423</td>
<td>Ornithology</td>
<td>$40</td>
<td>CGS/DM</td>
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<tr>
<td>BIO 424</td>
<td>Mammalogy</td>
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<tr>
<td>CHE 145</td>
<td>Chem. for the Health Sciences</td>
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<tr>
<td>CHE 200</td>
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<td>CHE 400</td>
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<td>GEN 131</td>
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<td>VET 100</td>
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<td>VET 120</td>
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<td>VET 180</td>
<td>Care and Management of Exotic and Laboratory Animals</td>
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<td>VET 202 Sm. Animal Diseases and Nutrition</td>
<td>$1250</td>
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<td>VET 204 Vet. Clinical Lab Tech.</td>
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<td>VET 205 Veterinary Clinical Laboratory Techniques</td>
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<td>VET 206 Handling and Care of Exotics</td>
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<td>VET 208 Veterinary Diagnostic Imaging</td>
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<td>VET 222 Farm Animal Restraint, Diseases and Nutrition</td>
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<td>VET 251 Clinical Case Study 1: Wellness and Preventative Medicine</td>
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<tr>
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<tr>
<td>VET 255 Clinical Case Study 5: Reproduction, Urogenital and Endocrinology</td>
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<tr>
<td>VET 275 Veterinary Service Learning: Heifer International</td>
<td>$350</td>
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<td>VET 301 Dental Radiography</td>
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<td>VET 320 Advanced Laboratory Animal Science</td>
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<tr>
<td>VET 376 Veterinary Service Learning: Heifer International</td>
<td>$350</td>
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Key for fees:
CGS = Chemicals, glass, and other supplies
MI = Malpractice insurance coverage
CS = Chemicals and/or supplies
RCC = Red Cross Certificate
RV = Rabies vaccination
DM = Disposable materials used during course
ST = Saddle time
EMR = Equipment maintenance and repair
T = Tickets for required performances

**Department of Education Course Fees**

<table>
<thead>
<tr>
<th>edTPA Fees</th>
<th>Course</th>
<th>Program</th>
<th>Fee</th>
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<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>
EDU 478 C: Student Teaching | BSED Birth-6 | $150 | MESIMS
EDU 478 E: Student Teaching | BSED Birth-6 | $150 | MESIMS
EDU 480 A: Student Teaching | BSED Adolescent Education with SWD | $150 | MESIMS
EDU 480 S: Student Teaching | BSED Adolescent Education with SWD | $150 | MESIMS
LiveText Fee with FEM [New and transfer students] | BSED | $115

**Student Acknowledgment**

**REGISTRATION**

When a student registers, it is understood that he or she will pay in full all charges assumed on the due date, first day of class. Failure to attend classes does not alter the charges or entitle the student to a tuition refund. Students will not be permitted to receive grades, transcripts, or diploma unless the student account is paid in full.

**OVERPAYMENT**

Credit balances on the student account, due to excess Title IV Federal Financial Aid funds, will be refunded to the student within 14 business days of the student account becoming a credit balance.

**TUITION WAIVER REVIEW COMMITTEE (FOR MEDICAL WAIVERS)**

A drop of current semester tuition and fee charges may be requested through the Bursar to the Tuition Waiver Review Committee. This is conditional on the fact that continued attendance by the student is made impossible by reasons of serious illness which, in the opinion of the committee, are clearly beyond the control of the student. The student must indicate the courses to be dropped for the current semester and carefully explain his or her reasons, as well as providing a doctor's note explaining the illness and dates of the illness. The student will be notified this is done on a one-time basis.

**RETURN OF TITLE IV FUNDS POLICY**

**Official/Unofficial Withdrawals:**

If a student is receiving federal student aid (Title IV aid) and completely withdraws (all “W” grades) or receive all non-passing grades (“F”, “W”) from a course(s) during a semester, federal regulations require schools to return any “unearned” Title IV aid for the period. Instructors will submit a Last Date of Attendance (LDA) or a Last Date of an Academically Related Activity (ARA) to the Registrar’s Office with any “F” grade to determine if the “F” is earned. If the “F” is considered to be earned, then no Title IV aid will need to be returned.

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In order to earn 100% of the federal student aid, the student must earn at least one passing grade and/or attend through 60% of the academic period in at least one course. If the student fails to earn a passing grade, but attended or had an academically-related activity through 60% of the period, the Registrar’s office will verify the last date of attendance with the course instructor(s).

The following are examples of approved academically-related activities:
- Examinations, quizzes, tutorials or lectures
- Computer-assisted instruction
- Completing an academic assignment, paper, or project

In accordance with federal rules, participating in academic counseling or advisement, or logging into an online class without active participation will not be considered an academically-related activity.

The percentage of aid the student has earned is calculated using the student’s withdrawal date to determine the percentage of the period completed. For students withdrawing from all courses, the date of withdrawal is the date the student completely withdrew from all courses.

**Withdrawal Process:**
A student must submit notification of intention to withdraw from the College. The [College Withdrawal](#) form is available in the Registrar’s Office and the Advisement Center. This form must be completed and returned to the Registrar’s Office. Failure to provide notice of an official Withdrawal form means the student will be liable for tuition and fees originally incurred (see “Liability Policy”).

A student will receive “W” if the Withdrawal form is submitted to the Registrar’s Office by the Withdrawal deadline listed in the [Academic Calendar](#). Any student who officially withdraws from the College must reapply through the Admissions Office and is subject to all program requirements and policies in effect at the time of re-admittance.

**Unearned Aid**
Any unearned aid must be returned to the federal student aid programs in the following order:

- Direct Unsubsidized Stafford Loan
- Direct Subsidized Stafford Loan
- Direct PLUS Loan (Parent or Graduate/Prof Student)
- Federal Pell Grant
- Federal SEOG
- TEACH Grant
If it is determined that there is unearned aid, then the school must return the unearned funds. Medaille College will bill the individual for any account balance created if required to return financial aid.
PROGRAMS OF STUDY

Dialogues⁶: The Medaille Undergraduate General Education Core

Medaille’s Dialogues Core is a general education curriculum that provides a foundation for students’ liberal arts education while exposing students to a diversity of perspectives. The cornerstone concept of the core is Plato’s notion of “dialogue”, that reasoning and truth are achieved through conversations that look at the subjects of inquiry from multiple perspectives and challenge thinking. With this in mind, the Dialogues Core is an outcomes-based curriculum that aims to cultivate a rigorous and engaging academic life at Medaille that offers students choice and flexibility. Developed to provide students with a comprehensive liberal arts background, the Dialogues Core provides students with an education that incorporates multi-disciplinary ways of thinking so that they will graduate with a broad understanding of the world in which they live. In this way, the Dialogues Core prepares students to be active citizens in the twenty-first century.

In the Dialogues Core, students take a series of six courses (18 credits) over the course of their four years, all with clear learning objectives tied directly to the Essential College-Wide Learning Outcomes.

Critical Dialogues: All students take a common first-year seminar, INT 110 Introduction to Dialogues in Critical Thinking, where they will be introduced to Plato’s concept of “dialogue” and the fundamentals of critical thinking. Students will learn the most important academic skills required for success in college, and also for open-minded and reflective inquiry, substantial understanding, and informed judgment. This course includes critical thinking and information literacy as learning outcomes.

American Dialogues: Students choose from a variety of courses that focus on American values and institutions that explore issues of diversity in American and apply ethical reasoning to social problems. Courses satisfying this requirement include cultural literacy, ethical reasoning, critical thinking and written literacy as learning outcomes.

Sustainability Dialogues: Students choose from a variety of courses that focus on the issues of sustainability at the micro and/or macro level, and at the individual and/or the communal level. Students learn the scientific method, and also learn to apply ethical reasoning to

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⁶ Medaille College was inspired to use “Dialogues” as a central concept for its general education core based on the Dialogues general education core developed by Lynn University, for which it has been nationally recognized: https://www.insidehighered.com/news/2011/02/02/florida_college_boosts_learning_by_returning_to_core_liberal_arts_curriculum
scientific issues. Courses satisfying this requirement include ethical reasoning, scientific reasoning, and quantitative reasoning as learning outcomes.

Creative and Reflective Dialogues: Students choose from a variety of courses that will expose them to a particular creative art form and demonstrate how that art form reflects larger social issues. Students will gain an appreciation of the art form, and also practice the art form themselves. In this way, students will reflect on what they learned in previous courses in a creative way. Courses satisfying this requirement include ethical reasoning, cultural literacy, and critical thinking as learning outcomes.

Global Dialogues: Students choose from a variety of upper-level writing intensive courses where students learn about the world outside of the United States. Courses satisfying this requirement include written literacy, ethical reasoning, cultural literacy, information literacy, and critical thinking as learning outcomes.

Citizenship Dialogues: Students enroll in INT 450 Capstone in Citizenship where they will draw from their own major to develop a capstone research project that addresses a real world-problem of the student’s choice. Psychology majors are encouraged, as an alternative, to choose the capstone in their major, PSY 411 Psychology Capstone. English majors with a creative writing concentration also have the option of doing a directed study creative project. All students, in addition, have the option of working individually with a faculty member on a capstone research project as a directed study so long as the student has the approval of the faculty member they want to work with, and have a project proposal approved by the instructor prior to registering for the directed study. No matter what option students choose, their capstone project is expected to satisfy the written literacy, information literacy, critical thinking, and oral communication learning outcomes.

Complementing the Dialogues Core, as part of their general education requirement, students also take one speech course (3 credits), two English composition courses (6 credits), and two mathematics courses (6 credits), as outlined below:

ENG 110 College Writing  
ENG 200 Advanced College Writing  
MAT 114 Intermediate Algebra; or MAT 115 Pre-Calculus  
MAT 201 Statistics and Society; or BIO 301 Epidemiology and Biostatistics; or MAT 216 Survey of Introductory Calculus  
SPE 130 Fundamentals of Public Speaking

EQUIP: Building a Civic and Sustainable Future

At Medaille College, undergraduate learning is hands-on and connected with the community. Through EQUIP, the faculty work directly with students to link classroom learning with real-world problem-solving—right from the first semester. EQUIP encourages early and continuous
career exploration through experiential learning and internships. In each undergraduate program, students are able to get out of the classroom to apply their learning through teamwork, projects, and service in local organizations.

In year 1, students **EXPLORE** their community and **QUESTION** their role in it. First-year book programming and community-based learning activities provide an experiential basis to students’ learning in the freshmen year that both enhances their ability to achieve essential twenty-first century learning outcomes and empowers them to contribute to the vital lifelong work of building a civic and sustainable future.

In year two, students **UNDERSTAND** their major as courses within their academic discipline begin to connect with community issues; at this point, students also begin to explore career options related to their major.

Year three at Medaille typically involves internships, field experiences, and more in-depth community-based learning projects as students build their networks and gain the skills that will empower them for career success.

As seniors, students are expected to **PRODUCE** new knowledge in a capstone course, enabling them to apply learning to solve real-world problems and create original projects that have the potential to make a difference in the community.

**LEARNING COMMUNITIES**

Learning communities co-enroll small groups of students in two or more courses with mutually reinforcing themes and assignments. They are designed to give students “opportunities for deeper understanding and integration of the material they are learning, and more interaction with one another and their teachers as fellow participants in the learning enterprise” (Gabelnick et al., 1990). National research studies, as well as Medaille College’s own experience with learning communities, show that the active, participatory team environment that learning communities promote make learning easier and more rewarding.

All new freshmen at the Buffalo Campus participate in first-year learning communities. While learning communities are used in other contexts at Medaille College, they are embedded in the first-year undergraduate experience because they help students develop the knowledge, skills, and attitudes that are foundational for success in college. Some of the benefits of learning communities include:

**Coordination**

While each course is different, professors coordinate activities and assignments. Sometimes, topics will run parallel in several courses. At other times, the skills learned in one course will come in handy in another. A wealth of national research literature demonstrates that the curricular integration offered through learning communities helps students develop a deeper understanding of coursework and engage more actively in their education.

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Connection
The learning community design allows students to connect with professors, fellow students, and essential College support services more easily and quickly. Freshmen in learning communities report that they are able to begin to form strong friendships and support networks right from their first day of College.

Cooperation
Learning communities foster active, collaborative learning. Students actually learn better when they talk with friends about what they are doing in their courses and when they have ready access to faculty and campus resources. Cooperation and teamwork make learning easier, and they are hallmarks of the learning community experience.

In addition to promoting the benefits that are being realized by campuses across the nation, first-year learning communities at Medaille College include special features that not only enrich classroom learning but also extend student learning beyond the classroom. Themes are carefully connected to larger issues in the local, regional, and global communities, and Community 101 projects featured in the first-year learning communities move students outside the classroom to engage in real-world problem solving. Additionally, students have several opportunities to participate in co-curricular activities that are explicitly linked to the themes of the courses and the community-based projects on which they are working. For more information about learning communities at Medaille College, please contact the Office of Academic Affairs at 880-2241.
**Academic Programs**

**ACCOUNTING**

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
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<tbody>
<tr>
<td>B.S. or M.S.</td>
<td>120 (B.S.) or 150 (B.S./M.S.)</td>
</tr>
</tbody>
</table>

**Program Description**

The goal of Medaille College’s Accounting curriculum is to prepare students for successful careers in public or private accounting. To that end, Medaille College has combined four-year, 120 credit-hour undergraduate degree (B.S. in Accounting) with an additional one-year 30-credit hour sequence of graduate courses (M.S. in Accounting) to meet New York State’s Education Department’s requirements for students to sit for the C.P.A. exam. At the completion of the program, students will be graduating with a Bachelor’s degree as well as a Master’s degree in Accounting. The program provides the student with the practical, as well as the theoretical knowledge and learning experiences required to be successful in the accounting profession.

As part of the major requirements each student takes courses in management, marketing, finance, business law and management information systems. The field experience requirement gives students the opportunity for “hands-on” experience applying what has been learned in the classroom to real business situations. Students frequently receive job offers through these internships. Credits for work/life experience can also be earned by students who have had appropriate previous experience in related areas. Additionally, the program is designed to allow students to develop their professional communication skills, which are essential in the accounting profession. The liberal arts and sciences portion of the degree provides those necessary skills as well as a solid foundation in the humanities, social sciences, mathematics and science.

All Accounting majors should complete 100-level business courses, ENG 110/ENG 112, ENG 200/ENG 202, SPE 130, ECO 200, and ECO 201 during their first two years at Medaille College. Majors in this program may not take any business course Pass/Fail. A 2.0 cumulative grade point average (GPA) is required of all Accounting majors in their core and elective business courses to graduate.

Students admitted to the program must maintain at least a 3.0 College GPA in order to continue in the program in good standing. Students enrolled in the program who fail to maintain a 3.0 average through their first four years will be ineligible to proceed with the fifth year of the program and will instead be awarded the degree of B.S. in Accounting.

**Program Goals**

**Student Success Goal:** The program seeks to enhance student understanding of career related fields, improve the retention rate of its students, increase the quality and quantity of network

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opportunities, and continuously improve the curricula that develops the knowledge, skills, and values of its graduates so that students are prepared for productive careers in a global economy.

**Academic Program Goal:** The program will expand its academic program array, enhance its delivery methods, and continuously improve the curriculum so that students can select from a variety of quality programs that prepare them for the global work environment.

**Faculty Involvement Goal:** The program will innovatively increase its support for faculty and staff in order to attract, develop, and retain talented faculty/staff who continuously improve the quality of teaching, advising, research, and service.

**Community Engagement Goal:** The program focuses on both the success of every student and on the difference that each can make in building a better community and serving the common good. The intent of these strategic initiatives are to help students learn beyond the classroom and to give students the inspiration that can help turn individual and communal aspirations into realities.

**Accounting Bridge Program – CPA TRACK**
This non-degree program provides the necessary undergraduate courses and training for individuals interested in becoming a Certified Public Accountant (CPA). Designed for students who already have an undergraduate business degree, this program facilitates entry into Medaille's Master of Science in Accounting program, allowing them to complete all educational component requirements that will allow them to sit for the CPA exam.

**Specific courses include:**

ACC 300 Income Tax Accounting  
ACC 305 Cost Accounting  
ACC 350 Intermediate Accounting I  
ACC 351 Intermediate Accounting II  
ACC 410 Advanced Accounting  
ACC 430 Auditing

The Bridge program is available for both day and evening students. Upon completion of the Bridge program students will receive a Medaille College Certificate for the completion of the 18 credit hours. Contact the Director of Undergraduate Programs for more information.

**Credit Distribution**

**General Education Core (30 credits)**

<table>
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<th>Course</th>
<th>Credits</th>
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<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
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<tr>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)</td>
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**Critical Dialogues Course:** INT 110 Critical Dialogues (3) [Required of first-year students; all...
[other students must substitute a 300/400 level Liberal Arts and Sciences elective]

**American Dialogues Course:** GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)

**Creative and Reflective Dialogues Course:** ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)

**Sustainability Dialogues Course:** GEN 240 Scientific Discovery (3), Courses TBA

**Global Dialogues Course:** ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)

**Citizenship Dialogues Course:** GE 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)

MAT 115 Pre-Calculus or MAT 216 Survey of Introductory Calculus and its Applications (3)

SPE 130 Fundamentals of Public Speaking (3)

**Major Requirements (63 credits)**

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<th>Course Code</th>
<th>Course Title</th>
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<td>Financial Accounting</td>
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<tr>
<td>ACC 102</td>
<td>Managerial Accounting</td>
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<tr>
<td>ACC 300</td>
<td>Income Tax Accounting</td>
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<td>ACC 305</td>
<td>Cost Accounting</td>
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<td>ACC 350</td>
<td>Intermediate Accounting I</td>
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<td>ACC 351</td>
<td>Intermediate Accounting II</td>
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<td>ACC 410</td>
<td>Advanced Accounting</td>
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<td>ACC 430</td>
<td>Auditing</td>
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<td>ECO 200</td>
<td>Macroeconomics</td>
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<td>Microeconomics</td>
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<td>Econometrics I</td>
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<td>ECO 261</td>
<td>Econometrics II</td>
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<td>MGT 175</td>
<td>Management Concepts and Communication</td>
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<td>MGT 240</td>
<td>Financial Management</td>
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<td>MGT 299</td>
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<td>MIS 240</td>
<td>Management Information Systems</td>
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<td>MKT 220</td>
<td>Principles of Marketing</td>
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<tr>
<td>ACC 377 Field Experience I (3)</td>
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<td>ACC 477 Field Experience II (3)</td>
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<table>
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<th>Liberal Arts and Sciences Courses (21 credits)</th>
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<tbody>
<tr>
<td>ENG 205 Introduction To Literature OR ENG 215 Survey of World Literature (3)</td>
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<tr>
<td>ENG 260 Business and Professional Writing (3)</td>
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<tr>
<td>INT 411 Global Leadership (3)</td>
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<tr>
<td>MAT 114 Intermediate Algebra (3) [Students who meet the math competency must substitute a Liberal Arts &amp; Sciences elective (300/400 level)]</td>
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<tr>
<td>PHI 300 Ethics (3)</td>
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<td>PSY 100 Introduction to Psychology (3)</td>
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<td>Liberal Arts and Sciences Elective (3)</td>
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**Total Credit Hours: 120**

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<th>Accounting: Graduate Core Courses (24 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSA 600 Managerial Economics (3)</td>
</tr>
<tr>
<td>MSA 603 Quantitative Methods (3)</td>
</tr>
<tr>
<td>MSA 605 Financial Management (3)</td>
</tr>
<tr>
<td>MSA 630 Advanced Strategy (3)</td>
</tr>
<tr>
<td>MSA 631 Integrative Case Studies (3)</td>
</tr>
<tr>
<td>MSA 670 Accounting Theory and Research (3)</td>
</tr>
<tr>
<td>MSA 672 Computer Auditing (3)</td>
</tr>
<tr>
<td>MSA 673 Advanced Taxation (3)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Accounting: Graduate Electives (6 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose two (2) from the following (6 credits):</td>
</tr>
<tr>
<td>MSA 601 Strategic Human Resource Management (3)</td>
</tr>
<tr>
<td>MSA 602 Organizational Behavior and Development (3)</td>
</tr>
<tr>
<td>MSA 621 Strategic Operations Management (3)</td>
</tr>
<tr>
<td>MSA 623 Strategic Marketing (3)</td>
</tr>
</tbody>
</table>

**Total Graduate (M.S. in Accounting) credits: 30**
# ADOLESCENT TEACHING: BIOLOGY 7–12 & STUDENTS WITH DISABILITIES

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
<th>CERTIFICATE/LICENSES TITLES AND TYPES</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S.Ed.</td>
<td>126</td>
<td>Biology 7-12 (initial)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Students with Disabilities Generalist 7-12 (initial)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Students with Disabilities Biology 7-12 extension (initial)</td>
</tr>
</tbody>
</table>

## Program Description

Medaille College’s B.S.Ed. degree program in Adolescent Teaching: Biology 7–12 & Students with Disabilities leading to dual-certification in Students with Disabilities and Biology 7–12 is committed to the academic and professional preparation of highly qualified teachers through rigorous, integrated coursework in the liberal arts and professional studies. The program emphasizes active, experiential learning both inside and outside the classroom through frequent field observations and practicum experiences over four years.

The program is committed to fostering reflective practitioners with demonstrated proficiency in academic subject matter content, pedagogy, best practices in teaching, learning theory, and student development. Its graduates will be well prepared to function effectively in an inclusive classroom, to meet successfully the learning and developmental needs of diverse student constituencies, and to function as capable and caring professionals in a variety of secondary school environments. The program is dedicated to producing teachers who will exhibit intellectual rigor and compassion in the learning environment and who will balance their high expectations for students with appropriate degrees of support and assistance to assure adolescents’ intellectual and personal growth.

The Adolescent Education program at Medaille College will offer simultaneous certification in both general and Students with Disabilities. Through this dual-certification process, students will be better able to serve the needs of all individuals across a wide range of learning styles and needs in middle and high school settings through knowledge of differentiated instruction, curricular adaptation, classroom management, the development of positive and supportive classroom environments, and the provision of individualized educational support. Students will also be prepared to collaborate in inclusive settings with developing effective partnerships between classrooms and families.

Program graduates will demonstrate the knowledge, skills, professional attitude, character, and commitment to future students and the teaching profession congruent with New York State and national standards for initial certification and long-term professional success.
Professional Dispositions

The Department of Education at Medaille College prepares students to enter the world of teaching birth through grade twelve. We believe that a major component of professional teacher education (both in Medaille College classrooms and in P-12 schools) includes preparing students to fulfill professional habits of conduct. As part of the learning and preparation processes, students must understand and engage in professional behaviors that adhere to both policy and guiding principles required in private and public schools and community agencies. The development of values such as commitment, responsible behavior, professional communication/collaboration, confidentiality, and integrity/honesty are essential for sustained employment within the professional workforce. Prospective educators are expected to view and assume these professional dispositions as a crucial component of their academic training.

The Professional Dispositions aligned with Medaille College and the Department of Education provide a framework for these professional behaviors. Instructors and staff will demonstrate and work with our students to assure that they understand and are able to demonstrate the dispositions in every class and learning experience. When interacting with administrators, professors, teachers, peers and students (while on all Medaille campuses and during field experiences), teacher candidates must exhibit their professional commitment to becoming an excellent teacher through engagement, words and actions. A full list of expected behaviors is located in program handbooks.

Students will sign an acknowledgement of these professional dispositions upon entrance to their program.

Clinical Experiences

Candidates are required to complete a minimum of 150 hours of clinical experience. These foundational and intermediate clinical experiences will include meaningful engagement with adolescents in Grades 7-12 to allow candidates to demonstrate the practices that support student learning and development in the field of education. Hours must be satisfactorily completed by the end of the semester of the corresponding course.

All students in initial certification programs are required to successfully complete a minimum of two culminating clinical student teaching placements. Graduate students must have satisfactorily completed all pre-requisites and have a minimum 2.0 GPA to participate in student teaching. For detailed student teaching information, go to http://www.medaille.edu/student-teaching.

Students who receive an unsatisfactory grade (U) for one student teaching placement must enroll and satisfactorily complete the one-credit course EDU 482: Refocus for Success and repeat the student teaching experience.

**Note: All education teacher candidates must be able to, with or without accommodation, complete all New York State mandated course, field experience, and student teaching requirements.
Credit Distribution

B.S.Ed. Adolescent Education /Students with Disabilities

Students must receive a grade of C or above for all pedagogical and concentration courses. Otherwise, the course must be repeated.

As a requirement for graduation, all students receiving a Bachelor of Science in Education degree must attain a minimum 2.0 cumulative average to graduate.

**General Education Core (27 Credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
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<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)</td>
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<td><strong>Critical Dialogues Course:</strong> INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]</td>
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<td><strong>American Dialogues Course:</strong> GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)</td>
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</tr>
<tr>
<td><strong>Creative and Reflective Dialogues Course:</strong> ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)</td>
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</tr>
<tr>
<td><strong>Global Dialogues Course:</strong> ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)</td>
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<tr>
<td><strong>Citizenship Dialogues Course:</strong> GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)</td>
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</tr>
<tr>
<td>MAT 115 Pre-Calculus (3)</td>
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<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
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</tbody>
</table>

**Education/Dual-License Component (39 Credits)**

Course Work (27 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDU 207 DASA Seminar (co-register with EDU 210 Educational Foundations) (0)</td>
<td></td>
</tr>
<tr>
<td>EDU 210 Educational Foundations (co-register with EDU 207 DASA Seminar) (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 237 The Adolescent Reader &amp; Writer (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 238 Strategic Literacy Instruction (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 340 Child Abuse and School Violence and other Current Issues in Education (requires co-registration with ESP 230) (0)</td>
<td></td>
</tr>
<tr>
<td>EDU 365 Adolescent Teaching Biology Methods with Practica (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 368 Adolescent General Education/Special Education Curriculum Methods (3)</td>
<td></td>
</tr>
<tr>
<td>ESP 230 Intro to Special Education (co-register with EDU 340)</td>
<td></td>
</tr>
<tr>
<td>ESP 276 Pos. Behavioral Support Approaches to Classroom Management and Instruction (3)</td>
<td></td>
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</tbody>
</table>
### ESP 348 Educating and Assessing Adolescents with Mild to Severe Disabilities with Practica (3)

### ESP 358 Assessing Adolescent Children (Grades 7-12) with Exceptionalities (3)

<table>
<thead>
<tr>
<th>Experiential Learning (12 Credits)</th>
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</thead>
<tbody>
<tr>
<td>EDU 480 “S” Student Teaching (5.5)</td>
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<tr>
<td>EDU 480 “A” Student Teaching (5.5)</td>
</tr>
<tr>
<td>EDU 481 Student Teaching Seminar (1)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Biology Concentration (34 Credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 120 Botany (4)</td>
</tr>
<tr>
<td>BIO 170 Comp. Anatomy &amp; Physiology I (5)</td>
</tr>
<tr>
<td>BIO 171 Comp. Anatomy &amp; Physiology II (5)</td>
</tr>
<tr>
<td>BIO 200 Microbiology (4)</td>
</tr>
<tr>
<td>BIO 220 Cell Biology (3)</td>
</tr>
<tr>
<td>BIO 320 Ecology (4)</td>
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<tr>
<td>BIO 330 Genetics (3)</td>
</tr>
<tr>
<td>BIO 430 Organic Evolution (3)</td>
</tr>
<tr>
<td>MAT 201 Statistics and Society (3)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Liberal Arts and Science Component (23 Credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language I (3)</td>
</tr>
<tr>
<td>Foreign Language II (3)</td>
</tr>
<tr>
<td>HIS 140 Early United States History (3)</td>
</tr>
<tr>
<td>CHE 200 General Chemistry I (4)</td>
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<tr>
<td>CHE 201 General Chemistry II (4)</td>
</tr>
<tr>
<td>PSY 100 Introduction to Psychology (3)</td>
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<td>PSY 240 Adolescence (3)</td>
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<thead>
<tr>
<th>Computer Information Systems (3 credits)</th>
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</thead>
<tbody>
<tr>
<td>CIS 175 Technology Applications in Education (3)</td>
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</tbody>
</table>

**Total Credit Hours: 126**

**NEW YORK STATE TEACHER CERTIFICATION (NYSTCE)**

Students seeking certification in New York must successfully complete the New York State Teacher Certification Exams (NYSTCE) as a prerequisite for certification.
Program Description
Medaille College’s B.S.Ed. degree program in Adolescent Education with dual-certification in English Language Arts 7–12 and Students with Disabilities is committed to the academic and professional preparation of highly qualified teachers through rigorous, integrated coursework in the liberal arts and professional studies. The program emphasizes active, experiential learning both inside and outside the classroom through frequent field observation and practice over four years.

The Program is committed to fostering reflective practitioners with demonstrated proficiency in academic content, pedagogy, learning theory, and student development. Its graduates will be well prepared to function effectively in an inclusive classroom, to meet successfully the learning and developmental needs of diverse student constituencies, and to function as capable professionals in a variety of secondary school environments. The program is dedicated to producing teachers who will exhibit intellectual rigor and compassion in the learning environment and who will balance their high expectations for students with appropriate degrees of support and assistance to assure adolescents’ intellectual and personal growth.

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Program graduates will demonstrate the knowledge, skills, professional attitude, character, and commitment to future students and the teaching profession congruent with New York State and national standards for initial certification and long-term professional success.

www.medaille.edu
Professional Dispositions

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Students will sign an acknowledgement of these professional dispositions upon entrance to their program.

Clinical Experiences

Candidates are required to complete a minimum of 150 hours of clinical experience. These foundational and intermediate clinical experiences will include meaningful engagement with adolescent in Grades 7-12 to allow candidates to demonstrate the practices that support student learning and development in the field of education. Hours must be satisfactorily completed by the end of the semester of the corresponding course.

All students in initial certification programs are required to successfully complete a minimum of two culminating clinical student teaching placements. Graduate students must have satisfactorily completed all pre-requisites and have a minimum 2.0 GPA to participate in student teaching. For detailed student teaching information, go to http://www.medaille.edu/student-teaching.

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**Note: All education teacher candidates must be able to, with or without accommodation, complete all New York State mandated course, field experience, and student teaching requirements.
Credit Distribution

**B.S.Ed. Adolescent Education /Students with Disabilities**

Students must receive a grade of C or above for all pedagogical and concentration courses. Otherwise, the course must be repeated.

As a requirement for graduation, all students receiving a Bachelor of Science in Education degree must attain a minimum 2.0 cumulative average to graduate.

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</tr>
<tr>
<td><strong>Creative and Reflective Dialogues Course:</strong> ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)</td>
<td></td>
</tr>
<tr>
<td><strong>Sustainability Dialogues Course:</strong> GEN 240 Scientific Discovery (3), Courses TBA</td>
<td></td>
</tr>
<tr>
<td><strong>Global Dialogues Course:</strong> ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)</td>
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</tr>
<tr>
<td>MAT 114 Intermediate Algebra (or higher) (3)</td>
<td></td>
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<tr>
<td>MAT 201 Statistics and Society (3)</td>
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<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
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**Education/Dual-License Component (39 Credits)**

**Course Work (27 Credits)**

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<td>EDU 340 Child Abuse and School Violence and other Current Issues in Education (requires co-registration with ESP 230) (0)</td>
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<td>EDU 364 Adolescent English with Practicum(3)</td>
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<td>--------------------------------------------------------------------------------</td>
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<td>ESP 230 Intro to Special Education (co-register with EDU 340) (3)</td>
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</table>

**Experiential Learning (12 Credits)**

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<th>EDU 480 “S” Student Teaching (5.5)</th>
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<td>EDU 480 “A” Student Teaching (5.5)</td>
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<td>EDU 481 Student Teaching Seminar (1)</td>
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</table>

**English Concentration (24 credits)**

<table>
<thead>
<tr>
<th>ENG 205 Introduction to Literature (3)</th>
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</thead>
<tbody>
<tr>
<td>ENG 210 Introduction to Creative Writing (3)</td>
</tr>
<tr>
<td>ENG 215 Survey of World Literature (3)</td>
</tr>
<tr>
<td>ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3)</td>
</tr>
<tr>
<td>ENG 325 American Literature: Colonial to the Civil War (3)</td>
</tr>
<tr>
<td>ENG 365 Multicultural Literature of the United States (3)</td>
</tr>
<tr>
<td>ENG 435 Major Global Literary Figures (3)</td>
</tr>
<tr>
<td>ENG 460 Literary Theory and Cultural Studies: English Seminar (3)</td>
</tr>
</tbody>
</table>

**English Electives:**

Provides for full English major (6 Credits) | Electives must be chosen in consultation with Department Chair or designee. Choose one course from the following:

<table>
<thead>
<tr>
<th>ENG 300 Fiction Workshop (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 310 Poetry Workshop (3)</td>
</tr>
<tr>
<td>ENG 320 Drama Workshop (3)</td>
</tr>
<tr>
<td>ENG 360 Advanced Report and Proposal Writing (3)</td>
</tr>
</tbody>
</table>

Choose one course from the following:

<table>
<thead>
<tr>
<th>ENG 345 Film Art and Appreciation (3)</th>
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<tbody>
<tr>
<td>ENG 355 Major Literary Forms (3)</td>
</tr>
<tr>
<td>ENG 405 Themes and Topics in American Literature (3)</td>
</tr>
<tr>
<td>ENG 415 Themes and Topics in British Literature (3)</td>
</tr>
<tr>
<td>ENG 425 Themes and Topics in World Literature (3)</td>
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</tbody>
</table>

**Liberal Arts and Sciences Component (21 Credits)**

<table>
<thead>
<tr>
<th>Foreign Language I (3)</th>
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<tbody>
<tr>
<td>Foreign Language II (3)</td>
</tr>
<tr>
<td>HIS 140 Early United States History (3)</td>
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<tr>
<td>HUM 300 The Arts in Society (3)</td>
</tr>
<tr>
<td>PHY 104 Physical Science (3)</td>
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<tr>
<td>PSY 100 Introduction to Psychology (3)</td>
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<td>PSY 240 Adolescence (3)</td>
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</table>

**Computer Information Systems Component (3 credits)**

| CIS 175 Technology Applications in Education (3) |
Total Credit Hours: 126

NEW YORK STATE TEACHER CERTIFICATION (NYSTCE)
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**ADOLESCENT TEACHING: SOCIAL STUDIES 7–12 & STUDENT WITH DISABILITIES**

<table>
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<tbody>
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<td>B.S.Ed.</td>
<td>129</td>
<td>Social Studies 7-12 (initial)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Students with Disabilities Generalist 7-12 (initial)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Students with Disabilities Social Studies 7-12 extension (initial)</td>
</tr>
</tbody>
</table>

**Program Description**

Medaille College’s B.S. Ed. degree program in Adolescent Social Studies Education with dual-certification in Social Studies 7–12 and Students with Disabilities is committed to the academic and professional preparation of highly qualified teachers through rigorous, integrated coursework in the liberal arts and professional studies. The program emphasizes active, experiential learning both inside and outside the classroom through frequent field observation and practice over four years.

The program is committed to fostering reflective practitioners with demonstrated proficiency in academic content, pedagogy, learning theory, and student development. Its graduates will be well prepared to function effectively in an inclusive classroom, to meet successfully the learning and developmental needs of diverse student constituencies, and to function as capable professionals in a variety of secondary school environments. The program is dedicated to producing teachers who will exhibit intellectual rigor and compassion in the learning environment and who will balance their high expectations for students with appropriate degrees of support and assistance to assure adolescents’ intellectual and personal growth.

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Students who receive an unsatisfactory grade (U) for one student teaching placement must enroll and satisfactorily complete the one-credit course **EDU 482: Refocus for Success** and repeat the student teaching experience.

**Note:** All education teacher candidates must be able to, with or without accommodation, complete all New York State mandated course, field experience, and student teaching requirements.
Credit Distribution

B.S.Ed. Adolescent Education / Students with Disabilities
Students must receive a grade of C or above for all pedagogical and concentration courses. Otherwise, the course must be repeated.

As a requirement for graduation, all students receiving a Bachelor of Science in Education degree must attain a minimum 2.0 cumulative average to graduate.

General Education Core (33 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
<td></td>
</tr>
<tr>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)</td>
<td></td>
</tr>
<tr>
<td>Critical Dialogues Course: INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]</td>
<td></td>
</tr>
<tr>
<td>American Dialogues Course: GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)</td>
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<tr>
<td>Creative and Reflective Dialogues Course: ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)</td>
<td></td>
</tr>
<tr>
<td>Sustainability Dialogues Course: GEN 240 Scientific Discovery (3), Courses TBA</td>
<td></td>
</tr>
<tr>
<td>Global Dialogues Course: ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)</td>
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<td>Citizenship Dialogues Course: GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)</td>
<td></td>
</tr>
<tr>
<td>MAT 114 Intermediate Algebra (or higher) (3)</td>
<td></td>
</tr>
<tr>
<td>MAT 201 Statistics and Society (3)</td>
<td></td>
</tr>
<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
<td></td>
</tr>
</tbody>
</table>

Education/Dual-License Component (39 Credits)

Course Work (27 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 207 DASA Seminar (co-register with EDU 210 Educational Foundations) (0)</td>
<td></td>
</tr>
<tr>
<td>EDU 210 Educational Foundations (co-register with EDU 207 DASA Seminar) (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 237 The Adolescent Reader &amp; Writer (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 238 Strategic Literacy Instruction (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 340 Child Abuse and School Violence and other Current Issues in Education (requires co-registration with ESP 230) (0)</td>
<td></td>
</tr>
<tr>
<td>EDU 363 Adolescent Social Studies with Practicum (3)</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>-------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>EDU 368</td>
<td>Adolescent General Education/Special Education Curriculum Methods</td>
</tr>
<tr>
<td>ESP 230</td>
<td>Intro to Special Education (co-register with EDU 340)</td>
</tr>
<tr>
<td>ESP 276</td>
<td>Behavioral Support Approaches to Classroom Management and Instruction</td>
</tr>
<tr>
<td>ESP 348</td>
<td>Educating and Assessing Adolescents with Mild to Severe Disabilities with Practica</td>
</tr>
<tr>
<td>ESP 358</td>
<td>Assessing Adolescent Children (Grades 7-12) with Exceptionalities</td>
</tr>
</tbody>
</table>

**Experiential Learning (12 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 480 “S”</td>
<td>Student Teaching</td>
<td>(5.5)</td>
</tr>
<tr>
<td>EDU 480 “A”</td>
<td>Student Teaching</td>
<td>(5.5)</td>
</tr>
<tr>
<td>EDU 481</td>
<td>Student Teaching Seminar</td>
<td>(1)</td>
</tr>
</tbody>
</table>

**Social Studies Concentration (36 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 200</td>
<td>Macroeconomics OR ECO 201 Microeconomics</td>
<td>(3)</td>
</tr>
<tr>
<td>GEO 110</td>
<td>Physical Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>GEO 310</td>
<td>Cultural Geography</td>
<td>(3)</td>
</tr>
<tr>
<td>HIS 100</td>
<td>Western Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>HIS 101</td>
<td>World Cultures</td>
<td>(3)</td>
</tr>
<tr>
<td>HIS 140</td>
<td>Early United States History</td>
<td>(3)</td>
</tr>
<tr>
<td>HIS 150</td>
<td>Contemporary United States History</td>
<td>(3)</td>
</tr>
<tr>
<td>HIS 315</td>
<td>History of Ethnic America</td>
<td>(3)</td>
</tr>
<tr>
<td>HIS 400</td>
<td>American Historiography</td>
<td>(3)</td>
</tr>
<tr>
<td>HIS 402</td>
<td>The History of New York State</td>
<td>(3)</td>
</tr>
<tr>
<td>POL 100</td>
<td>Introduction to Political Science</td>
<td>(3)</td>
</tr>
<tr>
<td>POL 101</td>
<td>United States Government</td>
<td>(3)</td>
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</table>

**Liberal Arts and Sciences Component (18 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language I</td>
<td></td>
<td>(3)</td>
</tr>
<tr>
<td>Foreign Language II</td>
<td></td>
<td>(3)</td>
</tr>
<tr>
<td>ENG 215</td>
<td>Survey of World Literature</td>
<td>(3)</td>
</tr>
<tr>
<td>PHY 104</td>
<td>Physical Science</td>
<td>(3)</td>
</tr>
<tr>
<td>PSY 100</td>
<td>Introduction to Psychology</td>
<td>(3)</td>
</tr>
<tr>
<td>PSY 240</td>
<td>Adolescence</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**Computer Information Systems (3 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 175</td>
<td>Technology Applications in Education</td>
<td>(3)</td>
</tr>
</tbody>
</table>

**Total Credit Hours: 129**

**NEW YORK STATE TEACHER CERTIFICATION (NYSTCE)**

Students seeking certification in New York must successfully complete the New York State Teacher Certification Exams (NYSTCE) as a prerequisite for certification.
Program Goals
• Students will develop an understanding of the central themes, principles, and technologies of biological knowledge and a familiarity with appropriate supporting areas of chemistry and mathematics.
• Students will develop the scientific literacy necessary to analyze, critically evaluate, and communicate scientific concepts.
• Students will develop their investigative skills and increase their understanding of science as a way of knowing that guides and facilitates scientific investigation and decision-making.

Program Description
The purpose of the Bachelor’s of Science degree program in Biology is to provide rigorous training to those students desiring careers in the biological, biomedical, and environmental sciences. The program also provides the necessary preparation to those students who wish to pursue graduate training in biology, medicine, or veterinary science. The goal of the program is to produce graduates who, having been trained in the analytical and investigative techniques of the biological sciences, are ready to embark on promising careers in government, industry, and biomedical sciences.

The Biology major at Medaille College is designed to introduce students to the broad spectrum of biological knowledge, from the complexities of the single cell to the dynamics of the ecosystem, and to develop an awareness of the achievements, methods, potentials, and limitations of the biological sciences. Consistent with a liberal education, the Biology major includes a combination of required and elective courses. Students may utilize their electives to experience the rich traditions of the liberal arts, to develop significant expertise in a second area of study, such as communications or management, or to acquire an additional degree or certification, i.e., the Associate in Science degree in Veterinary Technology.

The curriculum consists of a 40-credit core of courses designed to allow students to explore, in depth, the analytical procedures and principle tenets of thought in biological science. The core consists of (a) eight required courses in botany, cell biology, ecology, genetics, microbiology, epidemiology and biostatistics, and comparative anatomy and physiology; and (b) a choice of electives from courses that include immunology, animal behavior, advanced vertebrate physiology, herpetology, ichthyology, ornithology, mammalogy, organic evolution, developmental biology, and biochemistry. Students also take courses in general and organic chemistry, and mathematics. The design of the Biology curriculum is such that graduates of Medaille College’s Associate in Science degree program in Veterinary Technology may transfer

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into the Bachelor of Science degree program in Biology without loss of any credits provided they take the appropriate chemistry and liberal arts sequences.

**Credit Distribution**

**General Education Core (27 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
<td></td>
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<tr>
<td>ENG 200 Advanced College Writing (3) OR 202 Advanced College Writing for Multilingual Students (3)</td>
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</tr>
<tr>
<td><strong>American Dialogues Course:</strong> GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)</td>
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</tr>
<tr>
<td><strong>Creative and Reflective Dialogues Course:</strong> ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)</td>
<td></td>
</tr>
<tr>
<td><strong>Global Dialogues Course:</strong> ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)</td>
<td></td>
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<tr>
<td><strong>Citizenship Dialogues Course:</strong> GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)</td>
<td></td>
</tr>
<tr>
<td>MAT 115 Pre-Calculus (3) [Students who meet the math requirement by placement must substitute a Free Elective]</td>
<td></td>
</tr>
<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
<td></td>
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</tbody>
</table>

**Major Requirements (31 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 120 Botany (4)</td>
<td></td>
</tr>
<tr>
<td>BIO 170 Comparative Anatomy and Physiology I (5)</td>
<td></td>
</tr>
<tr>
<td>BIO 171 Comparative Anatomy and Physiology II (5)</td>
<td></td>
</tr>
<tr>
<td>BIO 200 Microbiology (4)</td>
<td></td>
</tr>
<tr>
<td>BIO 220 Cell Biology (3)</td>
<td></td>
</tr>
<tr>
<td>BIO 301 Epidemiology and Biostatistics (3)</td>
<td></td>
</tr>
<tr>
<td>BIO 320 Ecology (4)</td>
<td></td>
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<tr>
<td>BIO 330 Genetics (3)</td>
<td></td>
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</tbody>
</table>

**Major Electives (9 credits)**

Choose three (3) from the following (9 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 303 Toxicology (3)</td>
<td></td>
</tr>
<tr>
<td>BIO 310 Immunology (3)</td>
<td></td>
</tr>
<tr>
<td>BIO 340 Animal Behavior (3)</td>
<td></td>
</tr>
<tr>
<td>BIO 370 Advanced Vertebrate Physiology I (3)</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>BIO 371 Advanced Vertebrate Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>BIO 421 Ichthyology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 422 Herpetology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 423 Ornithology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 424 Mammalogy</td>
<td>4</td>
</tr>
<tr>
<td>BIO 430 Organic Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIO 470 Developmental Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIO 498 Independent Study In Biology</td>
<td>3</td>
</tr>
<tr>
<td>CHE 400 General Biochemistry</td>
<td>4</td>
</tr>
</tbody>
</table>

**Liberal Arts and Sciences Courses (19 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 200 General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHE 201 General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHE 300 Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHE 301 Organic Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>PHI 300 Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Computer Information Systems (3 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 115 Computer Information Systems or above</td>
<td>3</td>
</tr>
</tbody>
</table>

**Free Electives (39 credits)**

| May include any College course             |         |

**Total Credit Hours: 128**

**Note:** Students planning to apply for admission to graduate, medical, or veterinary school are strongly encouraged to take CHE 400 General Biochemistry, PHY 200 Principles of Physics I and PHY 201 Principles of Physics II. Additionally, students are encouraged to take either MAT 216 Survey of Introductory Calculus and its Applications, or MAT 251 Calculus I and MAT 252 Calculus II (a two-course sequence). Students interested in professional careers in medicine are advised to develop a foundation in the Humanities and the Social Sciences.
BUSINESS ADMINISTRATION

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S.</td>
<td>120</td>
</tr>
</tbody>
</table>

Program Description
The Business Administration curriculum is designed to provide the student with the practical, as well as the theoretical knowledge and learning experiences required to be successful in a business environment. The goal of the program is to give students the ability to recognize and capitalize on business opportunities by harnessing the business and economic resources available to them. Medaille College’s generalist approach imparts a working expertise in all the functional areas of business, enabling the student to better understand the management of a business.

As part of the major requirements each student takes courses in accounting, management, marketing, finance, and law. The management information systems component seeks to provide a basic familiarity of computers for Business students. The field experience requirement gives students the opportunity for “hands-on” experience applying what has been learned in the classroom to real business situations. Credit hours for work/life experience can also be earned by students who have had appropriate previous experience in related areas.

The liberal arts and sciences portion of the degree seeks to provide a solid foundation in the humanities and social sciences as well as a background in mathematics and science. All Business majors should complete 100-level business courses, ENG 110/ENG 112, ENG 200/ENG 202, SPE 130, ECO 200, and ECO 201 during their first two years at Medaille College.

Business majors are expected to attend all classes. Students are responsible for all material covered and for any announcements made in any class session whether the student is present or not. Majors in this program may not take any business course Pass/Fail. A 2.0 cumulative grade point average (GPA) is required of all Business majors in their core and elective business courses to graduate.

The Bachelor of Science degree in Business Administration is accredited by the International Assembly for Collegiate Business Education (IACBE).

Program Goals
**Student Success:** The program seeks to enhance student understanding of career related fields, improve the retention rate of its students, increase the quality and quantity of network opportunities, and continuously improve the curricula that develops the knowledge, skills, and values of its graduates so that students are prepared for productive careers in a global economy.

**Academic Program:** The program will expand its academic program array, enhance its delivery methods, and continuously improve the curriculum so that students can select from a variety of quality programs that prepare them for the global work environment.

[www.medaille.edu](http://www.medaille.edu)
Faculty Involvement: The program will innovatively increase its support for faculty and staff in order to attract, develop, and retain talented faculty/staff who continuously improve the quality of teaching, advising, research, and service.

Community Engagement: The program focuses on both the success of every student and on the difference that each can make in building a better community and serving the common good. The intent of these strategic initiatives are to help students learn beyond the classroom and to give students the inspiration that can help turn individual and communal aspirations into realities.

Program Outcomes

Upon completion of this program, students will be able to:

1. Identify the principal concepts, theories, and practices in the functional areas of business.
2. Recognize the relevant theories and principles associated with the economic environment of business.
3. Evaluate the social and natural environments of business and apply them to the development of managerial strategy.
4. Recognize legal and ethical principles in business and apply them to organizational decision making.
5. Evaluate the global dimensions of business.
6. Apply business-related quantitative methods and information technology in support of management decision making.
7. Construct coherent written forms of communication.
8. Compose and present effective oral forms of communication.
9. Demonstrate analytical and critical thinking skills in the context of organizational decision making.
10. Integrate theory and practice across the business functional areas in the analysis of organizational problems and challenges.

Credit Distribution

<table>
<thead>
<tr>
<th>General Education Core (30 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students</td>
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<td>Sustainability Dialogues Course: GEN 240 Scientific Discovery (3) OR Courses TBA</td>
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<td>Global Dialogues Course: ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR</td>
</tr>
<tr>
<td>Course Options</td>
</tr>
<tr>
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</tr>
<tr>
<td>ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)</td>
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<td>MAT 115 Pre-Calculus or MAT 216 Survey of Introductory Calculus and its Applications (3)</td>
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<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
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</tbody>
</table>

**Major Requirements (51 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 101 Financial Accounting (3)</td>
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<tr>
<td>ACC 102 Managerial Accounting (3)</td>
<td></td>
</tr>
<tr>
<td>ECO 200 Macroeconomics (3)</td>
<td></td>
</tr>
<tr>
<td>ECO 201 Microeconomics (3)</td>
<td></td>
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<tr>
<td>ECO 260 Econometrics I (3)</td>
<td></td>
</tr>
<tr>
<td>ECO 261 Econometrics II (3)</td>
<td></td>
</tr>
<tr>
<td>MGT 175 Management Concepts and Communication (3)</td>
<td></td>
</tr>
<tr>
<td>MGT 230 Human Resource Management (3)</td>
<td></td>
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<tr>
<td>MGT 240 Financial Management (3)</td>
<td></td>
</tr>
<tr>
<td>MGT 299 Business Law I (3)</td>
<td></td>
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<tr>
<td>MGT 302 Operations Management (3)</td>
<td></td>
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<tr>
<td>MGT 335 Organizational Behavior (3)</td>
<td></td>
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<tr>
<td>MGT 420 Strategic Management I (3)</td>
<td></td>
</tr>
<tr>
<td>MGT 421 Strategic Management II (3)</td>
<td></td>
</tr>
<tr>
<td>MIS 240 Management Information Systems (3)</td>
<td></td>
</tr>
<tr>
<td>MKT 220 Principles of Marketing (3)</td>
<td></td>
</tr>
<tr>
<td>MKT 315 Marketing Management and Strategy (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Experiential Learning (6 credits)**

For students with significant business experience, the department offers several options in fulfilling the field experience requirements. Information on these options and waiver applications may be obtained from the department. Waiver applications must be filed at least one semester before implementation according to the following schedule: October 1 for the following spring semester; March 1 for the following fall semester.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 377 Field Experience I (3)</td>
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</tr>
<tr>
<td>MGT 477 Field Experience II (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Liberal Arts and Sciences Courses (18 credits)**

<table>
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<tr>
<th>Course</th>
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</thead>
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<tr>
<td>ENG 205 Introduction to Literature or ENG 215 Survey of World Literature (3)</td>
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</tr>
<tr>
<td>ENG 260 Business and Professional Writing (3)</td>
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</tr>
<tr>
<td>INT 411 Global Leadership (3)</td>
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<td>MAT 114 Intermediate Algebra (3) (Students who meet the math competency must substitute a 300/400 level Liberal Arts and Sciences Elective.)</td>
<td></td>
</tr>
<tr>
<td>PHI 300 Ethics (3)</td>
<td></td>
</tr>
<tr>
<td>Course</td>
<td>Credits</td>
</tr>
<tr>
<td>--------</td>
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</tr>
<tr>
<td>PSY 100 Introduction to Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Breadth Electives (6 credits)**
At least two (2) courses (300/400 level) from those housed in the Department of Business, Management and Leadership (Except BBA, BBA-IS, or SPM designated courses).

**Free Electives (9 credits)**
May include any College course.

| Total Credit Hours: | 120 |
BUSINESS ADMINISTRATION-MANAGEMENT INFORMATION SYSTEMS

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S.</td>
<td>120</td>
</tr>
</tbody>
</table>

Program Description
The Business Administration-Management Information Systems curriculum is designed to provide the student with the practical, as well as the theoretical knowledge and learning experiences required to be successful in a business environment. The goal of the program is to give students the ability to recognize and capitalize on business opportunities by harnessing the business and economic resources available to them.

Information systems support a wide range of business organizational functions. In addition to supporting decision making, coordination, and control, information systems help managers and workers analyze problems, visualize complex subjects, and develop an innovative vision that helps to shape the future of their organizations. The purpose of Business Administration-Management Information Systems is to give students insight into how management, technology, and organizational elements work together to provide solutions to organizational problems and to translate them into competitive advantages. In order to help students recognize the potential impact of information technology on competitive strategy and organizational operations, the curriculum maintains a practitioner-focus. Specific emphasis is placed on the organizational and management nature of information systems and their power to provide solutions to challenges and problems in the business environment. The primary goal of the program is to equip managers and future managers to think creatively about the use of information technology.

As part of the major requirements each student takes courses in accounting, management, marketing, finance, and law. The field experience requirement gives students the opportunity for “hands-on” experience applying what has been learned in the classroom to real business situations. Credits for work/life experience can also be earned by students who have had appropriate previous experience in related areas. The liberal arts and sciences portion of the degree seeks to provide a solid foundation in the humanities and social sciences as well as a background in mathematics and science. All Business Administration-MIS majors should complete 100-level business courses, ENG 110 or equivalent, ENG 200 or equivalent, SPE 130, ECO 200, and ECO 201 during their first two years at Medaille College.

Business Administration-MIS majors are expected to attend all classes. Students are responsible for all material covered and for any announcements made in any class session whether the student is present or not. Majors in this program may not take any business course Pass/Fail. A 2.0 cumulative grade point average (GPA) is required of all Business Administration-MIS majors in their core and elective business courses to graduate.
Program Goals

Student Success: The Program seeks to enhance student understanding of career related fields, improve the retention rate of its students, increase the quality and quantity of network opportunities, and continuously improve the curricula that develops the knowledge, skills, and values of its graduates so that students are prepared for productive careers in a global economy.

Academic Program: The Program will expand its academic program array, enhance its delivery methods, and continuously improve the curriculum so that students can select from a variety of quality programs that prepare them for the global work environment.

Faculty Involvement: The Program will innovatively increase its support for faculty and staff in order to attract, develop, and retain talented faculty/staff who continuously improve the quality of teaching, advising, research, and service.

Community Engagement: The Program focuses on both the success of every student and on the difference that each can make in building a better community and serving the common good. The intent of these strategic initiatives are to help students learn beyond the classroom and to give students the inspiration that can help turn individual and communal aspirations into realities.

Credit Distribution

General Education Core (30 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students</td>
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<tr>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students</td>
<td></td>
</tr>
<tr>
<td>Critical Dialogues Course: INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]</td>
<td></td>
</tr>
<tr>
<td>American Dialogues Course: GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)</td>
<td></td>
</tr>
<tr>
<td>Creative and Reflective Dialogues Course: ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)</td>
<td></td>
</tr>
<tr>
<td>Sustainability Dialogues Course: GEN 240 Scientific Discovery (3) , Courses TBA</td>
<td></td>
</tr>
<tr>
<td>Global Dialogues Course: ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)</td>
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</tr>
<tr>
<td>Citizenship Dialogues Course: GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)</td>
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</tr>
<tr>
<td>MAT 115 Pre-Calculus or MAT 216 Survey of Introductory Calculus and its Applications (3)</td>
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<td>SPE 130 Fundamentals of Public Speaking (3)</td>
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Major Requirements (54 credits)

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<tr>
<th>Course</th>
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<tr>
<td>ACC 101 Financial Accounting (3)</td>
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<tr>
<td>Course Code</td>
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</tr>
<tr>
<td>ACC 102</td>
<td>Managerial Accounting</td>
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<tr>
<td>ECO 200</td>
<td>Macroeconomics</td>
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<tr>
<td>ECO 201</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>ECO 260</td>
<td>Econometrics I</td>
</tr>
<tr>
<td>ECO 261</td>
<td>Econometrics II</td>
</tr>
<tr>
<td>MGT 175</td>
<td>Management Concepts and Communication</td>
</tr>
<tr>
<td>MGT 240</td>
<td>Financial Management</td>
</tr>
<tr>
<td>MGT 299</td>
<td>Business Law I</td>
</tr>
<tr>
<td>MGT 335</td>
<td>Organizational Behavior</td>
</tr>
<tr>
<td>MGT 420</td>
<td>Strategic Management I</td>
</tr>
<tr>
<td>MGT 421</td>
<td>Strategic Management II</td>
</tr>
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<td>MIS 240</td>
<td>Management Information Systems</td>
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<td>MIS 300</td>
<td>Database Development</td>
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<td>MIS 330</td>
<td>Data Communication and Networks</td>
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<td>MIS 335</td>
<td>Decision Support Systems</td>
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<td>MIS 400</td>
<td>System Analysis and Design</td>
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<tr>
<td>MKT 220</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>ENG 205</td>
<td>Introduction to Literature or ENG 215 Survey of World Literature</td>
</tr>
<tr>
<td>ENG 260</td>
<td>Business and Professional Writing</td>
</tr>
<tr>
<td>INT 411</td>
<td>Global Leadership</td>
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<tr>
<td>MAT 114</td>
<td>Intermediate Algebra</td>
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<tr>
<td>PHI 300</td>
<td>Ethics</td>
</tr>
<tr>
<td>PSY 100</td>
<td>Introduction to Psychology</td>
</tr>
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</table>

**Experiential Learning (6 credits)**
For students with significant business experience, the department offers several options in fulfilling the field experience requirements. Information on these options and waiver applications may be obtained from the department. Waiver applications must be filed at least one semester before implementation according to the following schedule: October 1 for the following Spring semester; March 1 for the following Fall semester.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIS 377</td>
<td>Field Experience I</td>
<td>3</td>
</tr>
<tr>
<td>MGT 477</td>
<td>Field Experience II</td>
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</table>

**Liberal Arts and Sciences Courses (18 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ENG 205</td>
<td>Introduction to Literature or ENG 215 Survey of World Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 260</td>
<td>Business and Professional Writing</td>
<td>3</td>
</tr>
<tr>
<td>INT 411</td>
<td>Global Leadership</td>
<td>3</td>
</tr>
<tr>
<td>MAT 114</td>
<td>Intermediate Algebra</td>
<td>3</td>
</tr>
<tr>
<td>PHI 300</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Free Electives (12 credits)**
May include any College course.

**Total Credit Hours: 120**
COMMUNICATION

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S.</td>
<td>120</td>
</tr>
</tbody>
</table>

Program Description
The Communication program provides a career-oriented program designed to give the student broad practical and theoretical knowledge of various aspects of communication, television, radio, newspaper, advertising, public relations and digital multimedia.

Courses in Communication, which include experiences of a practical nature, begin in the freshman year to provide the student immediate exposure to communication processes. Field experiences, permitting the student to observe and work in a chosen communications medium, begin early in the program. They allow students to explore media settings, develop skills, and make contacts that are critical to success in this industry. By the senior year the student may reach and maintain a clear, independent focus on the practical art of communication through the mass media and his/her role in that process.

In addition, the Communication student is given the opportunity to acquire a comprehensive liberal arts background. While enriching his/her specialized program, this may provide the student with a humanistic perspective for the evaluation of his/her role in relation to society and assist toward mutual improvement of self and society.

Communication majors may not take any Career Component course Pass/Fail.

All Communication majors should complete 100-level Communication courses, writing courses (ENG 110/ENG 112 and ENG 200/ENG 202) and SPE 130 during their first year at Medaille College. It is also important to complete as many other required 100-level courses as possible in the first two years.

Students may not go out on field experiences (COM 277, COM 377, COM 388, COM 477) unless their average is 2.0 or better, and unless they have all prerequisite courses completed, as stated in the Undergraduate Catalog.

The Department of Communication operates and maintains the College radio lab and television studio. Medaille College’s on-campus radio lab offers students an opportunity to learn production, news, and on-air techniques. The student staff is responsible for all aspects of operating a radio station from programming to final product. The campus radio lab is now online at WMCB The Fuze.

The TV studio allows students to learn various aspects of broadcast production from computer graphics to directing and editing a television program.
Program Goals
• Enables and encourages proficient practitioners and critics of public communication
• Enables and encourages students to engage in oral, written, and audio-visual communication and web technology in order to prepare them for the profession of communication
• Enables and encourages students a commitment to lifelong intellectual learning
• Enables and encourages professional ethics, as well as personal growth
• Encourages student’s competence in research methods and critical thinking
• Enables and encourage students to engage in critical study of each mass medium
• Foster student’s excellence in professional performance in communication

Program Outcomes
Students will be able to:
• Successfully engage in oral presentations.
• Use appropriate resources and research methods to achieve specific audience objectives.
• Analyze and critically review the various forms of oral, written and audio-visual communication.
• Write effectively in the style appropriate to each mass medium (electronic, TV, radio, visual, etc.)
• Analyze and articulate the history, development and operations of each mass medium and how they relate to each other.
• Demonstrate visual communication through a coherent framework including, but not limited to, video, film, audio-visual communication and web technology.
• Demonstrate excellence in job performance through the development of skills including, but limited to, resume and cover letter writing, interviewing and office etiquette and portfolio construction.

Credit Distribution

<table>
<thead>
<tr>
<th>General Education Core (33 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students</td>
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<tr>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students</td>
</tr>
<tr>
<td><strong>Critical Dialogues Course:</strong> INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]</td>
</tr>
<tr>
<td><strong>American Dialogues Course:</strong> GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)</td>
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<tr>
<td><strong>Creative and Reflective Dialogues Course:</strong> ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)</td>
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<td><strong>Sustainability Dialogues Course:</strong> GEN 240 Scientific Discovery (3), Courses TBA</td>
</tr>
<tr>
<td><strong>Global Dialogues Course:</strong> ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR</td>
</tr>
</tbody>
</table>
ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)  

**Citizenship Dialogues Course:** GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)  

MAT 114 Intermediate Algebra (3) [Students who meet the math competency must substitute a Liberal Arts and Sciences Elective]  

MAT 201 Statistics and Society (3)  

SPE 130 Fundamentals of Public Speaking (3)  

**Major Requirements (39 credits)**  
COM 101 Introduction to Mass Communication (3)  
COM 110 Journalism in the Digital Era (3)  
COM 130 Survey of Broadcasting: History, Programming, and Operations (3)  
COM 150 Media Promotions and Marketing (3)  
COM 200 Digital Media Production (3)  
COM 211 Mass Media Writing (3)  
COM 300 Introduction to Communication Theory (3)  
COM 311 Social Media Strategies (3)  
COM 355 Theory of Media Criticism (3)  
COM 400 Communications Law and Ethics (3)  
COM 475 Media and Society Seminar (3)  
COM (Any) Communication Elective (3)  
COM (300/400 level) Communication Elective (3)  

**Experiential Learning (12 Credits)**  
COM 277 Field Experience I (3)  
COM 377 Field Experience II (3)  
COM 477 Field Experience III (6)  

**Liberal Arts and Sciences Courses (24 credits)**  
Liberal Arts and Science electives (choose any three LAS courses) (9 credits)  
300/400 level Liberal Arts and Science electives (choose two LAS courses) (6 credits)  
PHI 200 Logic or PHI 300 Ethics (3)  
SPE 315 Advanced Public Speaking (3)  
HIS (Any) History Elective (3)  

**Free Electives (12 credits)**  
May include any College course.  

**Total Credit Hours: 120**
CRIMINAL JUSTICE

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
<th>CERTIFICATE/LICENSES TITLES AND TYPES</th>
</tr>
</thead>
</table>
| B.S.          | 120                     | - Juvenile & Family Justice Concentration  
|               |                         | - Law Enforcement Administration & Criminal Investigation Concentration  
|               |                         | - Law & Society Concentration  
|               |                         | - Homeland Security & Emergency Management Concentration (Online) |

**Program Description**

The Bachelor of Science degree in Criminal Justice provides rigorous training to students desiring a career in law enforcement or those seeking future graduate level work. The College’s goal is to produce graduates who are ready to embark on promising and expanding careers in the criminal justice system and/or graduate school.

The Criminal Justice program focuses on criminal law, criminal procedure, ethics, law enforcement, courts, cross-cultural sensitivity and communication as well as modern technology. The curriculum requires 120 credit hours and consists of a 24 credit hour core. All Criminal Justice majors are required to select at least one concentration by the time they have earned 60 credit hours and are considered to have junior standing. The following concentrations are available: Juvenile and Family Justice, Law Enforcement Administration and Criminal Investigations, Law and Society, Homeland Security and Emergency Management (online).

The program also articulates with two-year degree programs in criminal justice in the Western New York area by accepting, as transfers, credits from these programs. Medaille's Criminal Justice program was designed to make the most of a student's previous college transfer credits. In addition, the College recognizes the educational value of and awards credit for many types of life experience related to our degree programs. Law enforcement personnel returning for this degree may apply for Challenge Exams for various courses that relate to their occupation.

The College stresses the importance of gaining work experience that is related to a student's major program of study. In the Criminal Justice program, all students will complete six credit hours of hands-on internship experience, which creates exposure to actual job conditions. Students will complete 90 contact hours during CRJ 377 Field Experience I (junior year) and 120 contact during CRJ 477 Field Experience II (senior year) for a combined total of 210 hours in the field.
As a Criminal Justice major, students may find experience opportunities in law enforcement agencies, public defenders’ office, pretrial services, courts, district attorney’s office, the police academy, corporate security and numerous social services offices.

**Note: Concentrations (All CRJ students are required to complete a concentration. A concentration must be declared by successful completion of 45 credit hours).**

- The concentration in **Juvenile and Family Justice** provides additional coursework in Childhood Development, Adolescent Development, A Lifespan View of Family Violence, and Juvenile Delinquency. This concentration provides students with an in-depth theoretical and practical understanding of how the criminal justice system intersects with the family as a unit. This concentration will suit students interested in pursuing graduate level study or careers in social services, counseling professions, law, law enforcement and related public service professions. The concentration incorporates theory with practice, ensuring that our students will be well prepared to effectively meet the needs of their future organizations and/or continued education.

- The concentration in **Law Enforcement Administration and Criminal Investigation** provides additional coursework in Criminal Investigation, Law Enforcement Ethics, Social Issues in Policing a Multicultural Community, and police Administration. This concentration provides students with an in-depth theoretical and practical understanding of how the criminal justice system intersects with law enforcement. This concentration will suit students interested in pursuing graduate level study or careers in social services, counseling professions, law, law enforcement and related public service professions. The concentration incorporates theory with practice, ensuring that our students will be well prepared to effectively meet the needs of their future organizations and/or continued education.

- The concentration in **Law and Society** provides additional coursework in Anthropology, Sociology, Political Science, and Law & Society. This concentration provides students with an in-depth theoretical and practical understanding of how the criminal justice system intersects with society and individuals. This concentration will suit students interested in pursuing graduate level study or careers in social services, counseling professions, law, law enforcement and related public service professions. The concentration incorporates theory with practice, ensuring that our students will be well prepared to effectively meet the needs of their future organizations and/or continued education.

- The concentration in **Homeland Security and Emergency Management** provides additional coursework in specific Homeland Security areas. Taking its cue from Medaille College’s B.S. degree in Homeland Security, the Criminal Justice concentration in Homeland Security draws from the four interrelated disciplines of Homeland Security - the administration of Homeland Security, terrorism, law and politics, and emergency management. The concentration incorporates theory with practice, ensuring that our students will be well prepared to effectively meet the Homeland Security needs of their future organizations.

[www.medaille.edu](http://www.medaille.edu)
Medaille’s B.S. in Criminal Justice teaches the skills, knowledge, and competencies that graduates need in order to enter the competitive world of Criminal Justice careers and/or to prepare them for graduate-level study. The Criminal Justice program focuses on criminal law, criminal procedure, ethics, law enforcement, courts, cross-cultural sensitivity and communication as well as modern technology.

In addition, the experiential learning/internship component (two, three-credit courses taken sequentially) of the program has been moved from the “Major Requirements” to the “Concentration” curriculum section. Doing so ensures that students will complete internships that align with and are appropriate for their concentration. Placing the experiential learning/internship component within the concentration provides a greater depth of study and experiential education for students.

### Credit Distribution

**General Education Core (33 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
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<tr>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)</td>
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</table>

**Critical Dialogues Course:** INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]

**American Dialogues Course:** GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)

**Creative and Reflective Dialogues Course:** ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)

**Sustainability Dialogues Course:** GEN 240 Scientific Discovery (3), Courses TBA

**Global Dialogues Course:** ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)

**Citizenship Dialogues Course:** Gen 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MAT 114 Intermediate Algebra (3) [Students who meet the math competency must substitute a Free Elective]</td>
<td>3</td>
</tr>
<tr>
<td>MAT 201 Statistics and Society (3)</td>
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<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
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</tbody>
</table>
CRJ 160 Crime and Society (3)
CRJ 201 Introduction to Criminal Law (3)
CRJ 211 Law Enforcement (3)
CRJ 240 Criminal Courts and Procedures (3)
CRJ 340 Corrections (3)
CRJ 415 Research Methods in Criminal Justice (3)
CRJ 421 Senior Seminar/Capstone (3)

**Concentration Areas:**

**Juvenile & Family Justice Concentration (18 credits)**
PSY 210 Childhood Development (3)
PSY 240 Adolescence (3)
SOC 311 A Lifespan View of Family Violence (3)
CRJ 225 Juvenile Delinquency (3)
CRJ 377 Field Experience I (3)
CRJ 477 Field Experience II (3)

**Liberal Arts and Sciences Courses (12 credits)**
Foreign Language (any) (3)
PHI 300 Ethics (3)
SOC 281 Understanding Multicultural & Diverse Populations (3)
Choose one (1) of the following:
HIS 200 African American History (3)
POL 100 Introduction to Political Science (3)
PSY 100 Introduction to Psychology (3)
SOC 100 Introduction to Sociology (3)

**Free Electives (33 credits)**
May include any College course.

**Law Enforcement Administration & Criminal Investigation Concentration (19 credits)**
CRJ 301 Criminal Investigation I (3)
CRJ 303 Criminal Investigation I Lab (3)
CRJ 170 Law Enforcement Ethics (3)
CRJ 250 Social Issues in Policing a Multicultural Community (3)
CRJ 410 Police Administration (3)
CRJ 377 Field Experience I (3)
CRJ 477 Field Experience II (3)

**Liberal Arts and Sciences Courses (12 credits)**
Foreign Language (any) (3)
PHI 300 Ethics (3)
SOC 281 Understanding Multicultural & Diverse Populations (3)
Choose one (1) of the following:
HIS 200 African American History (3)
POL 100 Introduction to Political Science (3)
PSY 100 Introduction to Psychology (3)
SOC 100 Introduction to Sociology (3)

**Free Electives (32 credits)**

May include any College course.

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**Law & Society Concentration (18 credits)**

APY 100 Introduction to Anthropology (3)
SOC 100 Introduction to Sociology (3)
POL 100 Introduction to Political Science (3)
CRJ 365 Special Topic: Law and Society (3)
CRJ 377 Field Experience I (3)
CRJ 477 Field Experience II (3)

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**Liberal Arts and Sciences Courses (12 credits)**

Foreign Language (any) (3)
PHI 300 Ethics (3)
SOC 281 Understanding Multicultural & Diverse Populations (3)

Choose one (1) of the following:

HIS 200 African American History (3)
POL 100 Introduction to Political Science (3)
PSY 100 Introduction to Psychology (3)
SOC 100 Introduction to Sociology (3)

**Free Electives (33 credits)**

May include any College course.

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**Homeland Security & Emergency Management Concentration (22 credits) [ONLINE]**

CRJ 305E Securing the Homeland (4)
HIS 320E History of Terrorism (4)
POL 321E The Constitution and the Patriot Act (4)
MGT 375E Principles of Emergency Management (4)
CRJ 377 Field Experience I (3)
CRJ 477 Field Experience II (3)

---

**Liberal Arts and Sciences Courses (12 credits)**

Foreign Language (any) (3)
PHI 300 Ethics (3)
SOC 281 Understanding Multicultural & Diverse Populations (3)

Choose one (1) of the following:

HIS 200 African American History (3)
POL 100 Introduction to Political Science (3)
PSY 100 Introduction to Psychology (3)
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SOC 100 Introduction to Sociology</td>
<td>(3)</td>
</tr>
<tr>
<td><strong>Free Electives (29 credits)</strong></td>
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</tr>
<tr>
<td>May include any College course.</td>
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<tr>
<td><strong>Total Credit Hours:</strong></td>
<td><strong>127</strong></td>
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EDUCATION: EARLY CHILDHOOD/CHILDHOOD (B-6)

<table>
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<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
<th>CERTIFICATE/LICENSES TITLES AND TYPES</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S.Ed.</td>
<td>Generalist Concentration: 132</td>
<td>Childhood 1-6/Early Childhood Birth-2</td>
</tr>
</tbody>
</table>

**Program Description**

The Early Childhood (B-2) and Childhood (1-6) degree provides students with the skills they need to teach children from Birth to Sixth Grade. Upon successful completion of this program, students will earn a B.S.Ed. degree and certification in both Early Childhood (B-2) and Childhood (grades 1-6).

Medaille College’s Education programs seek to prepare constructive thinkers for today and tomorrow’s world. Teacher candidates are taught theoretical perspectives and practical applications of teaching. This ensures that graduates are prepared to successfully meet New York State Learning Standards in their classrooms. The generalist concentration embedded the Common Core Curriculum Learning Standards, Regents, Reform mandates, NY State Education department mandates, and Race to the Top content into the program in a coherent and consistent manner. Additionally, course content covers the performance indicators on the NYSTCEs.

The B.S.Ed. in Early Childhood/Childhood (B-6) Education Generalist Concentration is rigorous in nature and provides students with multiple opportunities to engage in practical application of coursework. The literacy courses and the methods courses will have instruction delivered in 2 hours blocks to allow students supervised opportunities in area schools.

The teacher candidates in this program as with the other education programs will graduate: knowing the subject matter in their certification areas; meeting the needs of diverse learners through effective pedagogy and best teaching practices; demonstrating scholarship supported by the use of technology; as caring and competent educators.

All students working toward New York State Certification will take coursework in the professional, field-centered curriculum. The program provides for completion of a campus-based course of study and clinical field experiences.

**Professional Dispositions**

The Department of Education at Medaille College prepares students to enter the world of teaching birth through grade twelve. We believe that a major component of professional teacher education (both in Medaille College classrooms and in P-12 schools) includes preparing students to fulfill professional habits of conduct. As part of the learning and preparation processes, students must understand and engage in professional behaviors that adhere to both policy and
guiding principles required in private and public schools and community agencies. The development of values such as commitment, responsible behavior, professional communication/collaboration, confidentiality, and integrity/honesty are essential for sustained employment within the professional workforce. Prospective educators are expected to view and assume these professional dispositions as a crucial component of their academic training.

The Professional Dispositions aligned with Medaille College and the Department of Education provide a framework for these professional behaviors. Instructors and staff will demonstrate and work with our students to assure that they understand and are able to demonstrate the dispositions in every class and learning experience. When interacting with administrators, professors, teachers, peers and students (while on all Medaille campuses and during field experiences), teacher candidates must exhibit their professional commitment to becoming an excellent teacher through engagement, words and actions. A full list of expected behaviors is located in program handbooks.

Students will sign an acknowledgement of these professional dispositions upon entrance to their program.

**Clinical Experiences**
Candidates are required to complete a minimum of 150 hours of clinical experience. These foundational and intermediate clinical experiences will include meaningful engagement with adolescent in Grades 7-12 to allow candidates to demonstrate the practices that support student learning and development in the field of education. Hours must be satisfactorily completed by the end of the semester of the corresponding course.

All students in initial certification programs are required to successfully complete a minimum of two culminating clinical student teaching placements. Graduate students must have satisfactorily completed all pre-requisites and have a minimum 2.0 GPA to participate in student teaching. For detailed student teaching information, go to http://www.medaille.edu/student-teaching.

Students who receive an unsatisfactory grade (U) for one student teaching placement must enroll and satisfactorily complete the one-credit course EDU 482: Refocus for Success and repeat the student teaching experience.

**Note: All education teacher candidates must be able to, with or without accommodation, complete all New York State mandated course, field experience, and student teaching requirement**

**Credit Distribution**

**B.S.Ed. Early Childhood/Childhood (B-6) Generalist Concentration**
Students must receive a grade of C or above for all pedagogical and concentration courses. Otherwise, the course must be repeated.
As a requirement for graduation, all students receiving a Bachelor of Science in Education degree must attain a minimum 2.0 cumulative average to graduate.

### General Education Core (33 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
<td></td>
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<tr>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Critical Dialogues Course:** INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]

**American Dialogues Course:** GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)

**Creative and Reflective Dialogues Course:** ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)

**Sustainability Dialogues Course:** GEN 240 Scientific Discovery (3), Courses TBA

**Global Dialogues Course:** ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)

**Citizenship Dialogues Course:** GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 114 Intermediate Algebra [or higher] (3)</td>
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</tr>
<tr>
<td>MAT 125 Concepts in Mathematics I (3)</td>
<td></td>
</tr>
<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
<td></td>
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</table>

### Major Requirements (33 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDU 207 DASA Seminar (Requires co-registration with EDU 210) (0)</td>
<td></td>
</tr>
<tr>
<td>EDU 210 Educational Foundations (Requires co-registration with EDU 207) (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 223 Educational Psychology (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 240 Literacy I: Language Development and Pre-Emergent Literacy (3)</td>
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<tr>
<td>EDU 241 Literacy II: Emergent to Early Readers and Writers (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 242 Literacy III: Transitional to Fluent Readers and Writers (3)</td>
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<tr>
<td>EDU 340 Child Abuse and School Violence and other Current Issues in Education (requires co-registration with ESP 230) (0)</td>
<td></td>
</tr>
<tr>
<td>EDU 370 Methods of Language Arts with Children’s Literature (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 371 Methods of Mathematics (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 372 Methods of Science and Technology (3)</td>
<td></td>
</tr>
<tr>
<td>EDU 373 Methods of Social Studies and Creative Arts (3)</td>
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<tr>
<td>EDU 375 Strategic Literacy Instruction for Diverse Learners (3)</td>
<td></td>
</tr>
</tbody>
</table>

www.medaille.edu
ESP 230 Introduction to Special Education (3)

**Student Teaching (15 credits)**
- EDU 378 Field Experiences and Seminars (3)
- EDU 478 Student Teaching (B-6)/Seminar (12)

**Liberal Arts and Sciences Courses (18 Credits)**
- Foreign Language I (3)
- MAT 201 Statistics & Society (3)
- HIS 140 Early United States History (3)
- PHY 104 Physical Science (3)
- PSY 100 Introduction to Psychology (3)
- PSY 210 Child Development (3)

**Computer Information Systems (3 credits)**
- CIS 175 Technology Applications in Education (3)

**Generalist Concentration (30 Credits)**
- ENG 205 Introduction to Literature or ENG 215 Survey of World Literature (3)
- ENG 210 Introduction to Creative Writing (3)
- ENG 375 Children’s Literature: From Ancient Myth to the Digital Age (3)
- ENG 485 The English Language: Past, Present & Future (3)
- MAT 126 Concepts in Math II (3)
- MAT 152 College Geometry (3)
- BIO 101 Biology (3)
- HIS 315 History of Ethnic America (3)
- HIS 402 New York State History (3)

Choose one of the following courses (3 credits):
- ENG 305 British Literature I: Middle Ages to the 18th Century (3)
- ENG 315 British Literature II: Late 18th Century to the Present (3)
- ENG 325 American Literature: Colonial to the Civil War (3)
- ENG 335 Literature of the United States: Civil War through the 21st Century (3)
- ENG 365 Multicultural Literature of the United States (3)

**Total Credit Hours: 132**

NEW YORK STATE TEACHER CERTIFICATION (NYSTCE)

Students seeking certification in New York must successfully complete the New York State Teacher Certification Exams (NYSTCE) as a prerequisite for certification.
**ENGLISH**

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.A.</td>
<td>120</td>
</tr>
</tbody>
</table>

**Program Description**

In our digital world, we read and write every day, bringing with it an urgency to learn how to critically approach written texts and to produce effective writing. A degree in English provides the flexibility, creativity, and cultural literacy demanded by many different fields today.

Students who complete the program earn a Bachelor of Arts in English. The core B.A. curriculum includes courses in American, British, and World Literature; Creative and Professional Writing; and a generous amount of electives, so the student majoring in English can either minor in another discipline or choose courses from across campus to fashion a program that focuses on their individualized needs.

Students who have a particular interest in the craft of writing can tailor their curriculum to combine their Bachelor of Arts in English with a formal concentration in either Creative Writing or Professional Writing.

Along with learning the art of writing effectively and thinking critically in a number of different contexts, the Medaille English major also emphasizes research skills in databases and search engines. In some classes, students also use social networks for group work and public outreach, or create an online magazine, or build their own websites.

English majors have the opportunity to learn publications skills through work on the campus literary magazine, *The Prelude*. The Write Thing Reading Series, sponsored by the English Program, brings locally, nationally, and internationally known authors to campus, and English majors have opportunities to meet and work with these guest writers.

Many courses within the major also allow for the exploration of the world outside the classroom. This can include direct engagement with the Western New York community; readings, performances, artworks, print publications, or digital creations made available to the Western New York community; or virtual outreach to other communities in geographically inaccessible areas outside of Western New York.

In addition, English majors have the opportunity to work as interns with local businesses and non-profit organizations. This field experience allows students to apply the knowledge, skills, and values that they have learned in a professional setting.

[www.medaille.edu](http://www.medaille.edu)
Ultimately, the English major provides excellent preparation for careers in teaching, law, business and management, government, publishing, technical writing, journalism, writing for media, public relations, digital writing and publishing, library science, grant writing, and many other areas of professional and creative endeavor.

The English Program also offers Minors in Creative Writing, Writing for the Professions, and Literature.

**Program Goals**

- To prepare students for careers in teaching, writing, content management, web production, and other fields that require precise communication and intellectual discernment
- To enrich students’ understanding of the historical development of American and British literature and of the English language
- To expose students to both canonical and non-canonical literary texts, as well as to literature in English outside of the American and British traditions
- To enhance students’ comprehension of the major genres of literary expression: prose, poetry, drama, and emerging forms
- To familiarize students with major critical - theoretical approaches to analyzing literary texts: as aesthetic objects, as historical registers, as social documents, as occasions for meditation or revolution
- To increase students’ abilities to read closely and to make informed critical judgments
- To develop students’ abilities to communicate clearly and persuasively orally, in writing, and online
- To develop and encourage students’ abilities to write original fiction, non-fiction, poetry, and/or dramatic texts, in both digital and traditional forms.
- To develop students’ awareness of cultural diversity so that they can communicate with reflection, sensitivity, and intelligence

**Credit Distribution**

**General Education Core (33 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
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</table>

| Critical Dialogues Course: INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective] |

| American Dialogues Course: GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3) |

<p>| Creative and Reflective Dialogues Course: ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3) |</p>
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<tr>
<th>Sustainability Dialogues Course: GEN 240 Scientific Discovery (3), Courses TBA</th>
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<tbody>
<tr>
<td><strong>Global Dialogues Course:</strong> ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)</td>
</tr>
<tr>
<td><strong>Citizenship Dialogues Course:</strong> GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)</td>
</tr>
<tr>
<td>MAT 114 Intermediate Algebra (3) [Or above, as determined by placement test. Students who meet the math competency must substitute a Liberal Arts &amp; Sciences Elective]</td>
</tr>
<tr>
<td>MAT 201 Statistics and Society (3)</td>
</tr>
<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
</tr>
<tr>
<td><strong>Major Requirements (33 credits)</strong></td>
</tr>
<tr>
<td>ENG 205 Introduction to Literature (3)</td>
</tr>
<tr>
<td>ENG 210 Introduction to Creative Writing (3)</td>
</tr>
<tr>
<td>ENG 215 Survey of World Literature (3)</td>
</tr>
<tr>
<td>ENG 305 British Literature: Middle Ages to the Eighteenth Century (3)</td>
</tr>
<tr>
<td>ENG 315 British Literature II: Late Eighteenth Century to the Present (3)</td>
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<td>ENG 325 American Literature: Colonial to the Civil War (3)</td>
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<tr>
<td>ENG 335 Literature of the United States: Civil War through the 21st Century (3)</td>
</tr>
<tr>
<td>ENG 365 Ethnic Literature in America (3)</td>
</tr>
<tr>
<td>ENG 435 Major Global Literary Figures (3)</td>
</tr>
<tr>
<td>ENG 460 Literary Theory and Cultural Studies: English Seminar (3)</td>
</tr>
<tr>
<td>ENG 477 English Field Experience (3)</td>
</tr>
<tr>
<td><strong>Major Electives (9 credits)</strong></td>
</tr>
<tr>
<td>Choose one (1) of the following (3 credits):</td>
</tr>
<tr>
<td>ENG 300 Fiction Workshop (3)</td>
</tr>
<tr>
<td>ENG 310 Poetry Workshop (3)</td>
</tr>
<tr>
<td>ENG 320 Drama Workshop (3)</td>
</tr>
<tr>
<td>Choose two (2) of the following (6 credits):</td>
</tr>
<tr>
<td>ENG 345 Film Art and Appreciation (3)</td>
</tr>
<tr>
<td>ENG 355 Major Literary Forms (3)</td>
</tr>
<tr>
<td>ENG 405 Themes and Topics in American Literature (3)</td>
</tr>
<tr>
<td>ENG 415 Themes and Topics in British Literature (3)</td>
</tr>
<tr>
<td>ENG 425 Themes and Topics in World Literature (3)</td>
</tr>
<tr>
<td><strong>Liberal Arts and Sciences Courses (15 credits)</strong></td>
</tr>
<tr>
<td>FRE 101 Elementary French I or SPA 101 Elementary Spanish I (3)</td>
</tr>
<tr>
<td>FRE 102 Elementary French II or SPA 102 Elementary Spanish II (3)</td>
</tr>
<tr>
<td>HUM 300 The Arts in Society (3)</td>
</tr>
<tr>
<td>PHI 170 Issues in Philosophy (3)</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>PHI 200 Logic (3)</th>
</tr>
</thead>
</table>

**Liberal Arts and Sciences Electives (12 credits)**

Choose two (2) 100-200 level courses from the following: APY, ART, BIO, CHE, CHI, ECO, ENG, GEO, HIS, HUM, LNG, MAT, MUS, PHI, PHY, POL, PSY, SSC, SOC, or THE course

Choose two (2) 300-400 level courses from the following: APY, ART, BIO, CHE, CHI, ECO, ENG, GEO, HIS, HUM, LNG, MAT, MUS, PHI, PHY, POL, PSY, SSC, SOC, or THE course

**Free Electives (18 credits; or, 9 credits with optional concentration)**

May include any college course. Electives should be chosen in consultation with the Department Chair and/or appropriate Program Director. English majors who choose to pursue a formal concentration in either Creative Writing or Professional Writing will use nine (9) of their free elective credits to fulfill the concentration requirements. As with all elective credits, majors should consult with the Department Chair and/or appropriate Program Director before scheduling any electives.

**Optional Concentrations: Creative Writing or Professional Writing**

English majors who choose to pursue a formal concentration in either Creative Writing or Professional Writing will use nine (9) of their free elective credits to fulfill the concentration requirements.

**Creative Writing**

ENG 477 English Field Experience (3)
ENG 400 Senior Portfolio (3)

Choose two (2) of the following (6 credits):

ENG 300 Fiction Workshop (3),
ENG 310 Poetry Workshop (3)
ENG 320 Drama Workshop (3)
ENG 498 Independent Study in Writing (3)

**Professional Writing**

ENG 260 Business and Professional Writing (3)
ENG 360 Advanced Report and Proposal Writing (3)
COM 200 Digital Media Production (3)

**Total Credit Hours: 120**
INTERNATIONAL STUDIES

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.A.</td>
<td>Intercultural Studies Concentration: 120 Credits</td>
</tr>
<tr>
<td></td>
<td>International Business Concentration: 120 Credits</td>
</tr>
<tr>
<td></td>
<td>International Law Concentration: 122 Credits</td>
</tr>
<tr>
<td></td>
<td>Urban Studies Concentration: 120 Credits</td>
</tr>
</tbody>
</table>

Program Description

Today’s increasingly competitive job market and graduate programs seek college graduates who can effectively integrate knowledge across a range of disciplines, and use such insights to articulate pragmatic solutions to complex local and global challenges. The International Studies major – housed in the Humanities Division – addresses this need by combining rigorous academic training with practical strategies for effective community engagement. This course of study offers its students a cross-cultural and trans historical perspective on the human condition, thereby providing them with the tools to engage with an interconnected and rapidly changing world. Students select from two of four possible concentrations that will prepare them for careers in business, law, government, and the humanities. An emphasis on community-based and experiential learning encourages students to consider their roles and responsibilities as citizens in a pluralistic democracy, helping to build a more just and sustainable future. Students are encouraged to study abroad to give them an opportunity to experience a foreign country.

Program Goals

- To enrich students’ understanding of the interconnectedness of peoples and cultures
- To expose students to cultural traditions and practices outside their world view
- To develop students’ awareness of cultural diversity so that they can communicate with reflection, empathy, and intelligence
- To prepare students to participate in a global dialogue
- To familiarize students with different disciplinary approaches to the international world
- To increase students’ abilities to read closely and to make informed critical judgments
- To develop students’ abilities to communicate clearly and persuasively, orally, in writing, and in multimedia
- To prepare students for careers in government, law, international business, cultural institutions, organizations servicing international concerns, education, writing, and other fields that require global awareness, cultural sensitivity, and intellectual discernment

Credit Distribution

**General Education Core (33 credits)**

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<tr>
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**Critical Dialogues Course**: INT 110 Critical Dialogues (3) [Required of first-year students; all]
other students must substitute a 300/400 level Liberal Arts and Sciences elective]

**American Dialogues Course:** GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)

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**Citizenship Dialogues Course:** GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)

**Major Requirements (18 credits)**

Major Core credits includes six credits of a Foreign Language.

- HIS 101 World Cultures (3)
- HIS 315 History of Ethnic America (3)
- INT 325 Intercultural Communication (3)
- ENG 215 Survey of World Literature (3)
- Foreign Language I (3)
- Foreign Language II (3)

**Liberal Arts and Sciences Courses (12 credits)**

- APY 100 Introduction to Anthropology (3)
- PHI 300 Ethics (3)
- SOC 100 Introduction to Sociology (3)
- POL 100 Introduction to Political Science (3)

**Experiential Learning (6 credits)**

- INT 377 Field Experience I (3)
- INT 477 Field Experience II (3)

**Intercultural Studies Concentration (Concentration I)**

Choose five (5) of the following (15 credits):

- ART 314 Survey of World Art I (3)
- ART 315 Survey of World Art II (3)
- ENG 365 Ethnic Literature in America (3)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENG 425</td>
<td>Themes and Topics in World Literature</td>
<td>3</td>
</tr>
<tr>
<td>GEO 310</td>
<td>Cultural Geography</td>
<td>3</td>
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<tr>
<td>HUM 300</td>
<td>The Arts in Society</td>
<td>3</td>
</tr>
<tr>
<td>INT 350</td>
<td>Seminar in Religion and Belief</td>
<td>3</td>
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</table>

**International Business Concentration (Concentration II)**
Choose five (5) of the following (15 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENG 260</td>
<td>Business and Professional Writing</td>
<td>3</td>
</tr>
<tr>
<td>MGT 299</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>MGT 325</td>
<td>International Business Strategy</td>
<td>3</td>
</tr>
<tr>
<td>MGT 415</td>
<td>Diversity in Organizations</td>
<td>3</td>
</tr>
<tr>
<td>ECO 200</td>
<td>Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>INT 411</td>
<td>Global Leadership</td>
<td>3</td>
</tr>
</tbody>
</table>

**International Law Concentration (Concentration III)**
Take five (5) of the following (17 credits):

Choose 1 of the following courses (3):
- CRJ 201 Introduction to Criminal Justice
- CRJ 401 Constitutional Issues in Criminal Justice
- PHI 200 Logic

Choose 1 of the following courses (3):
- ENG 270 Argument and Persuasion
- ENG 360 Advanced Report Writing

Choose 1 of the following courses (3):
- HIS 140 Early United States History
- HIS 150 Contemporary United States History

The following courses are required (8 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HLS 300</td>
<td>Administering Homeland Security</td>
<td>4</td>
</tr>
<tr>
<td>HLS 301</td>
<td>Homeland Security</td>
<td>4</td>
</tr>
</tbody>
</table>

**Urban Studies Concentration (Concentration IV)**
Choose five (5) of the following (15 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>APY 300</td>
<td>Urban Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>CRJ 250</td>
<td>Social Issues in Policing a Multicultural Community</td>
<td>3</td>
</tr>
<tr>
<td>GEO 310</td>
<td>Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIS 310</td>
<td>Urban History</td>
<td>3</td>
</tr>
<tr>
<td>HIS 401</td>
<td>History of Buffalo</td>
<td>3</td>
</tr>
<tr>
<td>PHI 368</td>
<td>The American City</td>
<td>3</td>
</tr>
</tbody>
</table>

**Free Electives (21 Credits)**

May include any college course. Students are highly encouraged to use some of their free elective credits for study abroad.

**Total Credit Hours: 120**
PROGRAM DESCRIPTION

The Liberal Studies program is part of the College’s Department of Interdisciplinary Studies and is based on the development of an individualized course of study by a student and his/her advisor. This approach allows students to tailor their coursework to some degree in order to meet their personal interests and needs. Apart from the basic liberal arts requirements, students are free to select a major percentage of their courses within elective categories. Students are given significant responsibility for planning a coherent study program and afforded the freedom and opportunity to sample many disciplines and career areas.

PROGRAM GOALS

- Encourage students’ pursuit and enjoyment of an expanded intellectual life.
- Promote the development of strong skills in the areas of critical reading and thinking, communication, quantitative analysis, and information literacy.
- Foster a deep understanding of and hands-on experience with inquiry practices of disciplines that explore the natural, social and cultural realm and their relation to each other.
- Cultivate habits of the mind that foster integrative thinking and the ability to transfer skills and knowledge from one setting to another.
- Develop proactive sense of responsibility for individual, civic, and social choices.

**Note: Elective courses are broken into two categories.**

Liberal arts and sciences electives which must be chosen from offerings in humanities, social sciences, multimedia, natural sciences or mathematics. Free electives which may include the previous broad subject areas as well as any of Medaille College’s career courses and professional, technical and occupational courses transferred from two- or four-year institutions. Other non-traditional approaches to granting credit, such as Prior Learning Assessment, may also be applied toward the Liberal Studies degree.

The degree options of the Liberal Studies program allow students the opportunity to utilize prior recognized educational and professional experiences which frequently are not applicable or transferable to other degree programs. Because of the unique nature of the program, an individual interested in obtaining the Liberal Studies degree should consult with the Department Chair in order to discuss his/her educational background and to plan an educational goal. Students must work closely with their Academic Advisor throughout their studies to discuss course selections. It is also strongly recommended that early in the program students visit the

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Career Planning and Placement Office to help them identify their own personal and career goals. This goal identification is of great importance to students when selecting electives which will help them meet their needs.

Liberal Studies students may complete a specific, existing academic minor or choose to organize their electives around a central topic or theme such as American Studies. In planning their program, students may use such a central theme, for example, to organize and integrate liberal arts electives in humanities and social sciences with free electives in political science. Another example could be students interested in working in sales who might take a combination of courses in business, advertising, speech, writing, public relations and other related areas to prepare them for success in this field. Many other theme areas are possible.

**Credit Distribution (A.S.)**

**General Education Core (15 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 100 Fundamentals of College Writing (3) OR ENG 105 Fundamentals of College Reading and Writing (3) OR ENG 102 Fundamentals of College Reading &amp; Writing for Multilingual Students AND ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3) OR ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3) AND ENG 200 Advanced College Writing (3) OR ENG 112 Advanced College Writing for Multilingual Students (3)</td>
<td></td>
</tr>
<tr>
<td>MAT 114 Intermediate Algebra (3) [Students who meet the math competency must substitute a Free Elective]</td>
<td></td>
</tr>
<tr>
<td>MAT 201 Statistics and Society (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Critical Dialogues Course:** INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]

**Liberal Arts and Sciences Courses (18 credits)**

<table>
<thead>
<tr>
<th>Electives</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Electives (6): May include any ART, DAN, ENG, FRE, HUM, MUS, PHI, SPA, SPE, or THE course</td>
<td></td>
</tr>
<tr>
<td>Social Sciences Electives (6): May include any APY, CRJ, ECO, GEO, HIS, POL, PSY, SSC, SOC course</td>
<td></td>
</tr>
<tr>
<td>Liberal Arts and Sciences Electives (6): May include any APY, ART, BIO, CHE, CHI, CRJ, DAN, ENG, ECO, FRE, GEN, GEO, HIS, HUM, INT, MAT, MUS, PHI, PHY, POL, PSY, RDG, SSC, SOC, SPA, SPE, or THE course</td>
<td></td>
</tr>
</tbody>
</table>

**Free Elective Component (27 credits)**

May include any College course. Because of the limited number of elective hours required for the associate degree, the in-depth concept and theme topics are not required. However, students are encouraged to organize their electives according to their future career and educational goals. In addition, students are counseled to select courses which may later lead to a baccalaureate degree.
Total Credit Hours: 60

<table>
<thead>
<tr>
<th>Credit Distribution (B.S.)</th>
<th>General Education Core (33 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
</tr>
<tr>
<td></td>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)</td>
</tr>
<tr>
<td>Critical Dialogues Course:</td>
<td>INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]</td>
</tr>
<tr>
<td>American Dialogues Course:</td>
<td>GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)</td>
</tr>
<tr>
<td>Creative and Reflective Dialogues Course:</td>
<td>ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)</td>
</tr>
<tr>
<td>Sustainability Dialogues Course:</td>
<td>GEN 240 Scientific Discovery (3), Courses TBA</td>
</tr>
<tr>
<td>Global Dialogues Course:</td>
<td>ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)</td>
</tr>
<tr>
<td>Citizenship Dialogues Course:</td>
<td>GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)</td>
</tr>
<tr>
<td>Experiential Learning (3 credits)</td>
<td>MAT 114 Intermediate Algebra (3) [Students who meet the math competency must substitute a Free Elective]</td>
</tr>
<tr>
<td></td>
<td>MAT 201 Statistics and Society (3)</td>
</tr>
<tr>
<td></td>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
</tr>
<tr>
<td>Liberal Arts and Sciences Courses (18 credits)</td>
<td>Any 377/477 level course</td>
</tr>
<tr>
<td>ENG 205 Introduction to Literature or ENG 215 Survey of World Literature (3)</td>
<td>Choose any five (5) of the following (15):</td>
</tr>
<tr>
<td>APY 100 Introduction to Anthropology (3)</td>
<td>ECO 200 Macroeconomics or ECO 201 Microeconomics (3)</td>
</tr>
<tr>
<td>GEO 110 Physical Geography (3)</td>
<td>HIS 100 Western Civilization or HIS 101 World Cultures or HIS 140 Early United States History or HIS 150 Contemporary United States History (3)</td>
</tr>
<tr>
<td>POL 100 Introduction to Political Science or POL 101 United States Government (3)</td>
<td>PSY 100 Introduction to Psychology (3)</td>
</tr>
<tr>
<td>SOC 100 Introduction to Sociology (3)</td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Liberal Arts and Sciences Electives (18 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose six 300/400 level liberal arts and sciences electives, including: APY, ART, BIO, CHE, CHI, CRJ, DAN, ECO, ENG, FRE, GEN, GEO, HIS, HUM, MAT, MUS, PHI, PHY, POL, PSY, RDG, SSC, SOC, SPA, SPE, or THE courses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Free Elective Component (48 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>May include any College course.</td>
</tr>
</tbody>
</table>

| Total Credit Hours: 120 |
MATHEMATICS

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S.</td>
<td>122</td>
</tr>
</tbody>
</table>

Program Description
As the world becomes increasingly complex, information skills become increasingly vital. The ability to collect relevant data, process it, and make decisions based upon the results is a common theme in industrialized society. An aspect of the Mathematics program is to provide an opportunity to enhance these information skills by covering the core areas of mathematics. Not only are these skills invaluable for graduate school and postdoctoral research in mathematics, but they also facilitate the study of physics, chemistry, biology, and computer science as well as areas of economics, finance, and psychology. The logical, statistical, and communication expertise developed in the program are valuable skills for most careers.

The Mathematics major at Medaille College is designed to introduce the core areas of mathematics and their roles in more specialized fields. Students will complete a course of study anchored in analysis, algebra, and topology, which can be used to study other areas including dynamical systems and functional analysis. Students can tailor this program to areas of science or business via free electives. Special areas in mathematics can be explored through a variety of independent study topics that are close to student and faculty interests.

There is a 36-credit core of courses that will expose students to a three part Calculus sequence along with Differential Equations, Linear Algebra, and a two part Statistics and Probability sequence. The core courses also include the more theoretical areas of Number Theory, Abstract Algebra, Real and Complex Analysis, and Topology. The student can choose between a two semester sequence in either Chemistry or Physics to complete the science requirement.

The mission of the B.S. program in Mathematics at Medaille College is twofold. The first charge is to provide activities which allow students to develop the expertise needed for career success, including translating and understanding research level mathematics. This knowledge will be developed through strong experiences in computational skills, academic programming, technological applications, critical thinking, analysis tactics, and problem solving. These experiences will occur during student-student and student-faculty interaction in the classroom and at social events such as seminars and colloquia. The second charge is to encourage awareness of the people and events that contribute to the shape of Mathematics. This awareness will develop through discourse among students and faculty and be woven into instruction. Besides fostering an environment conducive to mathematics research, the program also emphasizes the importance of communicating the subject effectively, either to mathematically or non-mathematically oriented audiences.

Students will complete a program that is anchored by Analysis, Algebra and Topology, which is at the root of study for nearly any mathematical endeavor that they may wish to pursue. Majors
can tailor this program to areas of Science or Business via free electives, as well as special areas of Mathematics from a variety of independent study topics that are close to current faculty interests. Students are required to take Topology and Complex Analysis.

**Program Goals and Objectives**
- Students shall develop an understanding of the central components of Mathematics and their interaction in special areas.
- Students shall develop primary tools relevant to performing Mathematics in their chosen fields.
- Students shall develop ancillary tools relevant to research level Mathematics.

**Credit Distribution**

**General Education Core (33 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
<td></td>
</tr>
<tr>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)</td>
<td></td>
</tr>
</tbody>
</table>

**Critical Dialogues Course:** INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]

**American Dialogues Course:** GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)

**Creative and Reflective Dialogues Course:** ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)

**Sustainability Dialogues Course:** GEN 240 Scientific Discovery (3), Courses TBA

**Global Dialogues Course:** ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)

**Citizenship Dialogues Course:** GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)

**Major Requirements (36 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAT 251 Calculus I (3)</td>
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</tr>
<tr>
<td>MAT 381 Statistics and Probability I (3)</td>
<td></td>
</tr>
<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 151 Trigonometry/Geometry (3)</td>
<td></td>
</tr>
<tr>
<td>MAT 182 Discrete Math (3)</td>
<td></td>
</tr>
<tr>
<td>MAT 252 Calculus II (3)</td>
<td></td>
</tr>
<tr>
<td>MAT 255 Number Theory (3)</td>
<td></td>
</tr>
<tr>
<td>MAT 260 Linear Algebra (3)</td>
<td></td>
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</tbody>
</table>

[www.medaille.edu](http://www.medaille.edu)
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 261 Calculus III</td>
<td>3</td>
</tr>
<tr>
<td>MAT 342 Abstract Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT 361 Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MAT 382 Statistics and Probability II</td>
<td>3</td>
</tr>
<tr>
<td>MAT 421 Real Variables</td>
<td>3</td>
</tr>
<tr>
<td>MAT 442 Complex Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MAT 450 Topology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Liberal Arts and Sciences Courses (20 credits)**

- Two humanities electives (6 credits)
- Two social sciences electives (6 credits)
- Two-course science sequence (8 credits) PHY 200 Principles of Physics I (4) and PHY 201 Principles of Physics II (4) OR CHE 200 General Chemistry I (4) and CHE 201 General Chemistry II (4)

**Free Electives (33 credits)**

May include any College course.

**Total Credit Hours: 122**
PSYCHOLOGY

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.A.</td>
<td>120</td>
</tr>
</tbody>
</table>

**Program Description**

The Bachelor of Arts degree program in Psychology is designed to provide students with a broad-based understanding of psychology, and, through an appropriate choice of electives, the opportunity to tailor courses of study to fit specific interests and career objectives.

The purpose of the Bachelor of Arts degree program is to provide intensive training to those students who desire a foundation for graduate work in psychology, or who choose to further education in a graduate program in business, human services, law, mental health, etc. It also provides a strong preparation for careers in fields which require knowledge of human behavior, leadership and motivation, and advanced social skills.

The Bachelor of Arts degree program consists of a 45 credit core of courses that includes 18 required credits in basic psychology, statistics, and research methods, followed by 27 credits of psychology electives.

**Program Goals**

**Excellence in Teaching:**
- Experienced faculty
- Faculty represent multiple disciplines in the field
- Faculty are rated highly in terms of student satisfaction
- Personal Attention
- Faculty meet regularly with students to advise and mentor
- Faculty write letters of recommendation; review graduate school application materials
- help students identify area of graduate study they wish to pursue and schools to take them to next step

**Scientific Foundation:**
- Courses in Research Methods, Writing in Psychology (APA style), Statistics
- Discussion of empirical research as the foundation of Psychological science is infused in every class
- Experiential learning includes brain dissection; empirical research design; literature reviews; data analysis & interpretation
- Course content includes comprehensive learning of major theory in all disciplines in Psychology, as well as review and discussion of seminal historical research that shapes current understanding and research directions in the field

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Career-Oriented:
- Internships are required and provide invaluable real-world experiential learning to apply classroom learning and concepts
- Faculty contacts with community leaders and workers in Psychology and mental health related fields give students access to professionals who act as examples and provide learning opportunities
- Preparation for graduate studies is part of the Psychology program curriculum; students are informed of the requirement of graduate education for a successful career path in psychology related fields
- Community partnerships and service learning opportunities are combined with classroom learning in many courses to help students bring their learning into real world environments and situations
- The Psychology program has key elements embedded in every course to identify and grow critical thinking skills in all students

Student Success:
- The Psychology program faculty coordinates resources within and without the Medaille College community to provide comprehensive services for students to insure their academic success

Program Development:
- Faculty continue to develop and introduce courses into the curriculum related to current topics in Psychology (e.g. trauma; popular psychology; counseling; etc.)

Resource Allocation:
- The Psychology program faculty coordinates and develops resources within and without the Medaille College community to provide comprehensive services for students to insure innovation in teaching and learning

Community:
- Faculty in the Psychology program partner with agencies and professionals in the WNY community to enrich learning opportunities for students
- Internship and Service Learning opportunities connect students to real world situations and environments where they see and experience psychological theories, concepts, research, and human behavior in action

Credit Distribution

<table>
<thead>
<tr>
<th>General Education Core (33 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
</tr>
<tr>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)</td>
</tr>
</tbody>
</table>

**Critical Dialogues Course:** INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]
### American Dialogues Course:
- GEN 220 Justice and Democracy in America (3) OR HIS 200
- African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)

### Creative and Reflective Dialogues Course:
- ART 240 Beginning Drawing (3) OR ENG 210
- Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)

### Sustainability Dialogues Course:
- GEN 240 Scientific Discovery (3) OR Courses TBA

### Global Dialogues Course:
- ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)

### Citizenship Dialogues Course:
- GEN 411 Baccalaureate Capstone II (3) OR INT 450
- Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)

### MAT 114 Intermediate Algebra (3) [Students who meet the math competency must substitute an LAS Elective]

### PSY 207 Psychological Statistics (3)

### PSY 250 Research Methods in Psychology (3)

### PSY 350 Psychology Research and Writing (3)

### PSY 370 Abnormal Human Behavior (3)

### PSY 377 Undergraduate Internship (3)

## Major Requirements (18 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 100 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 207 Psychological Statistics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 250 Research Methods in Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 350 Psychology Research and Writing</td>
<td>3</td>
</tr>
<tr>
<td>PSY 370 Abnormal Human Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PSY 377 Undergraduate Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

## Psychology Electives (27 credits)

Students must choose 9 courses from the following of which at least 8 courses or 24 credit hours must be PSY courses: PSY 210, PSY 230, PSY 240, PSY 247, PSY 298, PSY 300, PSY 310, PSY 320, PSY 321, PSY 349, PSY 351, PSY 368, PSY 379, PSY 385, PSY 398, PSY 420, PSY 421, PSY 477, PSY 498, EDU 223, SSC 200, SOC 401. Additionally, 5 courses (15 credits) must be a 300/400-level course.

## Liberal Arts and Sciences Courses (21 credits)

Students are required to complete 21 credits of Liberal Arts and Sciences Electives, 9 credits of which must be 300/400-level courses. Liberal Arts and Science course include: APY, ART, BIO, CHE, CRJ, ECO, ENG, FRE, GEN, GEO, HIS, HUM, LNG, MAT, PHI, PHY, POL, PSY, RDG, SSC, SOC, SPA, SPE, and THE courses.

## Free Elective Component (21 credits)

May include any College course.

### Total Credit Hours: 120
SPORT COMMUNICATIONS

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S.</td>
<td>120</td>
</tr>
</tbody>
</table>

Program Description
The area of Sport Communications has grown dramatically in recent years, especially in WNY with Pegula Sports and Entertainment now in Buffalo. The Sport Communications program includes the Sociological and Psychological aspect of Sports, as sports reporting today, is about much more than covering games and profiling athletes. Reporting includes areas such as steroid use, racism and other controversial issues. This program combines vital aspects of Mass Media with Sports History, Psychology and Field Placements in the Sporting industry. Students will also have the necessary foundation of writing and oral communication skills that will assist them in their field placements and careers.

In addition, the online sports industry has become a major part of sports, so it is a logical step that there would be an interest/need for a Sport Communications degree. Also, Buffalo is a huge sports town and faculty in both the Communications and Sport Management programs have professional connections with all the local sports teams.

Program Objectives:
- To enrich students’ understanding of the interconnectedness of sport and media/communications.
- To expose students to the sociological and psychological aspects of sports
- To prepare students to the variety of areas of sport reporting, including racism, drug use, athlete profiling and other controversial topics.
- To prepare students with a necessary foundation of writing and oral communication skills that will assist them in their field placements and careers.
- To familiarize students with all platforms of sport reporting and coverage, including social media, electronic media, print and web development.

Credit Distribution

General Education Core (33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
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<td>Critical Dialogues Course: INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]</td>
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</tr>
<tr>
<td>American Dialogues Course: GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)</td>
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</tr>
<tr>
<td>Creative and Reflective Dialogues Course: ART 240 Beginning Drawing (3)OR ENG 210</td>
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</tbody>
</table>
### Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)

**Sustainability Dialogues Course:** GEN 240 Scientific Discovery (3), Courses TBA

**Global Dialogues Course:** ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)

**Citizenship Dialogues Course:** GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)

MAT 114 Intermediate Algebra (3)

MAT 201 Statistics and Society (3)

SPE 130 Fundamentals of Public Speaking (3)

### Major Requirements (42 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 110 Journalism in the Digital Age</td>
<td>3</td>
</tr>
<tr>
<td>COM 200 Digital Media Production</td>
<td>3</td>
</tr>
<tr>
<td>COM 211 Writing for Media</td>
<td>3</td>
</tr>
<tr>
<td>COM 380 Sports and Media Coverage</td>
<td>3</td>
</tr>
<tr>
<td>COM 475 Media and Society Seminar</td>
<td>3</td>
</tr>
<tr>
<td>COM Any</td>
<td>3</td>
</tr>
<tr>
<td>COM Any</td>
<td>3</td>
</tr>
<tr>
<td>PSY 385 Sports Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 301 Sports in Society</td>
<td>3</td>
</tr>
<tr>
<td>SPM 220 Sports Leadership and Management</td>
<td>3</td>
</tr>
<tr>
<td>SPM 320 Sports Promotion</td>
<td>3</td>
</tr>
<tr>
<td>SPM Any</td>
<td>3</td>
</tr>
<tr>
<td>SPM Any</td>
<td>3</td>
</tr>
<tr>
<td>SPM Any</td>
<td>3</td>
</tr>
</tbody>
</table>

### Experiential Learning (12 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 277 Field Experience I</td>
<td>3</td>
</tr>
<tr>
<td>COM 377 Field Experience II</td>
<td>3</td>
</tr>
<tr>
<td>COM 477 Field Experience III</td>
<td>6</td>
</tr>
</tbody>
</table>
**Liberal Arts and Sciences (24 credits)**

PHI 200 Logic (3) or PHI 300 Ethics (3)  
PSY 100 Introduction to Psychology (3)  
SOC 100 Introduction to Sociology (3)  
SPE 315 Advanced Public Speaking (3)  
LAS Elective (3)  
LAS Elective (3)  
300/400 Level LAS Elective (3)  
300/400 Level LAS Elective (3)

**Free electives (9 credits)**

May include any College course.

**Total Credit Hours: 120**
SPORT MANAGEMENT

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S.</td>
<td>120</td>
</tr>
</tbody>
</table>

Program Description
Sport Management involves applying marketing and communication concepts as well as the management principles of planning, organizing, leading, and directing to the unique industry of commercial sport. Emphasis is placed on the production, facilitation, promotion, and organization of sport products and services. Because the more than $500 billion sport industry demands sport communicators, marketers, administrators, and managers with a specialized combination of functional business and sport management skills, the Sport Management bachelor’s degree incorporates a core of business management courses and a core of sport specific courses.

The Sport Management program is actively involved in preparing students for working in the fields of sport, leisure and recreation. Faculty will promote, stimulate, and encourage study, research, scholarly writing, and professional development in the area of sport management—both theoretical and applied aspects (North American Society of Sport Management. NASSM 2006).

Medaille College’s Sport Management program now offers all courses required by New York State Education Department to obtain a New York State Coaching Certificate (Sport Specific). Supporting the College’s mission, the Sport Management program fosters an excellent, intellectually stimulating program that prepares students for productive careers responsive to the sport industry’s employment needs. Possessing tremendous expansion potential, The Sport Management program contributes to the College’s well-known flexible delivery system. The curriculum integrates a core of general education themes, career preparation, and learning through experience.

The Sport Management program will continue to recruit and maintain student-oriented, professional faculty and staff. The faculty, in conjunction with the office of institutional advancement, will continue to seek resources for the College. The versatile curriculum will allow us to recruit and retain a motivated, qualified and diverse student body. Utilizing the institution’s various academic units and programs, all students in The Sport Management program will work within the community to enhance quality of life and offer lifelong learning opportunities.

Areas of Focus:
Recreation/Community Agency leadership
High School Sports
Sports Psychology/Behavioral Services
Event Planning and Management

www.medaille.edu
Superior Internship Program
Located in the heart of a Professional Sport Market, Sports Management Students at Medaille are provided remarkable opportunities for internships with Buffalo's Professional Sport Teams, NCAA Division I Programs, Youth Sport Organizations, Sport Media Outlets, Community Centers, YMCA, Boys and Girls Clubs, High School Athletics and Sport Merchandising companies. Students have also opted to spend a Semester abroad to gain International experience.

Program Goals
Student Success: The Program seeks to enhance student understanding of career related fields, improve the retention rate of its students, increase the quality and quantity of network opportunities, and continuously improve the curricula that develops the knowledge, skills, and values of its graduates so that students are prepared for productive careers in a global economy.

Academic Program: The Program will expand its academic program array, enhance its delivery methods, and continuously improve the curriculum so that students can select from a variety of quality programs that prepare them for the global work environment.

Faculty Involvement: The Program will innovatively increase its support for faculty and staff in order to attract, develop, and retain talented faculty/staff who continuously improve the quality of teaching, advising, research, and service.

Community Engagement: The Program focuses on both the success of every student and on the difference that each can make in building a better community and serving the common good. The intent of these strategic initiatives are to help students learn beyond the classroom and to give students the inspiration that can help turn individual and communal aspirations into realities.

Program Outcomes
Students will be able to demonstrate an understanding of:
- Sport marketing, promotion, sponsorship and naming rights
• Employment perspectives, leadership, sport and the law, personnel management,
• Managing venues and events, operations, risk and security management
• Commercial development of sport and sporting properties
• Strategic, tactical and change management
• Broadcasting, media and technology
• Finance and accounting
• Globalization and international management
• Athletic Coaching and Leadership
• Analyzing the ever-changing parameters of the sport business industry

Credit Distribution

General Education Core (30 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
<td>ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)</td>
</tr>
</tbody>
</table>

Critical Dialogues Course: INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]

American Dialogues Course: GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)

Creative and Reflective Dialogues Course: ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)

Sustainability Dialogues Course: GEN 240 Scientific Discovery (3), Courses TBA

Global Dialogues Course: ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)

Citizenship Dialogues Course: Gen 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)

MAT 115 Pre-Calculus or MAT 216 Survey of Introductory Calculus (3)

SPE 130 Fundamentals of Public Speaking (3)

Major Requirements (48 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACC 101 Financial Accounting (3)</td>
<td>ECO 201 Microeconomics (3)</td>
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<tr>
<td>ECO 380 Economics of Sports (3)</td>
<td>MGT 175 Management Concepts and Communication (3)</td>
</tr>
<tr>
<td>MGT 240 Financial Management (3)</td>
<td>MGT 335 Organizational Behavior (3)</td>
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</table>

www.medaille.edu
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MGT 420</td>
<td>Strategic Management I</td>
<td>3</td>
</tr>
<tr>
<td>MIS 240</td>
<td>Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>PSY 385</td>
<td>Sport Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 301</td>
<td>Sports in Society</td>
<td>3</td>
</tr>
<tr>
<td>SPM 220</td>
<td>Management and Leadership in Sport Organizations</td>
<td>3</td>
</tr>
<tr>
<td>SPM 320</td>
<td>Sport Marketing and Promotion</td>
<td>3</td>
</tr>
<tr>
<td>SPM 325</td>
<td>Legal and Ethical Issues in Sport and Recreation</td>
<td>3</td>
</tr>
<tr>
<td>SPM 335</td>
<td>Sport Event Management</td>
<td>3</td>
</tr>
<tr>
<td>SPM 340</td>
<td>History and Philosophy of Sport</td>
<td>3</td>
</tr>
<tr>
<td>SPM 400</td>
<td>Sport Facility Planning and Management</td>
<td>3</td>
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<tr>
<td><strong>Experiential Learning (6 credits)</strong></td>
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<tr>
<td>SPM 377</td>
<td>Field Experience I</td>
<td>3</td>
</tr>
<tr>
<td>SPM 477</td>
<td>Field Experience II</td>
<td>3</td>
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<tr>
<td><strong>Liberal Arts and Sciences (24 credits)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECO 260</td>
<td>Econometrics I</td>
<td>3</td>
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<tr>
<td>ECO 261</td>
<td>Econometrics II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 260</td>
<td>Business and Professional Writing</td>
<td>3</td>
</tr>
<tr>
<td>INT 411</td>
<td>Global Leadership</td>
<td>3</td>
</tr>
<tr>
<td>MAT 114</td>
<td>Intermediate Algebra [Students who meet the math</td>
<td>3</td>
</tr>
<tr>
<td>PHI 300</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 100</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Free electives (12 credits)</strong></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>May include any College course.</td>
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</tr>
<tr>
<td><strong>Total Credit Hours: 120</strong></td>
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</tr>
</tbody>
</table>


**VETERINARY TECHNOLOGY**

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.S.</td>
<td>72</td>
</tr>
<tr>
<td>B.S.</td>
<td>120</td>
</tr>
</tbody>
</table>

**Program Description**

This rigorous program accredited by the American Veterinary Medical Association (AVMA) combines professional, liberal arts, basic sciences, and two Preceptorship (field experience) requirements. Students will earn an Associate Degree (A.S.) and also have the opportunity to apply all credits towards a Bachelor’s Degree (B.S.). The Associate Degree entails seventy-two credits over two academic years, but may be adjusted to accommodate a student’s special needs. The Bachelor’s Degree can be obtained after two additional years of study and will include specialization courses in Veterinary Technology, upper level sciences and diverse General Education topics. Students may also choose the Pre-Veterinary pathway and complete prerequisite courses for application to Veterinary schools.

The Veterinary Technology program focuses on laboratory testing techniques, clinical assisting and animal nursing procedures in modern state-of-the-art facilities. Diagnostics, treatments, and medical ethics are stressed. Lecture sessions utilize computer-assisted instruction and technological “smart classrooms,” with an emphasis on clinical courses and hands-on laboratory exercises. “Reality-based” teaching techniques, including the use of case-studies and interactive computer-based activities, connect classes and clinical laboratory experiences with current veterinary practice. These are complemented with two off-campus Preceptorships. The Buffalo Zoo, Erie County SPCA, Roswell Park Cancer Institute, SUNY Buffalo, Veterans Hospital and local Buffalo and Rochester Veterinary Hospitals cooperate with Medaille College. Large animal facilities and local farms provide opportunities to work with equine and agricultural animals. The Medaille College student will become familiar with medical procedures for companion, laboratory, exotic and all major large animal species. As a Veterinary Technician employment is available in veterinary hospitals, equine and food animal practices, the pharmaceutical industry, biological testing labs, state and federal government agencies, medical Colleges and universities, and animal breeding facilities. The Bachelor’s Degree will enhance a student’s knowledge and skills, providing additional opportunities for pursuing career goals and advanced graduate studies.

Admission to the College is based on Medaille College Admission Policies. Those entering as Provisional students and placing into developmental courses will require additional semesters to complete the A.S. degree. All VET courses above VET 120 require formal acceptance into the Veterinary Technology program. The Veterinary Technology program requires student time beyond scheduled class and laboratory hours. Animal Care and Vivarium responsibilities (in new and spacious animal housing facilities), clinical laboratory testing and animal supervision are some of the assigned duties which require substantial time outside the classroom. Travel to and

[www.medaille.edu](http://www.medaille.edu)
from instructional programs held off the Buffalo Campus, such as farm animal labs, necessitates additional student time.

Those students wishing to pursue a Bachelor’s Degree, including courses required for veterinary school admission, can do so in conjunction with the Veterinary Technology program. Flexibility in the various Bachelor Degree programs affiliated with the A.S. in Veterinary Technology will allow participants to satisfy the admissions requirements for most professional post-graduate medical programs of several professions.

A Veterinary Technology Handbook of policies, procedures, and needed materials will be furnished to each Veterinary Technology student in their first semester. An Orientation Day specific to the Veterinary Technology program is required for every student before their entrance into the program and prior to their beginning clinical courses.

To graduate with an Associate in Science degree, students must complete all required courses with not less than an overall 2.0 (C) average and not less than a 2.0 (C) average in Veterinary Technology courses. Majors in this program may not take any Veterinary Technology course as a Pass/Fail.

Students within six (6) months of graduation in the Associate Degree program are eligible to take the Veterinary Technician National Examination (VTNE). As graduates of an AVMA accredited program, and passage of the VTNE, Medaille College students can be licensed in New York State and become eligible for reciprocal licensing in most other states.

**Credit Distribution (A.S.)**

**General Education Core (9 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)</td>
<td></td>
</tr>
<tr>
<td><strong>Critical Dialogues Course:</strong> INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]</td>
<td></td>
</tr>
<tr>
<td>SPE 130 Fundamentals of Public Speaking (3)</td>
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</table>

**Major Requirements (31 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>VET 100 Introduction to Veterinary Technology (3)</td>
<td></td>
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<tr>
<td>VET 120 Introduction to Laboratory Animal Science (3)</td>
<td></td>
</tr>
<tr>
<td>VET 126 Animal Parasitology (2)</td>
<td></td>
</tr>
<tr>
<td>VET 202 Small Animal Diseases and Nutrition (3)</td>
<td></td>
</tr>
<tr>
<td>VET 204 Veterinary Clinical Laboratory Techniques (3)</td>
<td></td>
</tr>
<tr>
<td>VET 206 Handling and Care of Exotics (2)</td>
<td></td>
</tr>
<tr>
<td>VET 208 Veterinary Diagnostic Imaging (2)</td>
<td></td>
</tr>
<tr>
<td>VET 222 Farm Animal Restraint, Diseases, and Nutrition (3)</td>
<td></td>
</tr>
<tr>
<td>VET 224 Surgical Nursing and Anesthesiology (3)</td>
<td></td>
</tr>
<tr>
<td>VET 226 Veterinary Practice Management (3)</td>
<td></td>
</tr>
<tr>
<td>VET 228 Gross and Clinical Pathology (1)</td>
<td></td>
</tr>
<tr>
<td>VET 230 Pharmacy and Pharmacology (3)</td>
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</tr>
</tbody>
</table>
## Experiential Learning (5 credits)
- VET 177 Preceptorship I (1)
- VET 276 Small Animal Nursing Skill Preceptorship (1)
- VET 277 Preceptorship II (3)

## Liberal Arts and Sciences Required Courses (21 credits)
- BIO 170 Comparative Anatomy and Physiology I (5)
- BIO 171 Comparative Anatomy and Physiology II (5)
- BIO 200 Microbiology (4)
- CHE 145 Chemistry for the Health Sciences (4)
- MAT 112 Mathematics for the Sciences (3)

## Liberal Arts and Sciences Elective Component (6 credits)
May include any APY, ART, BIO, CHE, CHI, CRJ, ECO, ENG, FRE, GEN, GEO, HIS, HUM, MAT, PHI, PHY, POL, PSY, RDG, SSC, SOC, SPA, SPE, or THE course.

Students anticipating enrollment in the Bachelor of Science degree program in Biology or Veterinary Technology or wishing to satisfy prerequisites for applying to Veterinary school should consult with the Veterinary Technology Department Chair/Program Director for appropriate course selections.

**TOTAL CREDIT HOURS: 72**

## Credit Distribution (B.S.)
### General Education Core (30 credits)
- ENG 110 College Writing (3) OR ENG 112 College Writing for Multilingual Students (3)
- ENG 200 Advanced College Writing (3) OR ENG 202 Advanced College Writing for Multilingual Students (3)

**Critical Dialogues Course:** INT 110 Critical Dialogues (3) [Required of first-year students; all other students must substitute a 300/400 level Liberal Arts and Sciences elective]

**American Dialogues Course:** GEN 220 Justice and Democracy in America (3) OR HIS 200 African-American History (3) OR HIS 220 Cultural Interaction in Colonial America (3) OR INT 220 Enduring American Dialogues (3)

**Creative and Reflective Dialogues Course:** ART 240 Beginning Drawing (3) OR ENG 210 Introduction to Creative Writing (3) OR ENG 350 Creative Non-fiction (3) OR GEN 230 Creative Expression (3)

**Global Dialogues Course:** ENG 305 British Literature I: Middle Ages to the Eighteenth Century (3) OR ENG 315 British Literature II: Late Eighteenth Century to the Present (3) OR ENG 435 Major Global Literacy Figures (3) OR GEN 410 Baccalaureate Capstone I (3) OR HIS 321 Medieval World (3) OR HIS 325 History of Ireland (3) OR HIS 330 History of the Israeli-Palestinian Conflict (3) OR INT 310 Psychoanalysis and Politics (3) OR INT 350 Seminar in Religion and Belief (3) OR MUS 305 Classical Music Studies (3) OR PHI 358 Truth and Justice (3)

**Citizenship Dialogues Course:** GEN 411 Baccalaureate Capstone II (3) OR INT 450 Citizenship Dialogue (3) OR PSY 411 Psychology Capstone (3)
- MAT 114 Intermediate Algebra (3)
- MAT 201 Statistics and Society or BIO 301 Epidemiology & Biostatistics (3)
SPE 130 Fundamentals of Public Speaking (3)

**Major Requirements (31 credits)**
- VET 100 Introduction to Veterinary Technology (3)
- VET 120 Introduction to Laboratory Animal Science (3)
- VET 126 Animal Parasitology (2)
- VET 202 Small Animal Diseases and Nutrition (3)
- VET 204 Veterinary Clinical Laboratory Techniques (3)
- VET 206 Handling and Care of Exotics (2)
- VET 208 Veterinary Diagnostic Imaging (2)
- VET 222 Farm Animal Restraint, Diseases, and Nutrition (3)
- VET 224 Surgical Nursing and Anesthesiology (3)
- VET 226 Veterinary Practice Management (3)
- VET 228 Gross and Clinical Pathology (1)
- VET 230 Pharmacy and Pharmacology (3)

**Experiential Learning (5 credits)**
- VET 177 Preceptorship I (1)
- VET 276 Small Animal Nursing Skill Preceptorship (1)
- VET 277 Preceptorship II (3)

**Veterinary Technology Electives (15 credits)**
- VET (Any) Veterinary Technology Electives (six credits)

**Choose two (2) of the following (6 credits):**
- VET 130 Basic Introduction To Horses (3)
- VET 298 Special Topic In Veterinary Technology (3)
- VET 299 Independent Study In Veterinary Technology (3)

Choose three (3) of the following (9 credits):
- VET 300 Veterinary Dentistry: Principles And Practices (3)
- VET 301 Dental Radiography (3)
- VET 315 Horse And Stable Management (3)
- VET 320 Advanced Laboratory Animal Science (3)
- VET 326 Equine Nutrition And Physiology (3)
- VET 340 Applied Animal Behavior For Veterinary Practice: Part I (3)
- VET 355 Pain Management In Animals (3)
- VET 360 Patient Management And Therapeutics In Emergency Medicine And Critical Care (3)
- VET 398 Special Topic In Veterinary Technology (3)
- VET 400 Advanced Dental Techniques (3)
- VET 401 Specialization In Veterinary Dentistry (3)
- VET 440 Applied Animal Behavior For Veterinary Practice: Part II (3)
- VET 450 Anesthesia For Canine And Feline High Risk Patients (3)
- VET 460 Small Animal Emergency And Critical Care I (3)
- VET 461 Small Animal Emergency And Critical Care II (3)
- VET 498 Independent Study In Veterinary Technology (3)
## Liberal Arts and Sciences Courses (21 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 170</td>
<td>Comparative Anatomy and Physiology I</td>
<td>5</td>
</tr>
<tr>
<td>BIO 171</td>
<td>Comparative Anatomy and Physiology II</td>
<td>5</td>
</tr>
<tr>
<td>BIO 200</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>CHE 145</td>
<td>Chemistry for the Health Sciences</td>
<td>4</td>
</tr>
<tr>
<td>MAT 112</td>
<td>Mathematics for the Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

## Liberal Arts and Sciences Electives (12 credits)

- Choose two Liberal Arts and Sciences courses of any level (6 credits)
- Choose two 300/400 level Liberal Arts and Sciences courses

Liberal Arts and Sciences courses include APY, ART, BIO, CHE, CHI, CRJ, ECO, ENG, FRE, GEN, GEO, HIS, HUM, MAT, PHI, PHY, POL, PSY, RDG, SSC, SOC, SPA, SPE, or THE course.

## Free Electives (6 credits)

- May include any College course.

**TOTAL CREDIT HOURS: 120**

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**Bachelor of Science Degree Program**

Matriculation from Associate Degree in Veterinary Technology to Liberal Studies, Biology or Veterinary Technology. Medaille College offers the opportunity for Veterinary Technology majors to apply their previously earned A.S. degree toward fulfilling the requirements of a Bachelor of Science in Liberal Studies, Biology or Veterinary Technology. These programs enable the Veterinary Technician to receive the maximum benefit from transfer credits. Although the Bachelor of Science programs have been formulated to complement the Medaille College Veterinary Technology degree, it is anticipated that other States and New York programs accredited by the AVMA will be quite similar and that almost all earned credits will transfer.
3+3 UB Law

<table>
<thead>
<tr>
<th>DEGREE EARNED</th>
<th>TOTAL NUMBER OF CREDITS</th>
<th>CERTIFICATE/LICENSES TITLES AND TYPES</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.S./B.A.</td>
<td></td>
<td>B.S. Biology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B.S. Business Administration</td>
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<tr>
<td></td>
<td></td>
<td>B.S. Communication</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B.S. Criminal Justice</td>
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<tr>
<td></td>
<td></td>
<td>B.A. English</td>
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<tr>
<td></td>
<td></td>
<td>B.A. International Studies</td>
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<tr>
<td></td>
<td></td>
<td>B.S. Liberal Studies</td>
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<tr>
<td></td>
<td></td>
<td>B.A. Psychology</td>
</tr>
</tbody>
</table>

PROGRAM OVERVIEW

University at Buffalo School of Law and Medaille College recognize that certain students have the capacity and readiness to complete their undergraduate education and their law degree training in less than the normally required seven years of study. University at Buffalo School of Law and Medaille College desire to encourage and educationally stimulate these students by providing an opportunity for them to accelerate their course of study by completing both their undergraduate degree and their Juris Doctor degree in approximately six years of full-time study.

Medaille College and University at Buffalo School of Law shall offer the opportunity for a selected number of Medaille College students to earn a Bachelor of Arts/Science degree and a Juris Doctor degree over the course of approximately 6 years of full-time study.

MEDAILLE COLLEGE REQUIREMENTS

The 3+3 program shall be open to all Medaille College students who, by the completion of their third year of enrollment at Medaille College, have:

- Completed a minimum of 90 credits at Medaille College through residency, Advanced Placement, or transfer credits, including:
- Completed all Medaille College Core Curriculum requirements; and
- Completed all course requirements of the department(s) or program(s) in which the student is majoring and minoring or who have an agreement in writing with those departments or programs to accept courses taken at University at Buffalo School of Law as satisfying major(s) or minor requirements.
APPLICATION & ADMISSION PROCESS

Medaille College students interested in the 3+3 Program should consult with the Medaille College Director of Academic Advisement (or his/her designee) during their freshmen or sophomore year to discuss and plan for the application process.

During the fall semester of the academic year that students plan to apply to the 3+3 Program, they should consult with their academic advisor(s) to ensure that all Medaille College Core Curriculum, major, and minor requirements will be met by the end of the applicant’s junior year or to arrange for an agreement in writing with those departments or programs to accept courses taken at university at Buffalo School of Law as satisfying major(s) or minor requirements.

To be eligible for consideration for admission to University at Buffalo School of Law, students must take the LSAT no later than February of their junior year and must apply to University at Buffalo School of Law no later than February 1 of their junior year of undergraduate studies. Consideration for admission to the Law School requires the following:

- A cumulative GPA at Medaille College of 3.50 or above;
- An LSAT score at or above the median LSAT for the Law School’s previous year’s enrolled class; and
- Two academic letters of recommendation from members of Medaille College faculty.

Following the receipt by University at Buffalo School of Law of all required admission materials (due prior to February 1), the Law School will review and arrive at an admission decision. The Admissions Committee of University at Buffalo School of Law reserves the right to conduct an in-person interview of the applicant prior to arriving at the admission decision.
ACADEMIC MINORS

Animal Welfare
Total Credits: 18-22 credits

Required (12-14 credits)

- VET 100 Introduction to Veterinary Technology (3)
- BIO 101 Biology (3), or BIO 160 Human Anatomy (3), or BIO 171 Comparative Anatomy & Physiology II (5)
- BIO 230 Foundations of Domestic Animal Health and Welfare (3)
- PSY 398- Human Animal Bond (3)

Choose two of the following courses (6-8 credits):

- VET 206 Handling and Care of Exotics (3)
- BIO 340 Animal Behavior (3)
- VET 340 Applied Animal Behavior for Veterinary Practice: Part I (3)
- BIO 423 Ornithology (4)
- BIO 424 Mammalogy (4)

Communication
Total Credits: 21 credits

Required (7 courses)

- COM 101 Introduction to Mass Communication
- COM 110 Journalism in the Digital Era
- COM 130 Survey of Broadcasting: History, Programming, and Operations
- COM 150 Media Promotions and Marketing
- One COM elective
- Two 300/400 level COM electives

Creative Writing
Total Credits: 18 credits

In order to complete the minor in creative writing, the student must attain at least a C+ average in ENG 100, ENG 110 and ENG 200.

Required (9 credits)

- ENG 210 Introduction to Creative Writing (3)
- ENG 330 Prelude Practicum (3)
• Either ENG 205 Introduction to Literature (3) or ENG 215 Survey of World Literature (3)

Choose two of the following courses (6 credits):

The student pursuing the Creative Writing minor will take at least two 300 level creative writing courses (6 credits).

• ENG 300: Fiction Writing Workshop (3)
• ENG 310: Poetry Writing Workshop (3)
• ENG 320: Dramatic Writing Workshop (3)

For the final course, the student may take an additional 300 level creative writing course from the list above or any of the following (3 credit hours):

• COM 110 Journalism in the Digital Era (3)
• COM 211 Mass Media Writing (3)
• COM 260 Photojournalism (3)
• ENG 260 Business & Professional Writing (3)
• ENG 270 Argument & Persuasion (3)
• ENG 360 Advanced Report & Proposal Writing (3)
• ENG 498 Independent Study in Writing (3)

**Ethics**

**Total Credits: 18 credits**

Required (9 credit hours)

• PHI 300 Ethics (3)
• INT 350 Seminar in Religion and Belief (3)
• PHI 368 The American City (3)

Logic component (3 credit hours)

• PHI 200 Logic (3)

Applied ethics component: Choose one of the following courses (3 credit hours):

• PHI 298 Special Topic in Philosophy (3)
• COM 400 Communications Law and Ethics (3)
• CRJ 170 Criminal Justice Ethics (3)
• MGT 460 Business Ethics and Social Responsibility (3)
• SPM 325 Legal and Ethical Issues in Sports and Recreation Management (3)
Advanced study component: Choose one of the following courses (3 credit hours):

- PHI 398 Special Topic in Philosophy (3)
- PHI 498 Independent Study in Philosophy (3)

**Information Technology**

**Total Credits: 18 credits**

Required (12 credits)

- CIS 115 Computer Applications (3)
- MIS 240 Management Information Systems (3)
- MIS 330 Data Communication & Networks (3)
- MIS 335 Decision Support Systems (3)

Choose two of the following courses (6 credits):

- MIS 300 Database Development (3)
- MIS 398 Special Topics: Information Systems Security Policy & Procedure (3)
- MIS 400 Systems Analysis & Design (3)

**Literature**

**Total Credits: 18 credits**

Required (6 credits)

- ENG 205 Introduction to Literature (3)
- ENG 215 Survey of World Literature (3)

Choose two of the following courses (6 credits):

- ENG 305 British Literature I (3)
- ENG 315 British Literature II (3)
- ENG 325 American Literature I (3)
- ENG 335 Literature of the United States: Civil War through the 21st Century (3)

Choose two of the following courses (6 credits):

At least one course must be a 400 level course.

- ENG 210 Introduction to Creative Writing (3)
- ENG 345 Film Art & Appreciation (3)
• ENG 355 Major Literary Forms (3)
• ENG 365 Ethnic Literature in America (3)
• ENG 375 Children's Literature (3)
• ENG 405 Themes & Topics in American Literature (3)
• ENG 415 Themes and Topics in British Literature (3)
• ENG 425 Themes and Topics in World Literature (3)
• ENG 435 Major Global Literary Figures (3)
• ENG 460 Literary Theory and Cultural Studies: English Seminar (3)
• ENG 485 The English Language, Past, Present & Future (3)
• ENG 498 Independent Study in Writing (3)

Management
Total Credits: 18 credits

Required (12 credit hours):
• ACC 101 Financial Accounting I (3)
• ECO 200 Macroeconomics (3)
• MGT 175 Management Concepts & Communication (3)
• MKT 220 Principles of Marketing (3)

Choose two of the following courses (6 credit hours):

• MGT 299 Business Law I (3)
• MGT 240 Financial Management (3)
• MGT 335 Organizational Behavior (3)
• MIS 240 Management Information Systems (3)
• MGT 230 HR Management (3)

Philosophy
Total Credits: 18 credits

Introductory component: Choose one of the following (3 credit hours)

• PHI 100 Nature of Man (3)
• PHI 170 Issues in Philosophy (3)
• PHI 298 Special Topic in Philosophy (3)

Logic component (3 credit hours)

• PHI 200 Logic (3)

Ethics component (3 credit hours)
• PHI 300 Ethics (3)

Upper-level elective component: Choose two of the following (6 credit hours):

• PHI 368 The American City (3)
• PHI 398 Special Topic in Philosophy (3)
• PHI 498 Independent Study in Philosophy (3)

Applied theory elective component: Choose one of the following (3 credit hours):

• ART 360 Photography and Perception (3)
• COM 300 Introduction to Communication Theory (3)
• COM 355 Theory of Media Criticism (3)
• ENG 345 Film Art and Appreciation (3)
• ENG 460 Literary Theory and Cultural Studies: English Seminar (3)
• HUM 400 Philosophy and Literature (3)
• INT 350 Seminar in Religion and Belief (3)
• PSY 368 History and Systems of Psychology (3)
• PSY 379 Parapsychology and Pseudoscience (3)
• SPM 340 History and Philosophy of Sport (3)

**Note: students cannot take both the Philosophy minor and the Ethics minor

**Pre-Law

**Total Credits: 21 credits

Choose one of the following:

• CRJ 101 Introduction to Criminal Justice
• POL 101 United States Government

Choose one of the following:

• HIS 140 Early United States History
• HIS 150 Contemporary United States History
• HIS 450 Early Constitutional Conflict
• HIS 451 Contemporary Constitutional Conflict

Choose one of the following:

• ENG 205 Introduction to Literature
• ENG 215 Survey of World Literature
Choose one of the following:

- PSY (300/400 level) Psychology elective
- SOC (300/400 level) Sociology elective

Choose one of the following:

- ENG 270 Argumentation and Persuasion
- ENG 360 Advanced Report and Proposal Writing
- PHI 200 Logic
- PHI 300 Ethics

Required (6)

- PHI 200 Logic (3)
- PHI 300 Ethics (3)

**Pre-Professional - Medical School**

**Total Credits: 18 credits**

- PHY 200 Principles of Physics I
- PHY 201 Principles of Physics II
- CHE 400 General Biochemistry
- MAT 251 Calculus I
- BIO 498 Special Topic in Biology

**Pre-Professional - Veterinarian School**

**Total Credits: 18 credits**

Required (5 courses)

- PHY 200 Principles of Physics I
- PHY 201 Principles of Physics II
- CHE 400 General Biochemistry
- 300/400 VET or BIO elective
- 300/400 VET or BIO elective

**Professional Writing**

**Total Credits: 18 credits**

In order to complete the minor in professional writing, the student must attain at least a C+ average in ENG 100, ENG 110 and ENG 200.
Required (4 courses)

- ENG 210 Introduction to Creative Writing (3)
- ENG 330 Prelude Practicum (3)
- Either ENG 205 Introduction to Literature (3) or ENG 215 Survey of World Literature (3)
- ENG 260 Business & Professional Writing (3)

Choose two of the following courses (6 credits):

- COM 110 Journalism in the Digital Era
- COM 200 Digital Media Production
- COM 211 Mass Media Writing
- COM 260 Photojournalism
- ENG 260 Business & Professional Writing
- ENG 270 Argument & Persuasion
- ENG 360 Advanced Report & Proposal Writing
- ENG 498 Independent Study in Writing

**Psychology, Developmental**  
Total Credits: 18 credits

Required (6 courses)

- PSY 100 Introduction to Psychology
- PSY 210 Child Development
- PSY 240 Adolescence
- PSY 349 Psychology of Adulthood
- PSY Psychology elective
- PSY (300/400 level) Psychology elective

**Psychology, Experimental**  
Total Credits: 18 credits

Required (6 courses)

- PSY 100 Introduction to Psychology
- PSY 230 Biopsychology
- PSY 321 Behavioral Neuroscience
- PSY 351 Psychopharmacology
- PSY Psychology elective
- PSY (300/400 level) Psychology elective
Psychology, General
Total Credits: 18 credits

Required (6 courses)
- PSY 100 Introduction to Psychology
- PSY 247 Cognitive Psychology
- PSY 310 Social Psychology
- PSY 370 Abnormal Human Behavior
- PSY Psychology elective
- PSY (300/400 level) Psychology elective

Public Relations
Total Credits: 21 credits

Required (7 courses)
- COM 110-Journalism in the Digital Age (3)
- COM 150 Media Promotions (3)
- COM 211 Mass Media Writing (3)
- COM 311-Social Media Strategies (3)
- COM 390 Crisis Communication (3)
- COM 421 Advertising PR Campaign Planning (3)
- ENG 260 Business and Professional Writing (3)

Sport and Recreation Leadership
Total Credits: 18 credits

Required (4 courses)
- PSY 385 Sports Psychology (3)
- ECO 380 Economics of Sports (3)
- SPM 220 Sports Leadership & Management (3)
- SPM 340 History & Philosophy of Sport (3)

Choose two of the following courses (6 credit hours):
- SPM 325 Legal/Ethical Issues Sports/Rec Mgt. (3)
- SPM 320 Sports Marketing & Promotion (3)
- SPM 335 Sport Event Management (3)
- SOC 301 Sports in Society (3)
- SPM 377 Field Experience I (3)
U.S. History Minor
Total Credits: 18 credits

U.S. History – Introductory Component (3 credits – choose one of the following)
  • HIS 140 Early United States History (3)
  • HIS 150 Contemporary United States History (3)

U.S. History – American Dialogues Component (3 credits – choose one of the following)
  • HIS 200 African-American History (3)
  • HIS 220 Cultural Interaction in Colonial North America (3)
  • INT 220 Enduring American Dialogues (3)

U.S. History – Upper Division Elective Component (12 credits – choose four of the following)
  • HIS 315 History of Ethnic America (3)
  • HIS 325 The Civil War (3)
  • HIS 400 American Historiography (3)
  • HIS 401 The History of Buffalo (3)
  • HIS 402 The History of New York State (3)

Veterinary Practice Management
Total Credits: 15-20 credits

Required (6 courses)
  • VET 100 Introduction to Veterinary Technology (3)
  • BIO 230 Foundations of Domestic Animal Health and Welfare (3)
  • VET 340 Applied Animal Behavior for Veterinary Practice: Part I (3)
  • VET 398 Management Principles for the Veterinary Hospital Manager (3)
  • *VET 177 Preceptorship I (2) or MGT 377 Field Experience I (3)
  • BIO 101 Biology (3), or BIO 160 Human Anatomy (3), or BIO 171 Comparative Anatomy & Physiology II (5)

**Note: May require a 1 credit independent study in addition to Vet 177.

Course Descriptions

ACCOUNTING

ACC 101 FINANCIAL ACCOUNTING

This is an introduction to the principles of accounting with emphasis on preparation of general purpose financial statements. This includes service organizations and merchandisers. An in-depth coverage of corporate securities, income tax and cash flow is included. Other topics reviewed

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include the accounting cycle - journal entry preparation and posting and elements of the balance sheet. Finally, financial statements will be analyzed through various analytical procedures. Computer applications included. A lab will be required of all students for problem solving, discussion and any questions. This requirement will be waived as long as a student maintains a minimum of a B average in the course and has satisfactorily completed all homework assignments. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**ACC 102 MANAGERIAL ACCOUNTING**

This course is a continuation of ACC 101. The different forms of business organizations are compared including corporations, partnerships and limited liability companies. The balance sheet will continue to be analyzed. Management accounting will be introduced. Topics including accounting for a manufacturer including job order and process costing, cost-volume-profit analysis and budgeting. Computer applications included. Three credit hours. Prerequisites and/or Special Considerations: ACC 101. Offered fall/spring semester, as needed.

**ACC 110 ACCOUNTING CONCEPTS**

This course is an introduction to the principles of accounting with emphasis on preparation and analysis of the four primary financial statements. Topics covered include the accounting equation, the accounting cycle, internal controls, account classifications, and use of accrual accounting to record and analyze transactions related to revenues, expenses, dividends, assets, liabilities and owners' equity. Basic managerial accounting concepts will be introduced. Ethical issues and the influence of FASB, IMA, and the SEC will be explored. Four credit hours. Prerequisites and/or Special Considerations: previous ASP courses. Offered as needed.

**ACC 298 SPECIAL TOPIC IN ACCOUNTING**

Topic to be specified each semester course offered.

**ACC 300 INCOME TAX ACCOUNTING**

Provisions and procedures of federal and state income tax laws for individuals will be studied. Problems will be utilized to assist the student in understanding the practical application of those regulations. Current issues in tax accounting and tax planning are also considered. Computer application included. Three credit hours. Prerequisites and/or Special Considerations: ACC 102. Offered fall/spring semester, as needed.

**ACC 304 CURRENT ISSUES IN FINANCIAL ACCOUNTING**

Financial accounting focuses on the creation and use of financial information for external reporting requirements. Emphasis is placed on using corporate financial statements to evaluate organizations and understand the impact of managerial decisions. Accounting transactions and
financial statements will be prepared using Generally Accepted Accounting Principles (GAAP). Four credit hours. Prerequisites and/or Special Considerations: previous BBA courses. Offered as needed.

**ACC 305 COST ACCOUNTING**

This course develops the use of accounting data and the basic technical understanding to be applied internally by managers in directing the affairs of an organization. Such topics as budgeting, cost-volume-profit relationships, job-order and process costing, and standard costs will be covered. Computer applications included. Three credit hours. Prerequisites and/or Special Considerations: MAT 105 or MAT 115; and ACC 102. Offered fall/spring semester, as needed.

**ACC 315 ACCOUNTING ANALYSIS AND DECISION MAKING**

This course provides students with an understanding of how to use accounting information in the decision making process as well as the kinds of information found outside of traditional accounting systems that can be drawn upon to improve the quality of financial analysis and decision making. Topics include cost systems, budgeting, evaluation and control, performance measurement, human resource management, strategic planning (including game theory), forecasting, managing intellectual property, and costing and pricing challenges in an information-based economy. Throughout the course there is an emphasis on the role of ethics in decision making, internal control, and global interactions. Four credit hours. Prerequisites and/or Special Considerations: ACC 304. Offered as needed.

**ACC 350 INTERMEDIATE ACCOUNTING I**

This course serves to elevate the competence level of the student’s accounting skills so that a working knowledge of financial accounting is possible. The course commences with a review of basic financial accounting principles and develops further the areas of asset valuation, income measurement, complete financial statement preparation, and time value of money. Computer applications included. Three credit hours. Prerequisites and/or Special Considerations: ACC 102. Offered fall/spring semester, as needed.

**ACC 351 INTERMEDIATE ACCOUNTING II**

This course will develop, at the intermediate level, a thorough understanding of the equity area of accounting. Topics to be covered will include capital stock, retained earnings, treasury stock, stock rights and warrants. The course also will provide coverage of long-term debt, pensions, leases, earnings per share, income recognition and cash flow. Computer applications included. Three credit hours. Prerequisites and/or Special Considerations: ACC 350. Offered fall/spring semester, as needed.
ACC 377 FIELD EXPERIENCE I

This course provides the student with both observational and “hands-on” learning experience through participation in an internship, ideally in the field in which the student will be seeking employment. Students who are already on an established career path may enhance their visibility in the organization by completion of a special project related to their careers, subject to prior instructor approval. Three credit hours. Prerequisites and/or Special Considerations: ACC 351, junior standing and a 2.0 cumulative GPA. Offered fall/spring semester, as needed.

ACC 398 SPECIAL TOPIC IN ACCOUNTING

Topic to be specified each semester course offered.

ACC 410 ADVANCED ACCOUNTING

This course will provide an in-depth emphasis on the accounting procedures and disclosures regarding combined corporate entities and consolidations. Additional topics to be covered in this course include branch accounting, segment reporting, foreign operations, partnerships and bankruptcies. Computer applications included. Three credit hours. Prerequisites and/or Special Considerations: ACC 351. Offered fall/spring semester, as needed.

ACC 430 AUDITING

This course will focus on the standards and procedures of the auditing function within the industry. The course will provide an understanding of the standards of ethical conduct; auditor’s legal responsibility and liability; meaning, significance, and preparation of an auditor’s report; nature of audit evidence; internal control and tests; and the importance of EDP in auditing. Statements on auditing standards from the AICPA are reviewed. Computer applications included. Three credit hours. Prerequisites and/or Special Considerations: ACC 351. Offered fall/spring semester, as needed.

ACC 477 FIELD EXPERIENCE II

This is a continuation of the business exposure completed in the Field Experience I. A minimum of 120 work hours is required, but the performance level of the assignment is expected to be higher than the level I assignment. Students may again elect to complete a project related to their careers, but it must be demonstrative of a higher level competence and difficulty, and approved by the program chair. Three credit hours. Prerequisites and/or Special Considerations: ACC 430, Senior Standing, 2.0 Cumulative GPA. Offered fall/spring semester, as needed.

ACC 498 INDEPENDENT STUDY IN ACCOUNTING

Topic to be specified each semester course offered.
ALCOHOL AND SUBSTANCE ABUSE

HHS 201 KNOWLEDGE OF SUBSTANCE ABUSE

This course meets the required focus of Section One of the educational requirements for the Credentialing of Alcoholism and Substance Abuse Counselors (CASAC). The course will provide students with a foundation for knowledge of chemical dependence, substance abuse and the effects of addiction on the individual, family and society. It will also examine the various theoretical models of addiction such as the medical model, spiritual model, and psychological model, in addition to others. Special emphasis will be focused on the array of treatment formats commonly used such as detoxification, outpatient, inpatient and residential services. Other topics will include an examination of school- and community-based interventions used for education and prevention of substance use disorders. Students will have the opportunity to earn up to 45 CASAC educational hours in this course. Three credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

HHS 202 ASSESSMENT, EVALUATION AND TREATMENT PLANNING

This course has been designed to meet the required focus of Section Three of the educational requirements for the Credentialing of Alcoholism and Substance Abuse Counselors (CASAC). This course focuses on the screening, evaluation, and intake of patients. It examines the tools used to assess and diagnose chemical dependency, the stages of recovery, and the effects of cultural diversity in patient counseling and screening. Students will learn to assess substance abuse status and develop treatment plans. Students have the opportunity to earn up to 45 CASAC educational hours in this course, including 40 that may be applied directly to Section 3. Three credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

HHS 203 NEUROCHEMISTRY OF ADDICTION: PHARMACOLOGY

This course meets the required focus of Section One of the educational requirements for the Credentialing of Alcoholism and Substance Abuse Counselors (CASAC). The course will integrate classroom discussion with a series of exercises designed to introduce students to the fundamental principles of psychopharmacology. Content includes, but is not limited to, the action of drugs of abuse on the body (including those during pregnancy), the biology of addiction, an examination of the key drugs of abuse, drug interactions, and pharmacological treatment of addiction. Students have the opportunity to earn up to 45 CASAC educational hours in this course. Three credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

HHS 204 SUBSTANCE ABUSE COUNSELING THEORY

This course has been designed to meet the required focus of Section Two of the educational requirements for the Credentialing of Alcoholism and Substance Abuse Counselors (CASAC). The following theories and approaches of alcoholism and substance abuse counseling will be

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explored: Cognitive-Behavioral Therapy, Motivational Interviewing, Solution-Focused Brief Therapy, the Minnesota Model approach, Rational Emotive Behavioral Therapy, and CENAPS Relapse Prevention Therapy. Course topics focus on the role of the counselor and the unique concerns of treating individuals with substance use disorders. Special issues such as depression/suicide, resistance, the amotivational syndrome, the criminal justice system, and aggression will be discussed. In addition, the dysfunctional aspects of the addicted family will be examined. Students have the opportunity to earn up to 45 CASAC educational hours in this course. Three credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

HHS 205 INDIVIDUAL AND GROUP COUNSELING

This course has been designed to meet the required focus of Section Two of the educational requirements for the Credentialing of Alcoholism and Substance Abuse Counselors (CASAC). Individual counseling topics such as establishing a helping relationship, facilitating engagement in the treatment process, promoting and reinforcing positive changes, adapting techniques to the individual and facilitating the involvement of family will be covered. Models of relapse prevention are evaluated. In addition, stages of group process, actions necessary to form a group, establish group goals, clarify behavioral ground rules and terminate a group will be examined. Students have the opportunity to earn up to 45 CASAC educational hours in this course. Three credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

HHS 206 SUBSTANCE ABUSE COUNSELING: SPECIAL POPULATIONS

This course has been designed to meet the required focus of Section Two of the educational requirements for the Credentialing of Alcoholism and Substance Abuse Counselors (CASAC). In this course students will examine and analyze the special counseling needs, issues, and approaches for a variety of populations and situations: adolescent substance abuse, the mentally ill, chemically addicted (MICA) abuser, issues of gender and sexual orientation, communicable and social diseases, and patients with HIV/AIDS. Attitudes and perceptions of death and bereavement, as well as appropriate counseling strategies are also examined. Students have the opportunity to earn up to 45 CASAC educational hours in this course. Three credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

HHS 207 CASE MANAGEMENT AND EDUCATIONAL OUTREACH

This course has been designed to meet the required focus of Sections Two and Three of the educational requirements for the Credentialing of Alcoholism and Substance Abuse Counselors (CASAC). This course explores the overall function of the case manager, including the coordination of the treatment plan with ancillary services. The roles and interrelationships among family members – especially the adolescent and adult children of alcoholics/substance abusers – are analyzed and the facilitation of family counseling is introduced. The importance of vocational/educational rehabilitation and anger management are examined. In addition, significant time is spent designing and developing chemical dependency education programs.

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Students have the opportunity to earn up to 45 CASAC educational hours in this course, including 30 that may be applied directly to Section 3 and 15 that may be applied directly to Section Two. Three credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**HHS 208 PROFESSIONAL AND ETHICAL RESPONSIBILITIES**

This course has been designed to meet the required focus of Section Four of the educational requirements for the Credentialing of Alcoholism and Substance Abuse Counselors (CASAC). Course topics focus on the development and use of ethical standards when counseling a substance abuser. Students are introduced to the basic concepts of managed care and health records management and confidentiality. Students will examine issues specific to the counselor-client relationship, the Ethical Canon, and Code of Confidentiality, as well as counselor wellness and its significance to the profession. This course also provides a thorough knowledge of state and federal rules, HIPAA regulations, and the methodologies for protecting the privacy of the individual. Students have the opportunity to earn up to 45 CASAC educational hours in this course. Three credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**ANTHROPOLOGY**

**APY 100 INTRODUCTION TO ANTHROPOLOGY**

An overview of anthropological theory and research, including sub-fields of the discipline with particular emphasis on cultural anthropology. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**APY 300 URBAN ANTHROPOLOGY**

An analysis of urban communities in historical and cultural perspectives; the role of cities in large societies and cultural systems; the application of anthropological techniques in understanding complex urban communities. This course is designed to help students understand their academic discipline within the context of the broader community, region, and the world. APY 300 considers the potential of the discipline and its methodology to contribute to a civic and sustainable future.” Three credit hours. Prerequisites and/or Special Considerations: APY 100 or junior standing. Offered fall/spring semester, as needed.

Students should note that this course has been identified as a U course in the EQUIP curriculum sequence.
ART

ART 115 ART AND THE WORLD

This course presents a global view of the major epochs of human experience and major events of historical and cultural significance from the European Renaissance to the present. Works of art examined in context offer insight into the ways that people in different times and places have explored their relationship with other human beings, nature, and specific social development, and have defined meaning and value in existence. Variable, three to four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

ART 214 WORLD ART I ANCIENT THROUGH MEDIEVAL

A survey of world art and architecture from prehistory to 1400 CE to 1940. Includes slide lectures, art videos and field trip(s). Three credit hours. Prerequisites and/or Special Considerations: ENG 110. Offered fall/spring semester, as needed.

ART 215 WORLD ART II RENAISSANCE THROUGH MODERN

A survey of world art and architecture from approximately 1400 CE to 1940, with an emphasis on Western art. Includes slide lectures, art videos and field trip(s). Three credit hours. Prerequisites and/or Special Considerations: ENG 110. Offered fall/spring semester, as needed.

ART 230 TWO-DIMENSIONAL DESIGN AND COLOR THEORY

An introductory studio course in which students use the basic elements of art and design principles to learn and apply the language of visual organization. The course also includes basic concepts of typography, layout, and color theory. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

ART 240 BEGINNING DRAWING

A studio course providing instruction in basic perceptual skills and drawing techniques through a variety of media. The course includes a concise history of the art form of drawing and theories of visual perception through a variety of media and subjects. This course will help a student to develop their own personal expression through creating drawings that involve ethical and social issues. Three credit hours. Prerequisites and/or Special Considerations: INT 110 or equivalent. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Creative and Reflective Dialogues” requirement of the General Education Core.
ART 260 BASIC PHOTOGRAPHY

A study of photography composition and use of the camera as an artistic and communication tool. An introduction to the use of the still camera, light, meter, film development, darkroom techniques and photographic enlargement. Students also will learn to “read” photos, speak intelligently about their own personal style and ethics regarding visual communications. Techniques learned here can not only be applied as vocational skills, but the student is encouraged to pursue photography as a lifelong method of personal expression. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

ART 298 SPECIAL TOPIC IN ART

Topic to be specified each semester course offered.

ART 314 ART HISTORY I: ANCIENT THROUGH MEDIEVAL

This course provides a survey of world art and architecture from prehistory through the medieval period. This course interprets the development of world civilizations and fosters understanding of culture in social, religious, economic, political, and philosophical contexts. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

ART 315 ART HISTORY II: RENAISSANCE THROUGH MODERN

This course provides a survey of world art and architecture of from the 15th through the 20th century, with an emphasis on Western art. This course interprets artistic traditions and fosters understanding of culture in social, religious, economic, political, and philosophical contexts. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

ART 320 PAINTING

A studio course providing basic instruction in painting techniques and pictorial organization. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

ART 331 RENAISSANCE ART

An art history course providing an in-depth examination of Renaissance arts and architecture in Italy and Northern Europe. The developing art styles and masterworks will be seen in the context of social, political, and religious change. Includes slide lectures, art videocassette tapes, and field trip(s). Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent and GEN 230. Offered fall/spring semester, as needed.
ART 332 WOMEN ARTISTS

An art history course surveying the contributions of women artists from 1750 to present. Provides a feminist perspective on the discipline of art history and consideration of issues of women’s art-making in a male-dominated context. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent and GEN 230. Offered fall/spring semester, as needed.

ART 333 THE HISTORY OF PHOTOGRAPHY

A historical survey of the development of photography from its 19th century origins to contemporary practice. The course includes slide lectures, videotapes, and field trip(s). Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent and GEN 230. Offered fall/spring semester, as needed.

ART 335 CONTEMPORARY ART

The study of art movements since 1940. Emphasis will be placed on how art expresses personal, social, and cultural experience. Includes slide lectures, discussions, art videos, and field trips. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent and GEN 230. Offered fall/spring semester, as needed.

ART 340 ADVANCED DRAWING

A continuation of ART 240 Beginning Drawing. A studio course designed to develop perceptual skills, critical judgment, and the ability to draw using a variety of mediums and subjects. Three credit hours. Prerequisites and/or Special Considerations: ART 240. Offered fall/spring semester, as needed.

ART 360 PHOTOGRAPHY AND PERCEPTION: A WAY OF SEEING

This course offers students the opportunity to learn about digital photography, recognize, interpret and apply concepts of pictorial composition and explore a range of techniques in order to communicate significant ideas and express emotions. This course has an emphasis on visual literacy and critical thinking. This course explores contemporary photographic practices throughout the Western New York area while using problem-based, experiential learning to create a dynamic photographic portfolio. Three credit hours. Prerequisites and/or Special Considerations: GEN 230. Offered fall/spring semester, as needed.

ART 370 CERAMICS

A studio course providing instruction in basic ceramic techniques and exploration of clay as a medium of artistic expression. Includes hand-building, throwing, glaze application, kiln loading,
firing, and unloading. Three credit hours. Prerequisites and/or Special Considerations: ART 230. Offered fall/spring semester, as needed.

**ART 377 FIELD EXPERIENCE**

Observational and “hands-on” work experience in a visual art or media-related placement situation designed to improve the preparation of Visual and Digital Arts majors. A minimum of 30 hours is required for each credit hour of field experience. Limited to Visual and Digital Arts majors. Credits: variable (can be repeated as a distinct learning experience for a maximum total of 4 credit hours)Prerequisites and/or Special Considerations: sophomore standing and 2.0 cumulative GPA, and approval from Program Director or Department Chair. Offered fall/spring semester, as needed.

**ART 398 SPECIAL TOPIC IN ART**

Topic to be specified each semester course offered.

**ART 420 ADVANCED PAINTING**

A continuation of ART 320, Painting. A studio course designed to develop perceptual skills, critical judgment, and the ability to paint in oils. Three credit hours. Prerequisites and/or Special Considerations: ART 320. Offered fall/spring semester, as needed.

**ART 450 CONTEMPORARY ART**

The study of art movements since 1940. Emphasis will be placed on how art expresses personal, social, and cultural experience. Includes slide lectures, discussions, art videos, and field trips. Three credit hours. Prerequisites and/or Special Considerations: ART 100/GEN 230/ART 214/ART 215 and junior standing. Offered fall/spring semester, as needed.

**ART 451 RENAISSANCE ART**

An art history course providing an in-depth examination of Renaissance art in Italy and northern Europe. The developing art styles and masterworks will be seen in the context of social, political, and religious change. Includes slide lectures, art video, and field trips. Three credit hours. Prerequisites and/or Special Considerations: ART 100/GEN 230/ART 214/ART 215 and junior standing. Offered fall/spring semester, as needed.

**ART 452 WOMEN ARTISTS**

An art history course surveying the contributions of women artists from 1750 to the present. Included will be a re-viewing of the discipline of art history from a feminist perspective and a consideration of issues of women’s art-making in a male-dominated context. Three credit hours. Prerequisites and/or Special Considerations: ART 100/GEN 230/ART 214/ART 215 and junior standing. Offered fall/spring semester, as needed.
ART 453 THE HISTORY OF PHOTOGRAPHY

A historical survey of the development for photography from its 19th century origins to contemporary practice. The course includes slide lectures, videotapes, and field trips. Three credit hours. Prerequisites and/or Special Considerations: ART 100/GEN 230/ART 214/ART 215 and junior standing. Offered fall/spring semester, as needed.

ART 460 PHOTOGRAPHY: ALTERNATIVE PROCESSES

An advanced look at photography using alternative processing techniques. This course will show students that photography is a broad medium that encompasses a wide variety of techniques beyond that of black and white photography. Students will discuss where their inspiration comes from; initiate a plan for creating images using various lighting, camera, darkroom and digital techniques. Each assignment will profile a different technique including but not limited to: hand coloring, cyanotype, Platinum and Palladium printing, digital imaging, Polaroid emulsion transfers, Polaroid manipulations, pin-hole photography and much more. Course work will include lectures, hands-on experience, demonstrations, studio experience, and off-campus field trips. Students will create an alternative process notebook as well as a final portfolio. Three credit hours. Prerequisites and/or Special Considerations: ART 260. Offered fall/spring semester, as needed.

ART 498 INDEPENDENT STUDY IN ART

Topic to be specified each semester course offered.

BIOLOGY

BIO 101 BIOLOGY

An introduction to biological processes and principles including: (1) the nature of science, (2) origin of life and evolution, (3) the chemical basis of life, (4) cells and cellular events, (5) reproduction and genetics, (6) plant structure and function, and (7) ecosystems. Contemporary applications of these topics will be discussed. A laboratory will introduce students to the use of the scientific method by combining experiments, observations, measurements and analyses. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 101 and the lab BIO 101 L is required.

BIO 110 HUMAN NUTRITION

An introduction to human nutrition covering topics such as energy, protein, fat and carbohydrate requirements. Vitamin and mineral requirements and nutrition through the life cycle are also
examined. Students apply nutrition concepts to their own diets. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**BIO 120 BOTANY**

A study of plant structure, physiology, and classification. Fundamental concepts of genetics and evolution will be introduced. Special emphasis will be placed on the ecological importance and economic value of plants. Travel time to and from off-campus activities may be required. Four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**Note:** Registration for both the lecture BIO 120 and the lab BIO 120L is necessary.

Students should note that this course has been identified as a U course in the EQUIP curriculum sequence.

**BIO 140 HUMAN ANATOMY & PHYSIOLOGY I**

This course provides an introduction to the cell and tissue levels of organization of the skeletal, muscular and nervous systems of the human body including the physiology of those systems and their interrelationships. Students will engage in a series of online laboratory activities in order to clarify, apply, and enhance course concepts. Four credit hours. Prerequisites and/or Special Considerations: ENG 11, GEN 11 or GEN 310. Offered as needed.

**BIO 141 HUMAN ANATOMY & PHYSIOLOGY II**

A continuation of BIO 140. Topics include the endocrine, circulatory, digestive, lymphatic, respiratory, excretory, and reproductive systems. Students will engage in a series of online laboratory activities in order to clarify, apply, and enhance course concepts. Four credit hours. Prerequisites and/or Special Considerations: BIO 140. Offered as needed.

**BIO 150 ENVIRONMENTAL STUDIES**

An introduction to ecological theory, natural and man-made environmental problems and human population dynamics. The interaction of science and society in creating and solving environmental problems is emphasized. Students are challenged to question their own attitudes concerning man and nature. Variable, three to four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**BIO 160 HUMAN ANATOMY AND PHYSIOLOGY I**

This course initiates the study of the human body. Topics include cells, tissues, and the skeletal, muscular, and nervous systems. Four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

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**Note: Registration for both the lecture BIO 160 and the lab BIO 160 L is required.**

**BIO 161 HUMAN ANATOMY AND PHYSIOLOGY II**

A continuation of BIO 160. Topics include the endocrine, circulatory, digestive, respiratory, excretory, and reproductive systems. Four credit hours. Prerequisites and/or Special Considerations: BIO 160. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 161 and the lab BIO 161 L is required.**

**BIO 170 COMPARATIVE ANATOMY AND PHYSIOLOGY I**

A combination of lecture and laboratory exercises that provide an introduction to the major animal phyla and comparison of their life processes. Topics include cell structure and function, energy transformation, major body systems, genetics and behavior. Each of these topics is viewed from an evolutionary perspective to highlight the unity and diversity within the animal kingdom. Detailed study of mammalian anatomy, physiology, and histology is initiated. Five credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 170 and the lab BIO 170 L is required.**

This course emphasizes the following Essential Learning Outcomes of Medaille College: Scientific Reasoning.

**BIO 171 COMPARATIVE ANATOMY AND PHYSIOLOGY II**

A continuation of BIO 170 Exploration of mammalian anatomy, physiology and histology are emphasized. A combination of lectures and laboratories to study both gross and microscopic anatomy. Models for examination are the dog, cat, horse and cow. The animal is seen in its life processes and activities. The physiological aspects of the mammalian body are explored. Specific anatomical differences in other species are noted. Methods involved in the preparation of tissue slides for histological examination are introduced. Histological slides are part of the laboratory exercises. Five credit hours. Prerequisites and/or Special Considerations: BIO 170, minimum grade of C-. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 171 and the lab BIO 171L is necessary.**

This course emphasizes the following Essential Learning Outcomes for Medaille College: Scientific Reasoning
BIO 172 COMPARATIVE ANATOMY AND PHYSIOLOGY FOR VETERINARY SCIENCE

This course covers the Anatomy and Physiology of Domestic Animals relevant to the duties and responsibilities of the Veterinary Technician. Major systems will be examined with an emphasis on their structure, function and interrelationships. Included is a laboratory examination of the cat. Other pertinent anatomical areas required for proper body function will also be covered. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

BIO 200 MICROBIOLOGY

A survey of microscopic organisms including their morphology, nutrition, physiology, and interactions with humans and animals. Microorganisms surveyed include bacteria, viruses, and fungi. Laboratory exercises cover microscope techniques, slide preparation, cell staining, sterile techniques, and the identification of microorganisms. Principles of immunology and the inflammatory response are discussed. Four credit hours. Prerequisites and/or Special Considerations: BIO 170 Minimum grade C-. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 200 and the lab BIO 200L is required.

BIO 220 CELL BIOLOGY

The study of the biology of eukaryotic and prokaryotic cells. Topics include the chemical composition and organization of cells, the function of organelles and cell specialization. Cellular reproduction, regulation of gene expression and cell signaling will be emphasized. Three credit hours. Prerequisites and/or Special Considerations: BIO 171, any college chemistry course, minimum grade of C-. Offered fall/spring semester, as needed.

BIO 230 FOUNDATIONS OF DOMESTIC ANIMAL HEALTH AND WELFARE

This course builds on the information presented in Vet 100 Introduction to Veterinary Technology. Ethics and laws governing animal welfare will be analyzed. The states of wellness and disease of both small and large animals will be presented in regards to nutrition and prevention and control. The course will explore the husbandry and housing of canine, feline, equine, bovine, porcine and small ruminants. Common procedures, handling, behavior and vaccination protocols of common domestic species will be presented. Three credit hours. Prerequisites and/or Considerations: This course is for non- Vet majors, VET 100 and BIO 101 Biology with a minimum grade of C-, or Bio 160 Human Anatomy with a minimum grade of C-, or BIO 171 Anatomy and Physiology II with a minimum grade of C-. Offered fall/spring semester, as needed.
**BIO 298 SPECIAL TOPIC IN BIOLOGY**

Topic to be specified each semester course offered.

**BIO 301 EPIDEMIOLOGY AND BIOSTATISTICS**

This course provides an introduction to descriptive and inferential statistical techniques using computer statistical software. Topics such as hypothesis testing and interpretation of data from health, behavior, ecological and epidemiologic research will be covered. The course will also review the methods used in epidemiologic research, including the calculation of rates, sampling theory, and types of studies. Three credit hours. Prerequisites and/or Special Considerations: BIO 161 or BIO 171 and MAT 105. Offered fall/spring semester, as needed.

**BIO 303 TOXICOLOGY**

This course is an introduction to the fundamental principles of toxicology. Topics include the history and scope of toxicology, the mechanisms of toxicity, and risk assessment. Depending upon the specialized areas of interest of the instructor, students are also introduced to broader subjects in the discipline such as environmental toxicology, clinical toxicology, and forensic toxicology. Three credit hours. Prerequisites and/or Special Considerations: BIO 161 or 171 and any college-level chemistry course. Offered fall/spring semester, as needed.

**BIO 310 IMMUNOLOGY**

The course is designed to provide students with in-depth knowledge of the current principles of immunology. Both humoral and cellular immune responses will be examined in terms of the cells involved and the method in which the cells recognize and react to foreign antigens. Several disease states that are controlled by host immunity will also be included. Three credit hours. Prerequisites and/or Special Considerations: BIO 200 and any college-level chemistry course. Offered fall/spring semester, as needed.

**BIO 312 PATHOPHYSIOLOGY AND PHARMACOLOGY I**

This course is the first half of a detailed investigation into pathophysiology and pharmacology. Students examine the biological and physical manifestations of a wide variety of diseases and conditions, the appropriate medical procedures, and the related pharmacology, as well as the ways in which this information is used in coding, medical transcription, and data analysis. *Pathophysiology and Pharmacology I* examines basic pharmacology and pathophysiology concepts; infectious diseases; endocrine, deficiency, and immunity disorders; mental disorders; the nervous system; sense organs; and the cardiovascular system. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.
BIO 313 PATHOPHYSIOLOGY AND PHARMACOLOGY II

This course is the second half of a detailed investigation into pathophysiology and pharmacology. Students examine the biological and physical manifestations of a wide variety of diseases and conditions, the appropriate medical procedures, and the related pharmacology, as well as the ways in which this information is used in coding, medical transcription, and data analysis. Pathophysiology and Pharmacology II examines the respiratory system, the digestive system, the integumentary system, the musculoskeletal system, the genitourinary system, obstetrics and newborns, as well as injury and trauma. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

BIO 320 ECOLOGY

The study of the relationships of organisms to their environment. Topics include the ecology of individual organisms as well as population, community, and ecosystem ecology. Application of ecological principles to issues of environmental concern such as pollution, conservation, and land use will be considered. Additional student time outside of scheduled class and laboratory hours may be required for assignments and/or travel to and from off-campus activities. Four credit hours. Prerequisites and/or Special Considerations: any college-level biology course. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 320 and the lab BIO 320 L is required.

BIO 330 GENETICS

A study of the fundamental concepts of transmission, molecular and population genetics. Mendelian principles and their applications are explored; the chemical and physical structure of chromosomes, genetic linkage and mapping are included. Expression of genetic material, chromosomal organization, mutations and mechanisms of recombination are discussed. Three credit hours. Prerequisites and/or Special Considerations: any college-level biology course with a minimum of a C-, and any college-level chemistry course with a minimum of a C-. Offered fall/spring semester, as needed.

BIO 340 ANIMAL BEHAVIOR

This course covers the natural behavior of animals, providing a broad examination of genetic, neural, developmental, ecological, social and evolutionary aspects of behavior. Specific discussion will focus on sexual and parental behavior, migration, communication and aggression and learning. Summarization will address behavior problems, methods of intervention and solutions pertaining to companion and farm animals. An outside field trip is required. Comparative studies will be used for helping to understand human behavior. Three credit hours. Prerequisites and/or Special Considerations: any college-level biology course. Offered fall/spring semester, as needed.
**BIO 370 ADVANCED VERTEBRATE PHYSIOLOGY I**

An investigation into comparative vertebrate physiology of the nervous, muscular, hematologic, cardiovascular, respiratory and excretory systems as they relate to environmental adaptation, health and disease states. Analysis of organ system physiology in whole animal survival is emphasized. Three credit hours. Prerequisites and/or Special Considerations: BIO 171 and a minimum grade of C-. Offered fall/spring semester, as needed.

**BIO 371 ADVANCED VERTEBRATE PHYSIOLOGY II**

An investigation into comparative vertebrate physiology of the digestive, reproductive and endocrine systems as they relate to environmental adaptation, health and disease states. Thermoregulatory mechanisms are explored. Analysis of organ system physiology in whole animal survival is emphasized. Three credit hours. Prerequisites and/or Special Considerations: BIO 171 or equivalent. Offered fall/spring semester, as needed.

**BIO 421 ICHTHYOLOGY**

This course is an exploration of the taxonomy and biological characteristics of fish, including their anatomy and physiology, life history, ecology and distribution. The relationship of fishes to man will be examined. The laboratory will include identification of native and exotic species, surface and internal anatomy, and field trips to examine specimens in their natural and/or captive environments. Special emphasis is placed on the identification and life history of native New York fauna. Field trips may require time outside of normally scheduled class and/or lab. Four credit hours. Prerequisites and/or Special Considerations: BIO 171 and a minimum grade of C-. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 421 and the lab BIO 421 L is required.**

**BIO 422 HERPETOLOGY**

This course is an exploration of the taxonomy and biological characteristics of reptiles and amphibians, including their anatomy and physiology, life history, ecology and distribution. The relationship of herptiles to man will be examined. The laboratory will include identification of native and exotic species, surface and internal anatomy, and field trips to examine specimens in their natural and/or captive environments. Special emphasis is placed on the identification and life history of native New York fauna. Field trips may require time outside of normally scheduled class and/or lab. Four credit hours. Prerequisites and/or Special Considerations: BIO 171 and a minimum grade of C-. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 422 and the lab BIO 422 L is required.**
BIO 423 ORNITHOLOGY

This course is an exploration of the taxonomy and biological characteristics of birds, including their anatomy and physiology, life history, ecology and distribution. The relationship of avians to man will be examined. The laboratory will include identification of native and exotic species, surface and internal anatomy, and field trips to examine specimens in their natural and/or captive environments. Special emphasis is placed on the identification and life history of native New York fauna. Field trips may require time outside of normally scheduled class and/or lab. Four credit hours. Prerequisites and/or Special Considerations: BIO 101 with a minimum of a C-, BIO 160 with a minimum of a C-, and BIO 171 with a minimum of a C-. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 423 and the lab BIO 423 L is required.

BIO 424 MAMMALOLOGY

This course is an exploration of the taxonomy and biological characteristics of mammals, including their anatomy and physiology, life history, ecology and distribution. The relationship of mammals to man will be examined. The laboratory will include identification of native and exotic species, surface and internal anatomy, and field trips to examine specimens in their natural and/or captive environments. Special emphasis is placed on the identification and life history of native New York fauna. Field trips may require time outside of normally scheduled class and/or lab. Four credit hours. Prerequisites and/or Special Considerations: BIO 171 and a minimum grade of C-. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture BIO 424 and the lab BIO 424L is required.

BIO 430 ORGANIC EVOLUTION

This course will explore the evolutionary process in detail and will address the rationale underlying evolutionary theory. Topics include the evidence for evolution, the mechanisms of evolutionary change, and the measurement of evolutionary change, speciation and the analysis of phylogeny. Three credit hours. Prerequisites and/or Special Considerations: BIO 171, BIO 330, MAT 114 or equivalent, and any college-level chemistry course. Offered fall/spring semester, as needed.

BIO 470 DEVELOPMENTAL BIOLOGY

An intensive examination of developmental biology from both the classical and contemporary perspectives. Topics include fundamental concepts such as nuclear totipotency, cell determination, induction, and morphogenesis interspersed with modern genetic and molecular analyses of development. Current issues in developmental biology will also be addressed. Three credit hours. Prerequisites and/or Special Considerations: BIO 220 and BIO 330. Offered fall/spring semester, as needed.
BIO 498 INDEPENDENT STUDY IN BIOLOGY

Topic to be specified each semester course offered.

BUSINESS INFORMATION SYSTEMS

BIS 290 FUNDAMENTALS OF INFORMATION SYSTEMS

This online course provides an introduction to systems and development concepts, information technology, and application software. It explains how information is used in organizations and how IT enables improvement in quality, timeliness, and competitive advantage. Systems theory, quality, decision-making, and the organizational role of information systems are introduced. Information technology including computing and telecommunications systems are stressed. Concepts of organizations, information systems growth, and process improvement are introduced. The course may also be of interest to non-science majors who want a science based elective. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

BIS 300 DATABASE DESIGN AND DEVELOPMENT

This online course covers information systems design and implementation within a database management system environment. Students will demonstrate their mastery of the design process acquired in earlier courses by designing and constructing a physical system using database software to implement the logical design. Four credit hours. Prerequisites and/or Special Considerations: BIS 290. Offered as needed.

BIS 350 COMPUTER ARCHITECTURE

In this course, students will review the theoretical underpinnings, installation, and configuration of computer hardware and software through operational laboratory experiences. This course provides systems development personnel with hardware and software technology background, enabling them to evaluate computer architecture options and alternatives for effective use in a business environment. System architecture for networked computing systems and operating systems will also be covered. Four credit hours. Prerequisites and/or Special Considerations: Previous BBA/IS courses. Offered as needed.

BIS 355 INFORMATION SYSTEMS SECURITY: POLICY AND PROCEDURE

This course explores the development of the policies and procedures needed to implement information security controls. Students will review, evaluate, and develop various types of policies, procedures, and security manuals, as well as assessing the security issues, trends, and resources most relevant for business today. Upon completion of the course, students will be able to create and defend an information security policy, identify processes to implement and enforce.
policy, and evaluate various security threats and risks. Students will also explore how information security must be integrated into all aspects of the business process. Tier 1- Tier- 3 policies will be discussed along with the mapping of the requirements for each. Four credit hours. Prerequisites and/or Special Considerations: CIS 160 and BIS 250. Offered, as needed.

**BIS 390 COMPARATIVE PROGRAMMING LANGUAGE**

This course provides a study of several modern programming languages and the programming paradigm that each language strives to accommodate. Procedural, functional, logical, compiled, and interpretative programming languages are studies. For each language we will study data types, control structures, syntax and semantics, idiomatic constructs, translation into executable units, and the run-time environment. In some cases we will go behind the scenes to examine implementation of language elements. Students will develop a small program in each language discussed. An emphasis of the course will be to understand the design philosophy of each language and how that philosophy is exhibited in the elements of the language. Four credit hours. Prerequisites and/or Special Considerations: BIS 350 and BIS 360. Offered fall/spring semester, as needed.

**BIS 400 SYSTEMS ANALYSIS**

This course examines the system development and modification process. It emphasizes the factors required for effective communication and integration with users and user systems while it promotes development of interpersonal skills between clients, users, team members, and others associated with development, operation, and maintenance of the system. Structured and object-oriented analysis and design, use of modeling tools, adherence to methodological life cycles, and project management standards are used to analyze and design information systems. Students will apply course content through group analysis and design of a departmental level system. Four credit hours. Prerequisites and/or Special Considerations: previous BBA/IS courses. Offered as needed.

**BIS 410 DISTRIBUTED SYSTEMS ANALYSIS**

This course presents the physical design and implementation of information systems applications in emerging distributed computing environments using traditional and contemporary development methodologies. Students will use systems analysis concepts to analyze an information system in an emerging systems environment. Learning teams will use project management principles to analyze and recommend an information system. Four credit hours. Prerequisites and/or Special Considerations: previous BBA/IS courses. Offered as needed.

**BIS 480 PROJECT MANAGEMENT CAPSTONE**

This course covers the factors necessary for successful management of information systems development or enhancement projects. Both technical and behavioral aspects of project management are applied within the context of an information systems development project.
Advanced IS majors operating as a high-performance team will engage in and complete the design and implementation of a significant information system. Project management, management of the IS function, and systems integration will be demonstrated and assessed in this project experience. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

BUSINESS

BUS 298 SPECIAL TOPICS IN BUSINESS

Topic to be specified each semester course is offered.

BUS 301 LEGAL AND ETHICAL ISSUES IN BUSINESS

This course provides a comprehensive look at the legal and ethical issues which shape modern business, integrating concepts from law, ethics and current management practice. Students will review government regulation, business structures, legal concepts, professional codes of conduct, individual personal value conflicts, and corporate values, morals, and ethical codes. Although the course focuses on the American corporation, international law and business transactions are covered as well. Extensive use of case studies will help students to integrate legal and ethical concepts with practical business applications. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

BUS 320 PROFESSIONAL ETIQUETTE AND IMAGE

This course will explore the areas of business and professional etiquette and image so that students will understand and appreciate the critical role these play in the business environment. Basic skills and techniques will be discussed to enable students to better project a professional business image. Four credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

BUS 325 INTERNATIONAL BUSINESS STRATEGY

This course will look at how firms become and remain international in scope. The course deals with the experiences of firms of all sizes, and from many countries, as they come to grips with an increasingly competitive global environment when a home market perspective is no longer enough. Through carefully selected comprehensive case studies and integrated text material, this course bridges both the internationalization process and multinational management. Three credit hours. Prerequisite: junior standing. Offered fall/spring semester, as needed.

BUS 398 SPECIAL TOPICS IN BUSINESS

Topic to be specified each semester course is offered.
BUS 420 E-BUSINESS STRATEGY AND DESIGN

This course establishes the link between organizational strategy and current electronic methods of delivering products, services and exchanges in inter-organizational, national, and global environments. Information technology strategy and technological solutions for enabling effective business processes within and between organizations in a global environment are examined and appraised. Students analyze the ways in which networked information technology can implement and enhance organizational strategy, connecting individuals, businesses, governments, and other organizations to each other. The course provides an introduction to e-business strategy and the development and architecture of e-business solutions and their components. Four credit hours. Prerequisites and/or Special Considerations: previous BBA/IS courses. Offered as needed.

BUS 430 BUSINESS DATA COMMUNICATIONS

This course provides an overview of the telecommunications industry today – including voice, data, and video transmissions. Students are introduced to the major components of local area networks (LANs) and wide area networks (WANs), exploring issues related to the design and administration of computer networks. The Internet and its underlying technologies (TCP/IP, domain management, etc.) are reviewed. Varying transmission media are compared, and students will gain a fundamental understanding of the operation of wired and wireless data communications. Data communications fundamentals, encoding methods, and network security are also discussed. Four credit hours. Prerequisites and/or Special Considerations: previous BBA/IS courses. Offered as needed.

BUS 445 CASE STUDIES IN GLOBAL STRATEGY

This course examines the strategies, competencies, policies, and procedures used to compete in a global business environment. Through in-depth study of the macro and micro-environments and the internal core competencies of a company, students will examine how a strategy can be crafted to build and maintain a competitive advantage. The forces which drive and control international business will be identified and their impact on conducting business in foreign countries analyzed. Through case study analysis, students will apply the material; in a final international business case, students will assess the overall success of a business venture and offer recommendations for long-term viability. Four credit hours. Prerequisites and/or Special Considerations: previous BBA/IS courses. Offered as needed.

BUS 470 BUSINESS AND STRATEGY CAPSTONE I

This course introduces the student’s capstone experience. Online activities lead the student to evaluate and improve his/her resume and interviewing techniques. At the same time, students will engage in online discussion of current business readings and case studies to become familiar with the fundamentals of business strategy. One credit hour. This course is offered only in conjunction with BUS 471 and BUS 472. Offered as needed.

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BUS 471 BUSINESS AND STRATEGY CAPSTONE II

This course introduces the fundamental concepts of business strategy. Students engage in online analysis of current readings and case studies on business strategy: student teams participate in an online business strategy simulation. One credit hour. This course is offered only in conjunction with BUS 470 and BUS 472. Offered as needed.

BUS 472 BUSINESS AND STRATEGY CAPSTONE III

This course concludes the students’ capstone experience. At the same time, student teams will participate in an online business strategy simulation. Two credit hours. This course is only offered in conjunction with BUS 470 and BUS 471. Offered as needed.

BUS 476 BUSINESS STRATEGY CAPSTONE

This Capstone course integrates the knowledge and skills of business concepts and functions learned in the previous BBA courses. The final comprehensive simulation requires the application of theory to real situations, the statistical analysis of data, the employment of appropriate problem-solving methodologies, and effective oral and written communication. The legal, social, and economic environments of business, including the global environment, will be factors in the decision making required for effective business simulation. Four credit hours. Prerequisites and/or Special Considerations: previous BBA courses. Offered, as needed.

BUS 498 INDEPENDENT STUDY IN BUSINESS

Topic to be specified each semester course offered.

CHEMISTRY

CHE 100 INTRODUCTORY CHEMISTRY

A one semester course intended for students that have not completed a chemistry course before entering college or those who have not studied basic chemistry in several years. The course covers elementary concepts of general chemistry and develops problem solving skills. Students will gain the background and confidence needed to enter into General Chemistry or Chemistry for the Health Sciences. The course may also be of interest to non-science majors who want a science based elective. Three credit hours. Prerequisites and/or Special Considerations: high school Math. Offered fall/spring semester, as needed.

CHE 145 CHEMISTRY FOR THE HEALTH AND SCIENCES

This one-semester course gives students entering allied health, veterinary, or medical fields a fundamental knowledge of areas of chemistry that relate to physiological principles. The course covers the fundamental concepts and essentials of general chemistry, introductory organic
chemistry and an introduction to biochemistry. A laboratory will introduce students to the use of the scientific method by combining experiments, observations, measurements and analysis. Four credit hours. Prerequisites and/or Special Considerations: minimum grade of a C- in MAT 112 or MAT 114 or higher placement. Offered fall/spring semester, as needed.

**Note: Registration for both lecture CHE 145 and laboratory CHE 145L is required.

This course emphasizes the following Essential Learning Outcomes for Medaille College:

Scientific Reasoning

CHE 200 GENERAL CHEMISTRY I

A combination of lecture and laboratory exercises that provide an introduction to the basic principles of chemistry. Topics include stoichiometry, atomic theory, chemical bonding, thermochemistry, states of matter, and properties of mixtures. This course includes three hours of lecture, three hours of laboratory and one hour of recitation per week. Four credit hours. Prerequisites and/or Special Considerations: minimum grade of a C- in MAT 114 or higher level math course high school Chemistry or CHE 145 is recommended. Offered fall /spring semester, as needed.

**Note: Registration for both the lecture CHE 200 and the lab CHE 200L is required.

CHE 201 GENERAL CHEMISTRY II

The Application of principles learned in CHE 200 to complex chemical systems. Topics include kinetics, acids equilibria, thermodynamics and electrochemistry. This course includes three hours of lecture, three hours of laboratory and one hour of recitation per week. Four credit hours. Prerequisites and/or Special Considerations: minimum grade of a C- in CHE 200. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture CHE 201 and the lab CHE 201L is required.

CHE 300 ORGANIC CHEMISTRY I

An introductory course that examines the properties of carbon-containing compounds. Lecture topics will include nomenclature, organic functional groups, reaction mechanisms, stereochemistry, acid-base chemistry, oxidation-reduction reactions, and synthetic schemes. The laboratory will introduce the student to organic techniques and synthesis. This course includes three hours of lecture, three hours of laboratory and one hour of recitation per week. Four credit hours. Prerequisites and/or Special Considerations: minimum grade of a C- in CHE 201. Offered fall/spring semester, as needed.

**Note: Concurrent enrollment in lecture CHE 300 and lab CHE 300L is required.
CHE 301 ORGANIC CHEMISTRY II

A continuation of Chemistry 300. The course supplies an expanded view of organic synthesis, reaction mechanisms, and stereochemistry. The student will develop a more complete synthetic correlation chart. The chemistry of organic molecules will be related to the biochemical reactions of living systems. Emphasis will be placed on spectroscopy, molecular rearrangements, and applications to molecular genetics. The laboratory will offer an integration of organic techniques such as spectroscopy, chromatography, and analytical techniques. This course includes three hours of lecture, three hours of laboratory and one hour of recitation per week. Four credit hours. Prerequisites and/or Special Considerations: minimum grade of a C- in CHE 300. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture CHE 301 and the lab CHE 301L is required.

CHE 400 GENERAL BIOCHEMISTRY

A course that explores the biological importance of chemical compounds with emphasis on the relationship between structure and function. Topics include enzyme regulation, enzyme kinetics, the role of carbohydrates, the biological mechanisms employed in energy production, and the integration of metabolic pathways. The laboratory will provide an introduction to the fundamental techniques of biochemistry. Four credit hours. Prerequisites and/or Special Considerations: minimum grade of a C- in BIO 171 and CHE 301. Offered fall/spring semester, as needed.

**Note: Concurrent enrollment in lecture CHE 400 and lab CHE 400L is required.

CHE 498 INDEPENDENT STUDY IN CHEMISTRY

Topic to be specified each semester course offered.

CHINESE

CHI 101 ELEMENTARY CHINESE (MANDARIN) I

This course is designed for individuals learning Mandarin Chinese as a foreign language at the beginning level. The course aims at developing elementary communicative skills and basic knowledge of the Mandarin Chinese language. Extensive training in the vocabulary building and role playing, utilizing language in everyday situations, as well as phonology, character writing, and basic grammar skills will be introduced. Learners will be exposed to the Chinese culture along with the language study. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.
CHI 102 ELEMENTARY CHINESE (MANDARIN) II

This course is a continuation of CHI 101. It will instruct the student in relatively more complex grammatical structures and vocabulary building as well as character writing. It encourages an increased degree of accuracy and control in the spoken language with correct tones. Learners will be further exposed to the Chinese culture along with the language study. Three credit hours. Prerequisites and/or Special Considerations: CHI 101. Offered fall/spring semester, as needed.

COMMUNICATION

COM 101 INTRODUCTION TO MASS COMMUNICATION

This survey course provides an overview of the history, development, and influences of the various forms of mass communication, such as digital print, radio, and television. The course will also examine technological breakthroughs (innovations) within the field and their effects on the experiences of the various audiences, including the merging of mass and interpersonal communication. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

COM 110 JOURNALISM IN THE DIGITAL ERA

Examination of the basic tenets of newspaper journalism – how to research, organize and write a story. Also covers internal structures of a newspaper: advertising, circulation and editorial policies and practices. Newspaper censorship and libel laws are discussed. Different styles and expectations for both print and on-line news writing will be explored. Includes field trips and guest lecturers. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent. Offered fall/spring semester, as needed.

COM 130 SURVEY OF BROADCASTING: HISTORY, PROGRAMMING AND OPERATIONS

An introduction to current organizational structures, programming, production, and operation of broadcast media. Also details functions of the Federal Communication Commission, and laws relating to electronic media. Effects of broadcasting are also discussed, as well as a historical overview of the radio, television, cable and satellite industries. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

COM 150 MEDIA PROMOTIONS AND MARKETING

The purpose of this course is to introduce students to the process of promotion. Each element of the promotional mix – advertising, public relations, sales promotion and personal selling is discussed within the framework of integrated marketing communications. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.
COM 200 DIGITAL MEDIA PRODUCTION

An introduction to digital production and multimedia techniques using video, audio, graphics, and photograph. This course provides students with a critical understanding of visual storytelling from the shaping of ideas to shooting, capturing and editing a final product. Student will also be introduced to the idea of “backpack journalism” as well as the skills involved in creating media presentations for multiple formats and technological outlets. Three credit hours. Prerequisites and/or Special Considerations: COM 101 and COM 130. Offered fall/spring semester, as needed.

Students should note that COM 200 has been identified as a U course in the EQUIP curriculum sequence.

COM 210 COMPUTER ASSISTED REPORTING

This course will be a hands-on journalism course, providing students with instruction on use of techniques and software that would then be used in development of stories. This course will introduce students to the fundamentals of Computer Assisted Reporting (CAR), including spreadsheet and database skills, as well as using the Internet in researching, compiling, and submitting new stories. Three credit hours. Prerequisites and/or Special Considerations: COM 110, ENG 110 or equivalent, and CIS 115 or equivalent. Offered fall/spring semester, as needed.

COM 211 MASS MEDIA WRITING

This course is intended to provide the students with an opportunity to practice non-persuasive and persuasive writing for mass media audiences. The course will introduce the students to the various styles of writing for public relations, advertising, radio and television broadcasting and print media (newspaper and magazine) and the Web. Three credit hours. Prerequisites and/or Special Considerations: COM 110 and ENG 200 or equivalent. Offered fall/spring semester, as needed.

COM 230 RADIO PRODUCTION TECHNIQUES

Students are introduced to various types of radio continuity writing. Using College studio facilities, students are exposed to current radio programming production methods and are given opportunity to use professional broadcasting equipment to produce original programs and “spot” announcements. Three credit hours. Prerequisites and/or Special Considerations: COM 101, COM 130, and ENG 110 or equivalent. Offered fall/spring semester, as needed.

COM 235 RADIO PROGRAMMING

A basic introductory course in the study of radio programming. Students will focus on progressive techniques and methods used in successful strategies as well as audience perception and attitudes. Students will dive into the minds of radio program directors in order to understand how ratings are part of the game plan and how changes will play a major role in format selection.
and change. Three credit hours. Prerequisites and/or Special Considerations: COM 130. Offered fall/spring semester, as needed.

**COM 236 BROADCAST MEDIA PERFORMING**

A course designed for those persons who wish to develop their skill as “on-air” performers. Attention is given to techniques of delivery, style, announcing and performing on radio and television. Three credit hours. Prerequisites and/or Special Considerations: COM 130 and SPE 130. Offered fall/spring semester, as needed.

**COM 260 PHOTOJOURNALISM**

Photojournalism is a particular form of journalism that creates images in order to tell a news story. Photojournalism provides a more complex and fully human way of capturing, describing and explaining to others what words often fail to do. With the new age of Digital Photography, photojournalism has become almost instant. Photographs can evoke a range of human feelings—dignity, integrity, shame, industry, integrity, pain, or joy—far beyond verbal linguistic description. Photojournalism as an art has developed into a new form of photographs for web slide shows and video. Students will see the importance of digital photography and the correct ways to use it. Students will be expected to attend off campus events at times other than the scheduled class time as needed. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**COM 267 MULTIMEDIA GRAPHIC DESIGN**

This course will introduce students to the basics of desktop publishing and graphic design. They will be exposed to a form of communication that combines writing skills, design techniques and computer capabilities. Students will be given the opportunity to create ads, fliers, and professional-grade publications through hands-on experience. Three credit hours. Prerequisites and/or Special Considerations: COM 101. Offered fall/spring semester, as needed.

**COM 277 FIELD EXPERIENCE I**

Observational and “hands-on” introduction to a media form through field placement in a media agency. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their department’s expectations, goals and objectives of enhancing students’ academic and professional development and the needs of their host organization. A total of 135 hours is required for this field experience. Included in the internship is 15 hours of in-class instruction. Three credit hours. Prerequisites and/or Special Considerations: COM 101, COM 110, COM 130, COM 150 and ENG 200 or equivalent, and a 2.0 cumulative GPA. Offered fall/spring semester, as needed.
COM 298 SPECIAL TOPIC IN COMMUNICATION

Topic to be specified each semester course offered.

COM 300 INTRODUCTION TO COMMUNICATION THEORY

This course is a survey of the current body of theory which pertains to nonverbal, interpersonal, mass communication, spoken, and written communication. Language structures, meaning, encoding, social interactions, and evaluations are discussed. Three credit hours. Prerequisites and/or Special Considerations: SPE 130 and ENG 110 or equivalent. Offered fall/spring semester, as needed.

COM 305 JOURNALISM PRACTICUM

A course designed to introduce students to the tools and strategies needed to publish the Medaille College student newspaper. This course will help students learn how to obtain article submissions for publication, set up editorial criteria for copy editing, create a layout of the newspaper and obtain advertising revenue, organize, publicize, and implement a campus student newspaper and encourage more interest in and support for the Medaille College student newspaper. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

COM 311 SOCIAL MEDIA STRATEGIES

This class examines the relationship between society and the current crop of computer-mediated communication technologies known as “social media.” This class will break down the mythologies of social media and develop methods of analysis and critical evaluations or the impact of social media on branding, politics, news media and marketing. Students will gain basic practical social media skills including understanding the landscape, learning “best practices”, and using different social media technologies throughout the class to create content. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

COM 330 TELEVISION PRODUCTION TECHNIQUES

A study and implementation of current television production methods and equipment. Students learn the basic concepts of shooting, editing, lighting, producing and directing television program material. Student will also be introduced to the concept of producing video material for the Internet. Three credit hours. Prerequisites and/or Special Considerations: COM 130. Offered fall/spring semester, as needed.
COM 336 BROADCAST NEWS JOURNALISM

A course which covers the operation of radio and television station newsrooms. Concentrates on techniques of reporting and editing news for an audio audience as well as practical instruction development of visual ideas for those media. Students will visit area radio and television newsrooms. Three credit hours. Prerequisites and/or Special Considerations: COM 110, COM 130 and ENG 110 or equivalent. Offered fall/spring semester, as needed.

COM 355 THE THEORY OF MEDIA CRITICISM

This course will not only allow Communication and non-Communication majors to become more articulate in their appraisal of media content, but it also will teach them how to assess the validity of other reviews of media content. The course will review form and content of all areas of media and the arts, including radio, television, print, and graphic art. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and junior standing. Offered fall/spring semester, as needed.

COM 365 GRAPHIC DESIGN/PHOTOGRAPHY AT THE NEWSPAPER

This course is an exploration into the key role visual communications plays in the publication of a student newspaper in print and online. Design principles are defined and utilized in the creation of photographs, advertisements, editorial packages and a complete newspaper. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, or COM 110. Offered fall/spring semester, as needed.

COM 377 FIELD EXPERIENCE II

This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. COM 377 provides an observational and “hands-on” introduction to a media form through field placement in a media agency. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives of enhancing students’ academic and professional development and the needs of their host organization. A total of 120 hours is required for this field experience. It is a required course for Communication majors. Three credit hours. Prerequisites and/or Special Considerations: COM 277 and a 2.0 cumulative GPA. Offered fall/spring semester, as needed.

COM 380 SPORTS AND MEDIA COVERAGE

This course will cover program content and delivery in sports media. Students will learn the inner workings of the sports media including programming decisions about live events, news and opinion. Emphasis will be placed on how the sports media delivers content to the public. Three
credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

**COM 388 FIELD EXPERIENCE**

This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. COM 388 provides an observational and “hands-on” introduction to a media form through field placement in a media agency. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives of enhancing students’ academic and professional development and the needs of their host organization. It is for students wishing to explore a third media situation. Three credit hours. Prerequisites and/or Special Considerations: COM 277 and a 2.0 cumulative GPA. Offered fall/spring semester, as needed.

**COM 390 CRISIS COMMUNICATION**

This course examines the variables involved in crisis planning, communication and the role of the media in crisis management. It will consider how the media acts as a catalyst as well as intermediary in this process. The course will also focus on public relations techniques necessary for communicating with internal and external stakeholders during a crisis. Guest speakers from the community will present to the class how they solved a crisis they had in their organization. This course may be used as an upper level liberal arts elective. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

**COM 398 SPECIAL TOPIC IN COMMUNICATION**

Topic to be specified each semester course offered.

**COM 400 MEDIA COMMUNICATION LAW AND ETHICS**

This course is a study of the history of media communication law from the First Amendment of the Constitution to laws in congress today. Students discuss current issues and regulations involving ethical standards in all media. This course deals specifically with the rights of the reporter, the right of the public to know, government constraints and moral sensibilities. Three credit hours. Prerequisites and/or Special Considerations: COM 377. Offered fall/spring semester, as needed.

**COM 405 MEDIA MANAGEMENT PRACTICUM**

This course will involve managing and operating the student newspaper and oversee the editorial, advertising/promotion, production, circulation and distribution functions of the newspaper. Incorporate social media and online platforms to inform, grow and attract an
audience. Demonstrate planning, collaboration, leadership and management skills. Three credit hours. Prerequisites and/or Special Considerations: COM 305 or COM 365. Offered fall/spring semester, as needed.

**COM 421 ADVERTISING/PR CAMPAIGN PLANNING**

A course involving the students in the design, implementation, and execution of a complete Advertising/PR campaign. Students work in teams on analysis of marketing problems, research expenditures, media selection, and creative plan execution. May include multimedia presentation format. Three credit hours. Prerequisites and/or Special Considerations: COM 150 and ENG 200 or equivalent. Offered fall/spring semester, as needed.

**COM 475 MEDIA AND SOCIETY SEMINAR**

This course is an upper-level examination of media issues. This course will primarily focus on current and significant issues in mass media, including issues of commercialism, information overload, media bias, consolidation, and media convergence. This course rigorously examines how and why the current media landscape is changing and how this affects daily lives. Three credit hours. Prerequisites and/or Special Considerations: COM 300, ENG 200 or equivalent, and junior standing. Offered fall/spring semester, as needed.

**COM 477 FIELD EXPERIENCE III**

This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. COM 477 provides an intensive off-campus experience which builds upon the skills/knowledge/attitudes gained in COM 277 and COM 377. It prepares the student for employment in his or her chosen field of media. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives of enhancing students’ academic and professional development and the needs of their host organization. A total of 200 hours is required for this field experience. Six credit hours. Prerequisites and/or Special Considerations: COM 377 and a 2.0 cumulative GPA. Offered fall/spring semester, as needed.

**COM 498 INDEPENDENT STUDY IN COMMUNICATION**

Topic to be specified each semester course offered.
COMPUTER INFORMATION SYSTEMS

CIS 115 COMPUTER APPLICATIONS
This course provides “hands-on” computer literacy by developing specific skills in the types of standard application software used in most organizations. The instruction includes the introduction of a graphical user interface (GUI), computer word processing, spreadsheets, and database management along with graphics, telecommunications and other pertinent topics such as computer ethics. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

CIS 118 COMPUTER SKILLS AND APPLICATION
This skill-based introduction to the personal computer develops specific skills in the types of standard application software used in most organizations. Instruction includes the introduction of a graphical user interface (GUI), computer word processing, spreadsheets, and database management along with graphics, telecommunications and other pertinent topics such as computer security and ethics. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

CIS 120 COMPUTER APPLICATIONS
This course assesses student computer literacy, as it will be used in subsequent CCI courses. Demonstrated skills in standard application software are required, including graphical user interface (GUI), computer word processing, spreadsheets, and database management, along with graphics and telecommunications. Student proficiency will determine the level of instruction; questions of ethics, the role of technology in today’s culture, and study group formation are also highlighted. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

CIS 121 COMPUTER APPLICATIONS
This course assesses student computer literacy, as it will be used in subsequent CCI courses. Demonstrated skills in standard application software are required, including graphical user interface (GUI), computer word processing, spreadsheets, and database management, along with graphics and telecommunications. Student proficiency will determine the level of instruction; questions of ethics, the role of technology in today’s culture, and study group formation are also highlighted. Four credit hours. Prerequisites and/or Special Considerations: none. Offered, as needed.
CIS 160 ESSENTIAL TECHNOLOGIES FOR TODAY

In this course students will be exploring and evaluating the advancing surge of digital technology around them. Students will demonstrate increased proficiency using application software while developing aptitude in internet searches, exploring new hardware and software innovations, and evaluating the risks and benefits of other uses of technology such as cloud computing concepts, social networking, and internet security. Mobile devices and GPS technology will be introduced along with future technology trends. Three credit hours. Prerequisites and/or Considerations: none. Offered as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Technology

CIS 175 TECHNOLOGY APPLICATIONS IN EDUCATION

This course provides "hands-on" computer literacy by developing specific skills in the types of standard application software used in early childhood and childhood education (birth-sixth grade) and adolescent education. The instruction stresses management/administrative software that a teacher uses in education. Students will be engaged in both application and developmental aspects of a wide range of classroom hands-on tools. These tools will prepare students to become productive educators and allow them to assist their future students with learning. Three credit hours. Prerequisites and/or Special Considerations: Education majors only. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Technology

CIS 245 INTERMEDIATE MICROCOMPUTER APPLICATIONS

This course is a continuation of the introduction course on computer applications. The course emphasizes the integration of popular microcomputer software using advanced concepts. Students will learn advanced features of (1) word processing such as tables, mail merge, macros, and desk-top publishing features; (2) spreadsheet program to develop charts, macros and use the database feature of spreadsheets; and (3) database program to create reports and forms using macros and modules. Three credit hours. Prerequisites and/or Special Considerations: CIS 115 or Windows skills and computer file management. Offered fall/spring semester, as needed.

CRIMINAL JUSTICE

CRJ 101 INTRODUCTION TO CRIMINAL JUSTICE

An introductory course designed to provide a foundation of information on characteristics of crime and criminal justice procedures. An interdisciplinary approach is used, drawing on perspectives from legal studies, psychology, sociology, political science, history, and other
disciplines. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**CRJ 160 CRIME AND SOCIETY**

This course is designed to heighten the student’s awareness of the theoretical explanations for criminal behavior and resulting ideas for prevention, treatment, and punishment which may be implemented by the government. The perspectives of the originators of criminological thought will be discussed as well as contemporary approaches to understanding the nature, causes, and prevention of crime. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**CRJ 170 LAW ENFORCEMENT ETHICS**

This course is designed to provide the student with ethical awareness. The need for ethical standards throughout the criminal justice system has long been advocated. Discussion of ethical issues in particular situations will be included as well as high standards of behavior generally. Written codes and canons of ethics will be analyzed and evaluated. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**CRJ 180 INTRODUCTION TO PERSONAL COMPUTERS AND THEIR OPERATING SYSTEMS FOR COMPUTER CRIME INVESTIGATIONS**

An introduction to the IBM-based personal computer and its DOS and Windows-based operating system designed for the Criminal Justice major who may eventually specialize in computer-related investigations. The course will provide an intermediate working knowledge of computer hardware and the basic operating systems of DOS and Windows. The course will focus on the creation, maintenance and destruction of data stored in electronic form, and provides an understanding of the significance of this data as possible evidence to criminal investigations. Three credit hours. Prerequisites and/or Special Considerations: CIS 115, restricted to CRJ majors. Offered fall/spring semester, as needed.

**CRJ 181 INTRODUCTION TO PERSONAL COMPUTERS AND THEIR OPERATING SYSTEMS FOR COMPUTER CRIME INVESTIGATIONS**

An introduction to the IBM-based personal computer and its DOS and Windows-based operating system designed for the Criminal Justice major who may eventually specialize in computer-related investigations. The course will provide an intermediate working knowledge of computer hardware and the basic operating systems of DOS and Windows. The course will focus on the creation, maintenance and destruction of data stored in electronic form, and provides an understanding of the significance of this data as possible evidence to criminal investigations. Four credit hours. Prerequisites and/or Special Considerations: CIS 121. Offered as needed.
CRJ 201 INTRODUCTION TO CRIMINAL LAW

A comprehensive introduction to the substantive law of crimes. Topics include: constitutional limits on behavior control; elements of crimes; offenses against people, property, public morality; criminal responsibility and defenses. Three credit hours. Prerequisites and/or Special Considerations: CRJ 101. Offered fall/spring semester, as needed.

CRJ 211 LAW ENFORCEMENT

This course will chronicle the history, development, philosophy and current status of law enforcement. Topics will include an examination of law enforcement agencies, identifying most important characteristics of city, state, and federal police work. Analysis of police problems and the processes of justice and constitutional limitations on law enforcement will also be discussed in the course. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

CRJ 225 JUVENILE DELINQUENCY

An examination of delinquent behavior and its effect on society. Topics will include analyzing and describing the nature and extent of juvenile delinquency, causes of delinquent behavior, juvenile gangs, and other issues directly related to the study of delinquency. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

CRJ 240 CRIMINAL COURTS AND PROCEDURES

The study of the U.S. criminal justice system, which includes a study of the criminal justice process, law enforcement, adjudication, post-conviction strategies, and the juvenile justice system. Three credit hours. Prerequisites and/or Special Considerations: CRJ 101. Offered fall/spring semester, as needed.

CRJ 250 SOCIAL ISSUES IN POLICING A MULTICULTURAL COMMUNITY

This course is designed to prepare students for careers of service to the public and in the criminal justice system by demonstrating an understanding of a variety of populations. The course will supply the student with an opportunity to experience multicultural populations through in-depth study and role-play simulations. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

CRJ 280 COMPUTER FORENSICS: ELECTRONIC MEDIA AS EVIDENCE

An introduction to evidence collection, preservation, examination and presentation in an investigation involving electronic media for the Criminal Justice major who may eventually specialize in computer-related investigations. The course will provide a working knowledge of
the seizure of computers and other evidence in electronic form. The course will focus on the preservation and examination of data stored in electronic form, and provide an understanding of the significance of this data as possible evidence to criminal investigations. Three credit hours. Prerequisites and/or Special Considerations: CRJ 180, restricted to CRJ majors. Offered fall/spring semester, as needed.

**CRJ 281 COMPUTER FORENSICS: ELECTRONIC MEDIA AS EVIDENCE**

An introduction to evidence collection, preservation, examination and presentation in an investigation involving electronic media for the Criminal Justice major who may eventually specialize in computer-related investigations. The course will provide a working knowledge of the seizure of computers and other evidence in electronic form. The course will focus on the preservation and examination of data stored in electronic form, and provide an understanding of the significance of this data as possible evidence to criminal investigations. Four credit hours. Prerequisites and/or Special Considerations: CRJ 181. Offered as needed.

**CRJ 298 SPECIAL TOPIC IN CRIMINAL JUSTICE**

Topic to be specified each semester course offered.

**CRJ 301 CRIMINAL INVESTIGATION I**

An introduction to the criminal justice system with a special focus on basic criminal investigations. The significance and application of investigative techniques and procedures for criminal and non-criminal investigators will be examined. Three credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**CRJ 303 CRIMINAL INVESTIGATION I LAB**

A criminal investigation laboratory which will introduce the student to the newest advances in crime fighting including basic fingerprinting, firearms identification, evidence control and examination, bloodstain evidence, and DNA. This lab is a required component and graduation requirement for CRJ majors. One credit hour. Prerequisites and/or Special Considerations: CRJ 301 or concurrent registration in CRJ 301. Offered fall/spring semester, as needed.

**CRJ 305 SECURING THE HOMELAND**

This course provides the students with an introduction to the role of Homeland Security and discusses the concept of the rule of law in defending the homeland. Students investigate problems and solutions relating to the tactics for defending borders, tactics for defending coasts, tactics for defending critical infrastructures, tactics for defending aviation security, tactics for defending information technology, and tactics for defending our communities. The course will discuss the role of intelligence in Homeland Security. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered as needed.
CRJ 310 CRIMINAL INVESTIGATION II

This is a continuation of the criminal investigation exposure completed in Criminal Investigation I (CRJ 301). The performance level of the study is expected to be more detailed and highly refined. Techniques and procedures for criminal and non-criminal investigators will be examined. Topics, which will be beneficial for the student to have greater detailed and in-depth study in, will be emphasized including searches and seizures, physical evidence, obtaining information, surveillance, homicide, and courtroom preparation. Three credit hours. Prerequisites and/or Special Considerations: CRJ 301. Offered fall/spring semester, as needed.

CRJ 320 PAROLE, PROBATION, AND COMMUNITY-BASED CORRECTIONS

Using the federal system as a model, this course adopts a practical approach to the study of the personnel, practices, and procedures that comprise parole, probation, and community-based corrections. Reference to relevant state models also will be made. Three credit hours. Prerequisites and/or Special Considerations: CRJ 240. Offered fall/spring semester, as needed.

CRJ 340 CORRECTIONS

A study of the field of corrections and correctional systems. As a result of perceived increases in violent crime and a sense of the randomness of victimization, citizens have demanded immediate and final resolutions to the problem of crime. Consequently, populations of prisoners have increased, previous programs such as chain-gangs have been renewed, and new ones, boot camps for example, have been implemented. Additionally, the age and gender gaps appear to be closing when it comes to committing crime as more females and older citizens are incarcerated. These trends require thoughtful consideration and leadership by those who work in the criminal justice system. Three credit hours. Prerequisites and/or Special Considerations: CRJ 240. Offered fall/spring semester, as needed.

CRJ 350 COMMUNITY POLICING

This course is designed to convey a philosophy of policing which includes the belief that the police and the community work cooperatively to resolve problems. This will be distinguished from previous efforts such as neighborhood watches, team policing, and other cooperative policing programs. An emphasis will be placed on a service orientation toward those the police have sworn to protect with additional emphasis placed on interpersonal skill development. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

CRJ 360 ADVANCED CRIMINAL LAW

This is a continuation of the study of the criminal law completed in CRJ 201. An in-depth, highly detailed study of the pervasive problems which must be resolved by the criminal justice system.
Discussion of the means of the criminal law, imposing ruthless force upon individual lives and its ends, serving the highest order of social and human values will be considered. Three credit hours. Prerequisites and/or Special Considerations: CRJ 201. Offered fall/spring semester, as needed.

**CRJ 365 LAW AND SOCIETY**

This course is an interdisciplinary approach to the study of the relationship between law and society. The initial task is to examine the diverse and conflicting ways scholars theorize, analyze and evaluate the relationship of law and society. From there, this course will look at the organization of law, the role of the legal profession, the courts, legislature, and law enforcement. The course’s main goal will be to understanding how the "law" is not just an abstract concept only to be found on the pages of legal texts, but also an active instrument that, to a large part, shapes and defines lives. Three credit hours. Prerequisites and/or Special Considerations: INT 110 or equivalent. Offered fall/spring semester, as needed.

**CRJ 377 FIELD EXPERIENCE I**

This course provides the student with both observational and “hands-on” learning experience through participation in an internship, ideally in the field in which the student will be seeking employment. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. Three credit hours. Prerequisites and/or Special Considerations: minimum of a 2.0 cumulative GPA, junior standing, and 24 credits in core courses. Offered fall/spring semester, as needed.

**CRJ 380 COMPUTER CRIME INVESTIGATION: EVIDENCE, LAW, AND INVESTIGATIVE TECHNIQUES**

This course will focus on the actual investigation of computer crime. The course covers the application of previously acquired skills of collecting and examining electronic evidence and the use of this evidence in a criminal investigation. Investigative techniques such as interviewing, surveillance and warrant execution also will be applied to investigations involving electronic evidence. Students will become thoroughly familiar with the current issues of computer crime investigation. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**CRJ 381 COMPUTER CRIME INVESTIGATION: EVIDENCE, LAW, AND INVESTIGATIVE TECHNIQUES**

This course will focus on the actual investigation of computer crime. The course covers the application of previously acquired skills of collecting and examining electronic evidence and the use of this evidence in a criminal investigation. Investigative techniques such as interviewing,
surveillance and warrant execution also will be applied to investigations involving electronic evidence. Students will become thoroughly familiar with the current issues of computer crime investigation. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**CRJ 398 SPECIAL TOPIC IN CRIMINAL JUSTICE**

Topic to be specified each semester course offered.

**CRJ 401 CONSTITUTIONAL ISSUES IN CRIMINAL JUSTICE**

The Constitution and its interpretation from the post-Civil War period to the present. Emphasis will be placed on Supreme Court decisions, how they affected civil rights, civil liberties, and reform movements. Three credit hours. Prerequisites and/or Special Considerations: CRJ 240 or HIS 150. Offered fall/spring semester, as needed.

**CRJ 410 POLICE ADMINISTRATION**

The thematic study of the capacity for change and dynamic qualities of police administration in the United States. A variety of perspectives are analyzed including behavioral, structural, and procedural approaches to facilitate a comprehensive understanding of the subject matter. Three credit hours. Prerequisites and/or Special Considerations: senior standing. Offered fall/spring semester, as needed.

**CRJ 415 RESEARCH METHODS IN CRIMINAL JUSTICE**

This course is designed to develop student’s confidence and appreciation of the various research tools used in the field of criminal justice. Additionally, the student will develop an enhanced appreciation for the approaches to scientific inquiry and an ability to evaluate the efficacy of research tools used in each and become good consumers of research. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**CRJ 420 SENIOR SEMINAR/TOPICS**

Topic to be specified each semester course offered. This course provides the opportunity to offer specialty courses not included in the regular course offerings. Included may be various contemporary topics and issues such as domestic violence; stress and police personnel; death penalty; history of law enforcement; juvenile justice system; the nature of leadership, authority, and power; and organizational communication. A student may take this course more than once for credit under different topics. Three credit hours. Prerequisites and/or Special Considerations: senior standing. Offered fall/spring semester, as needed.
CRJ 421 SENIOR CAPSTONE

The senior seminar is intended to be an opportunity for students to demonstrate mastery of their learning of the major areas of criminal justice obtained during the course of their undergraduate matriculation. Students will demonstrate their analysis, reasoned judgment and creation of new understanding by developing, carrying out and producing results of a high quality, scholarly research project which addresses an issue in the criminal justice discipline. Three credit hours. Prerequisites and/or Special Considerations: senior standing. Offered fall/spring semester, as needed.

CRJ 430 HOMELAND SECURITY TOPICS IN CYBERSECURITY, CYBERCRIME, AND CYBERTERRORISM

This course will explore and analyze in depth the relationship of Cyber security, Cybercrime and Cyber terrorism to Homeland Security. Students will analyze contemporary cyber-topics including cyberspace, cyber terrorism, cyber espionage, and cyber war and evaluate their relationship to Homeland Security threats. Students will examine and appraise laws related to cyber-issues focusing specifically on the USA Patriot Act and the laws’ roles in Homeland Security. Students will identify and evaluate the specific agencies at every level, including federal, state and local entities that are involved as first responders in cyber security issues. Students will assess the effects that the threats from cyber terrorism, cybercrime and cyber war have had or appear to have had on civil liberties and personal privacy; and students will analyze and debate the national security considerations posed by these threats. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

CRJ 470 GOVERNMENT LEADERSHIP CHALLENGES IN HOMELAND SECURITY

This course will provide an introduction to the theories, roles, and practices of leadership, focusing on the issues facing government officials in Homeland Security. The concept of principle-centered leadership, as well as the difference between management and leadership, will be introduced and examined. Discussion topics include issues associated with National Security, transportation, key events occurring after 9/11, budgets, and legislation. Students will examine the impact government officials leadership styles have on the resolution and management of significant issues. Also, students will examine how ethics and values influence the decision making process. Students will analyze case studies and discuss how leadership styles improved or prolonged the negative aspects of a situation. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

CRJ 477 FIELD EXPERIENCE II

This is a continuation of the criminal justice system exposure completed in Field Experience I. The performance level of the assignment is expected to be higher than the Level I assignment. Students may elect to complete a project related to their careers, but it must be demonstrative of...
a high level of competence and difficulty and approved by the Department Chair/Program Director. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. Three credit hours. Prerequisites and/or Special Considerations: minimum of a 2.0 cumulative GPA, senior standing, and CRJ 377. Offered fall/spring semester, as needed.

**CRJ 480 TOPICS IN COMPUTER CRIME INVESTIGATION: COMPUTER NETWORKS & THE INTERNET**

This course will focus on the relationship of networks (and by extension, the Internet) to computer crime. The student will learn how to apply the previously acquired skills of collecting and examining electronic evidence to the use of this evidence in a criminal investigation which involves a computer network and/or the Internet. The course will also examine issues related to the detection, investigation and prevention of network intrusions. Four credit hours. Prerequisites and/or Special Considerations: CRJ 380. Offered fall/spring semester, as needed.

**CRJ 481 TOPICS IN COMPUTER CRIME INVESTIGATION: COMPUTER NETWORKS & THE INTERNET**

This course will focus on the relationship of networks (and by extension, the Internet) to computer crime. The student will learn how to apply the previously acquired skills of collecting and examining electronic evidence to the use of this evidence in a criminal investigation which involves a computer network and/or the Internet. The course will also examine issues related to the detection, investigation and prevention of network intrusions. Four credit hours. Prerequisites and/or Special Considerations: CRJ 381. Offered as needed.

**CRJ 498 INDEPENDENT STUDY IN CRIMINAL JUSTICE**

Topic to be specified each semester course offered.

**ECONOMICS**

**ECO 200 MACROECONOMICS**

Macroeconomics is a study of the national economy as an aggregate. The course includes a study of the determinants of the general price level, the rate of inflation, national income and production levels, monetary and budgetary policies, and unemployment. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**ECO 201 MICROECONOMICS**

Microeconomics focuses upon an analysis of utility and price elasticity within the framework of the American capitalistic system. An investigation is made of basic market structures with strong
emphasis upon oligopoly and real work issues of industrial organizations. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**ECO 260 ECONOMETRICS I**

This course provides students with an introduction to statistics and its applications in business and economics. The course concerns itself with the application of statistics and the tools of statistical inference to the empirical measurement and testing of relationships postulated by economic theory. This will be accomplished through a comprehensive coverage of statistical concepts and strategies providing good preparation for the study of more advanced statistical material. The course will provide numerous applications of data analysis and statistical methodology offering considerable insights into the techniques by which data should be gathered as well as into the techniques through which a particular set of data should be analyzed once it has been gathered. Three credit hours. Prerequisites and/or Special Considerations: MAT 114. Offered fall/spring semester, as needed.

**ECO 261 ECONOMETRICS II**

This course is a continuation of ECO 260. Statistical topics to be covered include design of experiments, analysis of variance, simple regression, multiple regression, model building, index numbers, forecasting, time series, chi-square and nonparametric statistics. The estimation and testing of linear economic models of two or more variables, statistical quality control, and decision analysis will be included. The course will rely on a specific computer-based application (SPSS, MINITAB, SAS, Excel, etc.) to create graphical and numerical outputs which will allow for in-depth interpretation of output, sensitivity analysis and examination of alternative modeling approaches. This course offers students an opportunity to learn practical approaches for analyzing data, ways of using data effectively to make informed decisions, and approaches for developing, analyzing and solving models of decision problems. Three credit hours. Prerequisites and/or Special Considerations: ECO 260. Offered fall/spring semester, as needed.

**ECO 301 CONCEPTS IN ECONOMICS**

This course presents basic micro- and macro-economic concepts and methods used to formulate and solve problems. Topics include demand and supply theories, production, profit maximization, pricing in different market structures, income determination, labor markets, international trade, aggregate demand and supply, and fiscal and monetary policy with an emphasis on how policy influences decisions made by management. Four credit hours. Prerequisites and/or Special Considerations: previous sequence of BBA courses. Offered as needed.

**ECO 380 ECONOMICS OF SPORT**

This course applies basic economic theory to the analysis of several problems and issues in sports and recreation. Topics covered include: the history of the development of sports markets;
the role of economics in the analysis of these markets; and the demand for activities, facilities, equipment, and travel and leisure time. Problems affecting the recreation manager, such as pricing, investment, and budgeting are investigated in detail. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

ECO 498 INDEPENDENT STUDY IN ECONOMICS

Topic to be specified each semester course offered.

EDUCATION

EDU 207 DIGNITY FOR ALL STUDENTS ACT SEMINAR

This coursework or training is designed to fulfill the harassment, bullying, and discrimination prevention and intervention training required for certification/licensure under the Dignity for All Students Act (The Dignity Act). The Dignity Act requires, among other things, school districts to create policies and guidelines to be used in school training programs to discourage the development of discrimination or harassment and to enable employees to prevent and respond to discrimination or harassment. This is a six hour seminar. This coursework or training will address the social patterns of harassment, bullying and discrimination, marginalization and micro-aggressions, including but not limited to those acts based on a person’s actual or perceived race, color, weight, national origin, ethnic group, religion, religious practice, disability, sexual orientation, gender or sex as defined in § 11 – Definitions. This training should address these issues from a proactive – rather than a reactive - position and present the “goal” as creating an affirming educational environment for all students through addressing school culture and climate. It will also cover the identification and mitigation of harassment, bullying and discrimination; and strategies for effectively addressing problems of exclusion, bias and aggression in educational settings. Successful completion of this course will meet the certification requirements in §14(5) of Chapter 102 of the Laws of 2012. This course fulfills the DASA requirement. Zero credit hours. Co-requisites: Co-register with EDU 210 Educational Foundations. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

EDU 210 EDUCATIONAL FOUNDATIONS

This course is an introductory study of to the field of education through reading relevant research in education. The course is designed to provide a body of work in educational theory which examines current and anticipated educational trends from a sociological, philosophical, and historical perspective. Reflective thinking, critical thinking, and culturally responsive approaches are major components of this course. The course will also examine how these trends impact school organization, personnel, and school curricula. Issues related to race, class, gender, exceptionalities, sexual orientation, religion, bullying/cyber-bullying, and language will be explored in alignment with the Dignity for All Students Act. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.
Students should note that EDU 210 has been identified as a U course in the EQUIP curriculum sequence.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Cultural Literacy

**EDU 223 EDUCATIONAL PSYCHOLOGY**

This course is a study of the fundamental aspects of educational psychology as it applies to learning and teaching practices utilized for students in early childhood, childhood, and middle childhood developmental stages. Various learning and developmental theories and related research are described and evaluated through an array of activities. The course also examines practical instructional strategies that are applicable to child development, learning, and problem solving in classroom environments. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.

**EDU 237 ADOLESCENT READER AND WRITER WITH FIELDWORK**

This course is an in-depth study of the skills necessary to assist the adolescent learner in developing appropriate literacy skills. Emphasis will be placed on developing reading and writing skills in literature and across the disciplines, including word recognition, vocabulary, and comprehension. The course will address the assessment of the adolescent learner’s literacy level for the purpose of designing differentiated instruction in alignment with learning standards. Fieldwork for at least ten hours beyond class time will be included. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**EDU 238 STRATEGIC LITERACY INSTRUCTION FOR DIVERSE LEARNERS: ADOLESCENCE**

This course will focus on ways to effectively differentiate literacy instruction for the diverse learner at the adolescent level. This includes a wide-range of research based instructional approaches and methods to support academic development including the use of data analysis and a tiered intervention model. Characteristics and identification of English language learners and students with disabilities will be examined to determine curricular modifications necessary to meet the needs of diverse learners. The use of a culturally responsive approach to teaching will be emphasized. Ten hours of field experience are required. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**EDU 240 LITERACY I: LANGUAGE DEVELOPMENT AND PRE-EMERGENT LITERACY**

This is an in-depth study of the development of literacy instruction in early childhood education. The course will focus on research on oral language development and its role as the foundation...
for literacy. Long-term plans for assessing and supporting the language and literacy development of young children will be developed using multi-level and culturally responsive approaches. New York State learning standards for early childhood will be introduced. A minimum of ten participation hours are required. Three credit hours. Prerequisites and/or Special Considerations: EDU 210 and EDU 223. Offered fall/spring semester, as needed.

**EDU 241 LITERACY II: EMERGENT TO EARLY READERS AND WRITERS**

This is an in-depth study of literacy instruction in the elementary classroom for the emergent and early reader and writer (including the English language learner). Using the conceptual framework of a balanced literacy program and reflective practice, the elements of reading and writing will be discussed, modeled, and practiced. Based upon the understanding that assessment drives instruction, plans for assessing and supporting the literacy development of the emergent and early reader and writers will be developed using the New York State learning standards. A minimum of ten participation hours are required. Three credit hours. Prerequisites and/or Special Considerations: EDU 240. Offered fall/spring semester, as needed.

**EDU 242 LITERACY III: TRANSITIONAL TO FLUENT READERS AND WRITERS**

This is an in-depth study of literacy instruction in the elementary classroom for the Transitional and Fluent reader and writer (including the English Language Learner). Using the conceptual framework of a balanced literacy program, the elements of reading and writing will be discussed, modeled, and practiced with an emphasis on reading and writing in the disciplines. Based upon the understanding that assessment drives instruction, plans for assessing and supporting the literacy development of Transitional and Fluent readers and writers will be developed using the New York State learning standards. A minimum of ten participation hours are required. Three credit hours. Prerequisites and/or Special Considerations: EDU 240 and EDU 241. Offered fall/spring semester, as needed.

**EDU 298 SPECIAL TOPIC IN EDUCATION**

Topic to be specified each semester course offered.

**EDU 340 CHILD ABUSE, SCHOOL VIOLENCE AND OTHER CURRENT ISSUES IN EDUCATION**

This course provides the student with opportunity to explore the identification and reporting of suspected child abuse and maltreatment and SAVE Legislation. This course will be taken concurrently with ESP 230. Zero credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.
EDU 363 ADOLESCENT SOCIAL STUDIES WITH PRACTICUM

This course provides students with a foundation in current educational theory and practice for the cycle of effective teaching in social studies for middle and high school level students. Planning, teaching and assessing will be aligned with New York State Social Studies Learning Standards and Core Curriculum. This course requires students to complete 50 hours of field experience. Three credit hours. Prerequisites and/or Special Considerations: ESP 230. Offered fall/spring semester, as needed.

EDU 364 ADOLESCENT ENGLISH WITH PRACTICUM

This course provides students with a foundation in current educational theory and practice for teaching English Language Arts to middle and high school level students. A repertoire of materials, methods, and inclusive strategies to teach and assess standards-based English Language Arts for all learners across a range of learning styles will be created. Additional attention will be paid to strategies to help remediate specific problems with reading and comprehension. Units, lesson plans and assessments that align with the New York State P-12 Learning Standards for English Language Arts and Literacy will be designed. This course will require that students complete fifty (50) hours of field experiences. Three credit hours. Prerequisites and/or Special Considerations: ESP 230. Offered fall/spring semester, as needed.

EDU 365 ADOLESCENT TEACHING: BIOLOGY METHODS WITH PRACTICA

This course is based on current educational theory and practice in the area of Adolescent Biology for grades 7-12. This course will provide knowledge, training and practice in the teaching of biological principles, selection of course content, effective classroom methods, and the preparation of classroom materials. Unit, lesson plans, and assessments that align with the New York State Learning Standards will be designed. This course requires students complete 50 hours of field experience. Three credit hours. Prerequisites and/or Special Considerations: BIO 171, CHE 201. Offered fall/spring semester, as needed.

EDU 368 ADOLESCENT GENERAL EDUCATION/SPECIAL EDUCATION CURRICULUM METHODS

This course provides study and application of adolescent education methods and materials. Emphasis will be placed on curricular design and instructional planning to address the special developmental and educational needs of students in secondary schools. In addition, the integration of general education and special education methodologies for the inclusion/co-teaching classroom will be examined with a focus on English, math, science and social studies. Attention is given to culturally responsive teaching and technological instruction and integration. Lesson and unit planning are examined on the state, district, school and classroom levels which align with the P-12 NYS Learning Standards. In addition, various strategies for interdisciplinary planning and instruction are explored. Forty (40) participation hours are required for this course.

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Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

EDU 370 METHODS OF LANGUAGE ARTS WITH CHILDREN’S LITERATURE: BIRTH TO 6TH GRADE

This course provides study and application of methods and materials appropriate for English Language Arts in a classroom setting. The course will focus on instructional methods used to accommodate diverse learners in birth through grade two and grades one through six classrooms. Within the conceptual frameworks of a balanced literacy framework and reflective practice, long-term plans for assessing, planning, and teaching English Language Arts will be made while integrating high quality children’s and young adult literature. Lessons will be aligned with the New York State Learning Standards for early childhood and kindergarten through grade six for English Language Arts and Literacy. A minimum of ten participation hours are required. Three credit hours. Prerequisites and/or Special Considerations: EDU 210, EDU 223, EDU 240, EDU 241, and EDU 242. Offered fall/spring semester, as needed.

EDU 371 METHODS OF MATHEMATICS: BIRTH TO 6TH GRADE

The course provides study and application of methods and materials appropriate for the teaching of mathematics in the elementary school. The course will provide instructional methods used to accommodate diverse learners differentiated learning techniques and Gardner’s Multiple Intelligences will be used to create mathematics lessons. Creating multi-level, culturally responsive instruction will be emphasized. The use of technology will be integrated into instruction. Lessons will be aligned with New York State Learning Standards. A minimum of 10 participation hours are required. Three credit hours. Prerequisites and/or Special Considerations: EDU 210, EDU 223, EDU 240, EDU 241, and EDU 242. Offered fall/spring semester, as needed.

EDU 372 METHODS OF SCIENCE AND TECHNOLOGY: BIRTH TO 6TH GRADE

This course provides study and application of methods and materials appropriate for the teaching of science and technology in early childhood and childhood classroom settings. Multi-level, culturally responsive instruction will be used to create lesson plans. The New York State Learning Standards for Science and English Language Arts, Literacy, will be used to create lessons and activities. Instructional methods that meet the needs of diverse learners will be utilized in class. The use of technology will be integrated into instruction. A minimum of 10 participation hours are required. Three credit hours. Prerequisites and/or Special Considerations: EDU 210, EDU 223, EDU 240, EDU 241, and EDU 242. Offered fall/spring semester, as needed.
EDU 373 METHODS OF SOCIAL STUDIES AND CREATIVE ARTS: BIRTH TO 6TH GRADE

This course provides study and application of methods and materials appropriate for the teaching of Social Studies and Creative Arts in a classroom setting for students from Birth to Grade 6. The New York State Learning Standards for Social Studies, the New York State P-12 Learning Standards will be used to create multi-level, culturally responsive lessons and activities. The use of technology will be integrated into instruction. A minimum of 10 participation hours are required. Three credit hours. Prerequisites and/or Special Considerations: EDU 210, EDU 223, EDU 240, EDU 241, and EDU 242. Offered fall/spring semester, as needed.

EDU 375 STRATEGIC LITERACY INSTRUCTION FOR DIVERSE LEARNERS: EARLY CHILDHOOD/CHILDHOOD

This course will focus on ways to effectively differentiate literacy instruction for the diverse learner at the elementary level. This includes a wide range of research-based instructional approaches and methods to support academic development including the use of data analysis and a tiered intervention model. Characteristics and identification of students with disabilities and English language learners will be examined to determine curricular modifications necessary to meet the needs of diverse learners. The use of a culturally responsive approach to teaching will be emphasized. Three credit hours. Prerequisites and/or Special Considerations: EDU 240, EDU 241, and EDU 242. Offered fall/spring semester, as needed.

EDU 378 FIELD EXPERIENCES AND SEMINARS

This course provides education majors with pre-student teaching experience that will be both campus and site-based. The course will provide opportunities to make connections between field observations and the New York State Learning Standards. A minimum of 80 hours of fieldwork will be completed. Three credit hours. Prerequisites and/or Special Considerations: Education majors with a 2.0 cumulative GPA. Offered fall/spring semester, as needed.

EDU 398 SPECIAL TOPIC IN EDUCATION

Topic to be specified each semester course offered.

EDU 452 REFOCUS FOR SUCCESS

Refocus for Success is required for student teachers who have earned an unsatisfactory grade for one or more student teaching experiences. The course will focus on the knowledge, skills, and dispositions necessary to be a successful teacher. A future student teaching placement(s) is contingent upon successful completion of this course. One credit hour. Prerequisites and/or Special Considerations: Refocus for Success is a one-credit course required for student teachers who have earned an unsatisfactory grade for one or more student teaching experiences. Offered fall/spring semester, as needed.
EDU 478 STUDENT TEACHING (B-6) AND SEMINAR

Student teaching provides students with a culminating clinical experience consisting of two placements, one in an early childhood setting (Birth – Grade 2) and one in a childhood setting (Grades 3-6). Throughout the experience, the Associate Teacher and College Supervisor will mentor and evaluate the teacher candidate in the areas of content knowledge, pedagogy, and professional dispositions. Twelve credit hours. Prerequisites and/or Special Considerations: minimum of a 2.0 cumulative GPA EDU 370, EDU 371, EDU 372, and EDU 373. Offered fall/spring semester, as needed.

EDU 480 ADOLESCENT STUDENT TEACHING | EDU 480-I (INTERMEDIATE) / EDU 480-S (SENIOR)

Student teaching provides students with a culminating clinical experience consisting of two placements, one in the teacher candidate’s specific discipline (Grades 7-9 or Grades 10-12) and one specializing in a Students with Disabilities setting (Grades 7-9 or Grades 10-12). Throughout the experience, the Associate Teacher and College Supervisor will mentor and evaluate the teacher candidate in the areas of content knowledge, pedagogy, and professional dispositions. 5.5 credits. Prerequisites and/or Special Considerations: EDU 368 and minimum of a 2.0 cumulative GPA in EDU 362, EDU 363, EDU 364, or EDU 365. Offered fall/spring semester, as needed.

EDU 481 ADOLESCENT STUDENT TEACHING SEMINAR

This course provides the Adolescent Teaching candidate with content area and pedagogical support for their full time on-site experience. Students will be given the opportunity to connect what is viewed in classroom settings to research about pedagogy through the development of a lesson plan data base which illustrates curriculum development, lesson and differentiated instructional planning, curricular adaptations and instructional strategies in the student’s area of concentration. Attention will also be paid to the relationship between the general education and special education curriculum and the process of collaboration and co-teaching in inclusive settings. 5.5 credits. Prerequisites and/or Special Considerations: EDU 364. Offered fall/spring semester, as needed.

VESi COURSE DESCRIPTIONS

EDV 300 ADVANCED CLASSROOM MANAGEMENT

Geared primarily for professionals (e.g., regular or special educators, instructional assistants, school psychologists, counselors) serving children and youths presenting behavior problems in the school or community, this course focuses on cognitive and cognitive-behavioral interventions (often lumped together under the rubric “social skills”) with an emphasis on teaching students how to change and manage their own behavior. Since previous knowledge and understanding of traditional behavioral (operant) concepts and strategies is required, it is strongly recommended

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that students take an introductory behavior management course to learn the basic terms and concepts of behavior management prior to taking this advanced course.

**EDV 305 ATTENTION DEFICIT/HYPERACTIVITY DISORDER**

This course will help the learner achieve a better understanding of ADHD and intervention strategies to facilitate positive student change. This course covers the history of the disorder, accepted methods to assess and identify students with the disorder, and various methods, medications, and strategies that are currently used to treat it. For situations in which services beyond what can be provided in the classroom are required, the referral process for getting help for the student will be addressed. Reference materials include a list of resources for both teachers and parents who would like more help or information about ADD or ADHD.

**EDV 306 AUTISM & ASPERGER’S DISORDER**

This course describes Autism and Asperger's Disorder, including characteristics of these disorders, associated learning styles, communication weaknesses, and various intervention strategies. The course helps the learner understand why individuals with Autism spectrum disorders behave the way they do, and what students can do to enhance more appropriate behavior. This course also lists resources for educators, related service personnel, and parents who want more help or information on Autism and Asperger's Disorder.

**EDV 307 CHILD ABUSE**

Designed to help the learner identify and effectively teach students affected by child abuse and/or neglect, this course covers how to recognize the signs of physical, emotional, and sexual abuse, and physical and emotional neglect in students. It also discusses the specific factors that exist in families who abuse or neglect their children. A major emphasis in this course is on helping the participant understand the special learning needs of abused or neglected children and how to meet those needs in the regular classroom. Working with parents and community agencies is also emphasized.

**Note:** This course meets the child abuse and neglect educational requirement in most states. It is the responsibility of the student to verify the course content with his or her specific state professional licensing agency to ensure proper credit.

**EDV 315 BEHAVIOR IS LANGUAGE**

This course is designed to give the learner a new perspective on student behavior and effective tools to facilitate positive student change. This course provides a developmental framework to help the learner understand what students are trying to communicate through the "language" of their behavior. Topics covered include behavioral techniques and intervention strategies that remediate disruptive behaviors, reduce power struggles while increasing classroom control, reduce educator workload, and help prevent burnout. After successfully completing this course,
the educator and his/her students will be better equipped to find and implement creative, effective solutions to behavioral problems.

**EDV 325 DRUGS & ALCOHOL IN SCHOOLS**

This course is designed to help the learner gain a more comprehensive understanding of alcohol, drugs, and their influences in the classroom. It provides a contextual framework for understanding what students may be experiencing either through their own substance use or as a result of the substance use of persons close to them and provides a basic historical perspective of substance use along with the biological, psychological, and social factors that comprise the disease of addiction. Upon course completion, the learner will better understand the complex dynamics that contribute to this biological and social phenomenon.

**EDV 350 EDUCATIONAL ASSESSMENT**

This course is designed to further develop the conceptual and technical skills required by teachers to help them identify their educational goals and implement meaningful instructional strategies for effective learning by students with special needs. The focus of the course is on assessment for instructional programming and will outline procedures for designing or selecting, administering, and interpreting a variety of informal assessment measures typically used in schools. The presentation of assessment information in an acceptable format to parents and teachers is also addressed.

**EDV 355 HARASSMENT, BULLYING & C.I. IN SCHOOLS**

Harassment, Bullying & Cyber-Intimidation in Schools will discuss definitions and the personal, social, and legal ramifications associated with sexual harassment, bullying, and cyber-intimidation. The course will address what we know about these troubling areas. We will then explore preventative strategies as well as how school staff can address these issues when they occur. A clear understanding of what constitutes harassment and the harmful effects of harassment on people and institutions is essential to providing a safe and inclusive school environment for all.

**EDV 400 INCLUSION**

This course is designed to help special and general educators gain a better understanding of inclusion, one of the current educational reform movements that advocates educating students with disabilities in the general education classrooms. Upon course completion, the learner will be able to define key concepts and terms, identify and describe federal legislature and court cases, and list and describe the federal definition of students entitled to special services. This course will also discuss the roles and responsibilities of educators in providing special services to students educated in inclusive classrooms.
EDV 410 LEARNING DISABILITIES

This course describes diverse theoretical approaches to handling learning disabilities in the classroom. This course lays the foundation for sensitive, appropriate assessment and evaluation of students. In addition, this course covers program planning and implementation, stresses the importance of a close, positive partnership with parents or alternative caregivers, and explores methods for ensuring that the home-school axis is effective and meaningful. Major trends and unresolved issues in the field of learning disabilities are also discussed.

EDV 415 READING & WRITING CONTENT AREA

Reading & Writing in Content Area offers instruction in teaching reading and writing in various subject matter fields at the secondary level. The material stresses the skills of vocabulary building, comprehension, and writing, as well as methods for motivating adolescents to read and write. The course also provides information on recognizing reading difficulties, assessing textbooks, and the integration of reading strategies within a content area. The strategies taught are aligned with the Praxis Reading Across the Curriculum test guide and the Reading in the Content Area national standards.

EDV 416 READING FUNDAMENTALS #1

The purpose of this course is to improve the knowledge of science and the scientific process. This is the first course in a three-course series.

**Note: It is recommended that the Reading Fundamentals courses be taken sequentially; however, it is not mandatory that all three courses be taken.

EDV 417 READING FUNDAMENTALS #2

Designed to lay the foundation for effective reading instruction, this course will teach students about the elements of effective instruction and the importance of reading instruction.

**Note: It is recommended that the Reading Fundamentals courses be taken sequentially; however, it is not mandatory that all three courses be taken.

EDV 418 TALENTED & GIFTED

This course provides information on the history of exceptional students in relation to education, current law, and accepted methods for referral, assessment, and identification. It covers major program models and methods of differentiating instruction to meet the rate and level of learning of those students identified. The course gives the learner an understanding of ways to meet the affective needs of the gifted and talented student in the regular classroom and lists resources for teachers and parents who would like more information about the talented and gifted.
EDV 419 TEACHING DIVERSITY

Designed to give the learner the knowledge, tools, and dispositions to effectively facilitate a diverse classroom, this course teaches how to understand and identify differences in approaches to learning and performance, including different learning styles and ways in which students demonstrate learning. An emphasis in this course is on understanding how students' learning is influenced by individual experiences, talents, disabilities, gender, language, culture, and family and community values. The learner is challenged to apply knowledge of the richness of contributions from our diverse society to the teaching field.

EDV 420 READING FUNDAMENTALS #3

This course will focus on learning to read, reading to learn, and an introduction to reading assessment. As part of these key areas of reading instruction, the five elements of effective reading instruction will be highlighted, including definitions, implications for instruction, and future directions.

**Note: It is recommended that the Reading Fundamentals courses be taken sequentially; however, it is not mandatory that all three courses be taken.

EDV 425 SIX TRAITS OF WRITING MODEL

This course will discuss why writing is important and why teachers should include writing as often as possible in all content areas. The course will also include practical applications for assessing and teaching writing, including teaching students how to self-assess their own writing. The first chapter of this course will discuss why teaching writing is important and give students an introduction to the Six Traits of Writing Model. Through chapters 2, 3, and 4 students will discuss the elements of the Six Traits of Writing Model. Throughout those elements students will look at practical ways to use this model in the classroom.

EDV 440 TEACHING ELEMENTARY MATH CONCEPTUALLY

This course is designed to expand the methodology for teaching Mathematics. The course will explore an innovative teaching model that incorporates strategies for teaching concepts constructively and contextually. The goal is for students to gain a deeper understanding of the underlying concepts of various math topics and to explore the principles of teaching those concepts to learners. This course will focus on the topics of number sense, basic operations, and fractions.

EDV 445 TEACHING SECONDARY MATH CONCEPTUALLY

This course will explore an instructional methodology that incorporates strategies for teaching concepts, constructively, and contextually. The goal is for students to gain a deeper understanding of the underlying concepts of various math topics and explore the principles of
teaching those concepts to learners. The course will also explore teaching methodologies that support many federal and state standards. This course will focus on the topics of integers, fractions, factoring, and functions.

**EDV 450 TRAUMATIZED CHILD**

This course is designed to help classroom teachers, school counselors, and other educational personnel gain strategies to reach and teach students who have been affected by stress, trauma, and/or violence. Participants will learn the signs and symptoms of stress and trauma and explore how stress, violence, and trauma affect a student's learning, cognitive brain development, and social-emotional development. The short- and long-term consequences of being exposed to stress, trauma, or violence, as well as the social and family causes, will be reviewed. The dynamics of domestic violence and community violence are also discussed, as is the educator's role in the intervention and prevention of violence.

**EDV 455 TRY DI!**

Try DI! is designed to provide students an opportunity to learn about an instructional framework, Differentiated Instruction (DI), aimed at creating supportive learning environments for diverse learning populations. Students will be presented a method for self-assessment of the extent to which their current instructional approach reflects the perspective, principles, and practices of the DI approach. The course reflects an approach that aligns the principles of DI with the practices of DI. The concept of a “theory of action” will also be provided within a DI context. The course has also been designed to introduce students to a range of strategies associated with a DI approach. Strategies included in this course have been selected on the basis that they are effective in the widest possible range of educational K-12 settings. This course follows Why DI?: An Introduction to Differentiated Instruction, which addressed the What, Why, and Who of a classroom that reflects a DI approach. The focus of Try DI!: Planning & Preparing a Differentiated Instruction Program is on the When, Where, and How of the DI approach.

**EDV 460 UNDERSTANDING AGGRESSION**

This course includes topics on violence, aggression in the classroom, youth gangs, aggression in sports and on television, how drugs and alcohol play a role in aggression and violence, and "hot spots" that tend to breed aggression and violence. It is designed to help school personnel become more aware of the causes of aggression and ways to evaluate it and intervene before it turns to violence in the schools. The course also discusses aggression in our communities through driving, dating, sports, television, and music, and how these issues are dealt with in modern society.
EDV 465 UNDERSTANDING & IMPLEMENTING COMMON CORE STANDARDS

This course, Understanding & Implementing Common Core Standards, has been divided into four chapters. The organization of the course covers the rationale for and design of the Common Core State Standards, the “Common Core Mindset” practitioners need for successful implementation, and what specific actions can be taken for deeper implementation across settings.

EDV 470 VIOLENCE IN SCHOOLS

This course is designed to give participants an understanding of school violence and increase intervention strategies. The course provides an overview of violence and the motivational purposes behind aggression. The correlation and impact of the media, community, and family upon violence is investigated. The learner will gain an understanding of identification and intervention approaches to working with out-of-control behaviors. In addition, information about the national resources available for both parents and teachers is covered. Upon successful completion of this course, participants will have a better understanding of violence and the motivations behind its use, as well as specific strategies to minimize the occurrence of violence in the school and community.

EDV 475 WHY DI?

This course is an interactive computer-based instruction course, designed to give students an understanding of the framework of and need for creating supportive learning environments for diverse learning populations. In this course students will learn what is meant by Differentiated Instruction (DI) and the common myths associated with creating the differentiated classroom. We will discuss the legal, theoretical, and pedagogical foundations in the field of education that support the utilization of differentiated instructional practices and principles. We will reflect on best practices and national trends in the design of the educational setting to meet the needs of a diverse learning population. Why DI?: An Introduction to Differentiated Instruction will also provide connections to a variety of concepts, variables, and resources that will assist practitioners in aligning their own professional practices with those found in the differentiated classroom.

EDV 480 RESPONSE TO INTERVENTION: PRACTICAL INFORMATION FOR THE CLASSROOM TEACHER

RTI is a process schools can and should use to help students who are struggling with academics or behavior. Even though RTI is primarily linked to special education and the early identification of learning problems, RTI is not just for students in special education. RTI is for all students and is based on the premise that a student might be struggling due to instruction or the curriculum in the past, or in the current classroom. Every teacher will have students who are struggling and whether it’s short term or long term, RTI is a valuable tool.

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EDV 500 ADVANCED CLASSROOM MANAGEMENT

Geared primarily for professionals (e.g., regular or special educators, instructional assistants, school psychologists, counselors) serving children and youths presenting behavior problems in the school or community, this course focuses on cognitive and cognitive-behavioral interventions (often lumped together under the rubric “social skills”) with an emphasis on teaching students how to change and manage their own behavior. Since previous knowledge and understanding of traditional behavioral (operant) concepts and strategies is required, it is strongly recommended that students take an introductory behavior management course to learn the basic terms and concepts of behavior management prior to taking this advanced course.

EDV 505 ATTENTION DEFICIT/HYPERACTIVITY DISORDER

This course will help the learner achieve a better understanding of ADHD and intervention strategies to facilitate positive student change. This course covers the history of the disorder, accepted methods to assess and identify students with the disorder, and various methods, medications, and strategies that are currently used to treat it. For situations in which services beyond what can be provided in the classroom are required, the referral process for getting help for the student will be addressed. Reference materials include a list of resources for both teachers and parents who would like more help or information about ADD or ADHD.

EDV 506 AUTISM & ASPERGER’S DISORDER

This course describes Autism and Asperger's Disorder, including characteristics of these disorders, associated learning styles, communication weaknesses, and various intervention strategies. The course helps the learner understand why individuals with Autism spectrum disorders behave the way they do, and what students can do to enhance more appropriate behavior. This course also lists resources for educators, related service personnel, and parents who want more help or information on Autism and Asperger's Disorder.

EDV 507 CHILD ABUSE

Designed to help the learner identify and effectively teach students affected by child abuse and/or neglect, this course covers how to recognize the signs of physical, emotional, and sexual abuse, and physical and emotional neglect in students. It also discusses the specific factors that exist in families who abuse or neglect their children. A major emphasis in this course is on helping the participant understand the special learning needs of abused or neglected children and how to meet those needs in the regular classroom. Working with parents and community agencies is also emphasized.

**Note: This course meets the child abuse and neglect educational requirement in most states. It is the responsibility of the student to verify the course content with his or her specific state professional licensing agency to ensure proper credit."
EDV 515 BEHAVIOR IS LANGUAGE

This course is designed to give the learner a new perspective on student behavior and effective tools to facilitate positive student change. This course provides a developmental framework to help the learner understand what students are trying to communicate through the "language" of their behavior. Topics covered include behavioral techniques and intervention strategies that remediate disruptive behaviors, reduce power struggles while increasing classroom control, reduce educator workload, and help prevent burnout. After successfully completing this course, the educator and his/her students will be better equipped to find and implement creative, effective solutions to behavioral problems.

EDV 525 DRUGS & ALCOHOL IN SCHOOLS

This course is designed to help the learner gain a more comprehensive understanding of alcohol, drugs and their influences in the classroom. It provides a contextual framework for understanding what students may be experiencing through their own substances use or as a result of the substance use of persons close to them and provides a basic historical perspective of substance use along with the biological, psychological, and social factors that comprise the disease of addiction. Upon course completion, the learner will better understand the complex dynamics that contribute to this biologic vial and social phenomenon.

EDV 550 EDUCATIONAL ASSESSMENT

This course is designed to further develop the conceptual and technical skills required by teachers to help them identify their educational goals and implement meaningful instructional strategies for effective learning by students with special needs. The focus of the course is on assessment for instructional programming and will outline procedures for designing or selecting, administering, and interpreting a variety of informal assessment measures typically used in schools. The presentation of assessment information in an acceptable format to parents and teachers is also addressed.

EDV 555 HARASSMENT, BULLYING & C.I. SCHOOLS

Harassment, Bullying & Cyber-Intimidation in Schools will discuss definitions and the personal, social and legal ramifications associated with sexual harassment, bullying and cyber-intimidation. The course will address what we know about these troubling areas. We will then explore preventive strategies as well as how school staff can address these issues when they occur. A clear understanding of what constitutes harassment and the harmful effects of harassment on people and institutions is essential to providing a safe and inclusive environment for all.
EDV 600 INCLUSION

This course is designed to help special and general educators gain a better understanding of inclusion, one of the current educational reform movements that advocates educating students with disabilities in the general education classrooms. Upon course completion, the learner will be able to define key concepts and terms, identify and describe federal legislature and court cases, and list and describe the federal definition of students entitled to special services. This course will also discuss the roles and responsibilities of educators in providing special services to students educated in inclusive classrooms.

EDV 601 INFANT/TODDLER MENTAL HEALTH

This course is designed to help educators achieve a better understanding of infant and toddler mental health, child development, and strategies that can be used to promote positive relationships with children and their families. This course provides information that will help the learner understand and identify his or her role as a child care provider, educator, and early childhood professional. Infant & Toddler Mental Health provides research-based information on child development, attachment, temperament, and curriculum. This course also lists resources for both teachers and parents who would like more help or information about infant and toddler mental health.

EDV 610 LEARNING DISABILITIES

This course describes diverse theoretical approaches to handling learning disabilities in the classroom. It lays the foundation for sensitive, appropriate assessment and evaluation of students. In addition, this course cover program planning and implementation, stresses the importance of a close, positive partnership with parents or alternative caregivers, and explores methods for ensuring that the home-school-axis is effective and meaningful. Major trends and unresolved issues in this field of learning disabilities are also discussed.

EDV 615 READING & WRITING CONTENT AREA

Reading & Writing in Content Area offers instruction in teaching reading and writing in various subject matter fields at the secondary level. The material stresses the skills of vocabulary building, comprehension, and writing, as well as methods for motivating adolescents to read and write. The course also provides information on recognizing reading difficulties, assessing textbooks, and the integration of reading strategies within a content area. The strategies taught are aligned with the Praxis Reading Across the Curriculum test guide and the Reading in the Content Area national standards.

EDV 616 READING FUNDAMENTALS #1

The purpose of this course is to improve the knowledge of science and the scientific process. This is the first course in a three-course series.
**Note: It is recommended that the Reading Fundamentals courses be taken sequentially; however, it is not mandatory that all three courses be taken.

**EDV 617 READING FUNDAMENTALS #2**

Designed to lay the foundation for effective reading instruction, this course will teach students about the elements of effective instruction and the importance of reading instruction.

**Note: It is recommended that the Reading Fundamentals courses be taken sequentially; however, it is not mandatory that all three courses be taken.

**EDV 618 TALENTED & GIFTED**

This course provides information on the history of exceptional students in relation to education, current law, and accepted methods for referral, assessment, and identification. It covers major program models and methods of differentiating instruction to meet the rate and level of learning of those students identified. The course gives the learner an understanding of ways to meet the affective needs of the gifted and talented student in the regular classroom and lists resources for teachers and parents who would like more information about the talented and gifted.

**EDV 619 TEACHING DIVERSITY**

Designed to give the learner the knowledge, tools, and dispositions to effectively facilitate a diverse classroom, this course teaches how to understand and identify differences in approaches to learning and performance, including different learning styles and ways in which students demonstrate learning. An emphasis in this course is on understanding how students' learning is influenced by individual experiences, talents, disabilities, gender, language, culture, and family and community values. The learner is challenged to apply knowledge of the richness of contributions from our diverse society to the teaching field.

**EDV 620 READING FUNDAMENTALS #3**

This course will focus on learning to read, reading to learn, and an introduction to reading assessment. As part of these key areas of reading instruction, the five elements of effective reading instruction will be highlighted, including definitions, implications for instruction, and future directions.

**Note: It is recommended that the Reading Fundamentals courses be taken sequentially; however, it is not mandatory that all three courses be taken.
EDV 625 SIX TRAITS OF WRITING MODEL

This course will discuss why writing is important and why teachers should include writing as often as possible in all content areas. The course will also include practical applications for assessing and teaching writing, including teaching students how to self-assess their own writing. The first chapter of this course will discuss why teaching writing is important and give students an introduction to the Six Traits of Writing Model. Through chapters 2, 3, and 4 students will discuss the elements of the Six Traits of Writing Model. Throughout those elements students will look at practical ways to use this model in the classroom.

EDV 640 TEACHING ELEMENTARY MATH CONCEPTUALLY

This course is designed to expand the methodology for teaching Mathematics. The course will explore an innovative teaching model that incorporates strategies for teaching concepts constructively and contextually. The goal is for students to gain a deeper understanding of the underlying concepts of various math topics and to explore the principles of teaching those concepts to learners. This course will focus on the topics of number, sense, basic operations and fractions.

EDV 645 TEACHING SECONDARY MATH CONCEPTUALLY

This course will explore an instructional methodology that incorporates strategies for teaching concepts, constructively, and contextually. The goal is for students to gain a deeper understanding of the underlying concepts of various math topics and explore the principles of teaching those concepts to learners. The course will also explore teaching methodologies that support many federal and state standards. This course will focus on the topics of integers, fractions, factoring, and functions.

EDV 650 TRAUMATIZED CHILD

This course is designed to help classroom teachers, school counselors, and other educational personnel gain strategies to reach and teach students who have been affected by stress, trauma and/or violence. Participants will learn the signs and symptoms of stress and trauma and/or violence. And explore how stress, violence and trauma affect a student's learning, cognitive brain development, and social-emotional development. The short-and long-term consequences of being exposed to stress, trauma, or violence, as well as the social and family causes, will be reviewed. The dynamics of domestic violence and community violence are also discussed as is the educator's role in the intervention and prevention of violence.

EDV 655 TRY DI!

This course Understanding & Implementing Common Core Standards has been divided into four chapters. The organization of the course covers the rationale for and design of the Common
Core State, the "Common Core Mindset" practitioners need for successful implementation and what specific actions can be taken for deeper implementation across settings.

**EDV 660 UNDERSTANDING AGGRESSION**

This course includes topics on violence, aggression in the classroom, youth gangs, aggression in sports and on television, how drugs and alcohol play a role in aggression and violence, and "hot spots" that end to breed aggression and violence. It is designed to help school personnel become more aware of the causes of aggression and ways to evaluate it and intervene before it turns to violence in the schools. The course also discusses aggression in our communities through driving, dating, sports, television, and music and how these issues are related within modern society.

**EDV 665 UNDERSTANDING COMMON CORE STAN**

Try D!! is designed to provide students an opportunity to learn about an instructional framework. Differentiated instruction (DI), aimed at creating a supportive learning environments for diverse learning populations. Students will be presented a method for self-assessment of the extent to which their current instructional approach reflects the perspective, principles, and practices of the DI approach. The course reflects an approach that aligns the principles of DI with the practices of DI.

**EDV 670 VIOLENCE IN SCHOOLS**

This course is designed to give participants an understanding of school violence and increase intervention strategies. The course provides an overview of violence and the motivational purposes behind aggression. The correlation and impact of the media, community, and family upon violence is investigated. The learner will gain an understanding of identification and intervention approaches to working with out-of-control behaviors. In addition, information about the national resources available for both parents and teachers is covered. Upon successful completion of this course, participants will have a better understanding of violence and the motivations behind its use, as well as specific strategies to minimize the occurrence of violence in the school and community.

**EDV 675 WHY DI?**

This course is an interactive computer-based instruction course, designed to give students an understanding of the framework of the need for creating supportive learning environments for diverse learning populations. In this course students will learn what is meant by Differentiated Instruction (DI) and the common myths associated with creating the differentiated classroom. We will discuss the legal, theoretical, and pedagogical foundations in the field of education that support the utilization of differentiated instructional practice and principles. We will reflect on best practices and national trends in the design of the educational setting to meet the needs of a diverse learning population. Why DI? An introduction to Differentiated Instruction will also
provide connections to a variety of concepts, variables, and resources that will assist practitioners in aligning their own professional practices with those found in the differentiated classroom.

**EDV 680 RESPONSE TO INTERVENTION: PRACTICAL INFORMATION FOR THE CLASSROOM TEACHER**

RTI is a process schools can and should use to help students who are struggling with academics or behavior. Even though RTI is primarily linked to special education and the early identification of learning problems, RTI is not just for students in special education. RTI is for all students and is based on the premise that a student might be struggling due to instruction or the curriculum in the past, or in the current classroom. Every teacher will have students who are struggling and whether it’s short term or long term, RTI is a valuable tool.

**ENGLISH**

**Note:** All new students entering the College are required to take ENG 110/ENG 112, and ENG 200/ENG 202 within their first 45 credits at Medaille College. Transfer students with more than 45 credits already completed should complete these courses as soon as possible.

**ENG 100 FUNDAMENTALS OF ENGLISH**

This is an introductory English course, taken for a letter grade, is meant to prepare students for success in courses requiring college-level reading and writing. Topics include reading and writing for academic purposes, punctuation and mechanics, grammar and sentence structure, vocabulary and comprehension strategies, effective pre-writing, thesis statements, topic sentences, and transitions. Three credit hours. Prerequisites and/or Special Considerations: placement. Offered fall/spring semester, as needed.

*This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy*

**ENG 102 FUNDAMENTALS OF COLLEGE READING & WRITING FOR MULTILINGUAL STUDENTS**

This course is the equivalent to ENG 105, but it is designed for multilingual students. This course introduces students to the fundamentals of college reading and writing in multiple media. This course introduces reading and writing as active, critical processes which are intrinsically linked. In developing active reading process skills, vocabulary enhancement strategies, and the abilities to recognize text features and organizational patterns, this course emphasizes fundamental skills for reading and writing across the curriculum. Writing skills specifically addressed include the following: pre-writing, drafting, revising, and editing; paragraph and essay organization; the importance of critical thinking, clarity, and conciseness; grammar; and introductory source integration and attribution. In both modes, audience awareness and rhetorical
purpose will be addressed. Three credit hours. Prerequisites and/or Special Considerations: placement. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy

**ENG 105 FUNDAMENTALS OF COLLEGE READING AND WRITING**

This course introduces students to the fundamentals of college reading and writing in multiple media. This course introduces reading and writing as active, critical processes which are intrinsically linked. In developing active reading process skills, vocabulary enhancement strategies, and the abilities to recognize text features and organizational patterns, this course emphasizes fundamental skills for reading and writing across the curriculum. Writing skills specifically addressed include the following: pre-writing, drafting, revising, and editing; paragraph and essay organization; the importance of critical thinking, clarity, and conciseness; grammar; and introductory source integration and attribution. In both modes, audience awareness and rhetorical purpose will be addressed. Three credit hours. Prerequisites and/or Special Considerations: This course is required for all students who place within the specified range on the placement test(s). Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy

**ENG 110 COLLEGE WRITING**

This course is designed to develop the students' abilities to produce effective college writing in multiple media and assist students in making judgments regarding content within their own writing, particularly when utilizing researched sources. The course also emphasizes organization, structure, revision, and mechanics. Portfolios must be retrieved from the department secretary at the end of the semester for use in ENG 200. Three credit hours. Prerequisites and/or Special Considerations: ENG 105 or equivalent, or suitable score on the writing assessment. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy

**ENG 111 WRITING EFFECTIVE ESSAYS**

Developed for the returning adult student, this course enables students to assess, critique, and hone their college-level composition skills, developing the ability to write effectively. It assists students to make judgments regarding content, organization, structure, and mechanics, focusing on the production of relevant, clear, and concise student essays. Research and revision are emphasized. Students will compile and evaluate a portfolio of their writings, including a self-
assessment. Four credit hours. Prerequisites and/or Special Considerations: None. Offered as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy

**ENG 112 COLLEGE WRITING FOR MULTILINGUAL STUDENTS**

This course is the equivalent of ENG 110, with modifications to meet the needs of multilingual students. The course introduces the students to U. S. academic writing practices, and content is designed to develop students' abilities to produce effective college writing in multiple media, and to assist students in making judgments regarding content within their own writing, particularly when utilizing researched sources. The course also emphasizes organization, structure, revision, and mechanics. Portfolios and self-evaluations must be retrieved these from the department secretary at the end of the semester for use in ENG 202. Three credit hours. Prerequisites and/or Special Considerations: Medaille’s ENG 102 or equivalent, or placement into this course. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy

**ENG 200 ADVANCED COLLEGE WRITING**

This course develops students' skills in critical thinking and in writing analyses using subject matter from across the curriculum. Each writing assignment requires research and writing from sources. The course emphasizes research in both print and digital platforms and the production of effective college writing in multiple media, where appropriate. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent in transfer credits. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy

**ENG 201 WRITING THE RESEARCH PAPER**

This second course in the ALP writing sequence develops students' skills in thinking and in writing analyses, using subject matter from across the curriculum. Each writing assignment requires research and writing from sources. Students will produce a formal research paper and a portfolio of their writings, including a self-assessment. Several writing diagnostics will be administered to help students identify and correct individual writing weaknesses. Four credit hours. Prerequisites and/or Special Considerations: previous sequence of SAB courses, ENG 111. Offered as needed.

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ENG 202 ADVANCED COLLEGE WRITING FOR MULTILINGUAL STUDENTS

This course is designed to follow ENG 112, and it is the equivalent of ENG 200: Advanced College Writing, with additional attention to the interests of multilingual students. This course develops students' skills in critical thinking and in writing analyses using subject matter from across the curriculum. Each writing assignment requires research and writing from sources. Research in both print and digital platforms and effective college writing in multiple media are examined. Supplemental academic coaching/tutoring is required. Three credit hours. Prerequisites and/or Special Considerations: ENG 112 or equivalent from another accredited American university or college. Offered fall/spring semester, as needed.

ENG 205 INTRODUCTION TO LITERATURE

A study of the basic literary genres, techniques, and processes used in poetry, drama, the short story, and emerging forms (e.g. Electronic Literature), as well as an introduction to some of their classical origins. In addition to selections from European and American literature, selected classical and religious texts that have contributed to the development of Western Literature are examined. A community-based component of the course is added through in-class oral reports or other reporting methods detailing Western New York literary arts resources. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

ENG 206 LITERATURE AND SOCIETY

This course introduces students to the basic literary forms, techniques, and processes used in poetry, drama, and the short story while examining the relationship between literature and society. Students will read and discuss selections from European and American literature, as well as selected classical and religious texts that have contributed to the development of Western Literature. Four credit hours. Prerequisites and/or Special Considerations: previous ASB courses. Offered fall/spring semester, as needed.

ENG 210 INTRODUCTION TO CREATIVE WRITING

A course designed to introduce the tools and techniques needed to compose different types of creative writing, including at least three of the following: fiction, poetry, drama, and/or creative nonfiction. This course also is designed to share how to create a portfolio of creative writing that expresses idea, emotion, and other experiences in language through traditional, contemporary, and experimental forms of stories, poems, plays, and essays. Where appropriate, this course will address how to write creatively in emerging forms (e.g., electronic literature) and multiple media. This course will also explore how creative writing can reflect or express ethical and social issues or themes. This course also will engage in the oral performance of creative writing and share information on how and where to publish it. Three credit hours. Prerequisites and/or Special Considerations: INT 110 or equivalent. Offered fall/spring semester, as needed.
Students should note that this course satisfies the “Creative and Reflective Dialogues” requirement of the General Education Core.

ENG 215 SURVEY OF WORLD LITERATURE

This survey course is designed to introduce the student to representative works (short stories, poems, and plays) of world literature and multiculturalism. The course emphasizes the understanding that world “literature” can include diverse textual artifacts and cultural practices, this course will explore, where applicable, emerging forms (electronic literature) and other multiple media platforms. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

ENG 260 BUSINESS AND PROFESSIONAL WRITING

This course examines the different types of business and professional writing, both traditional and electronic, as well as oral communications in various cultural settings. Students shall learn how to most effectively use basic grammar skills and usage in a variety of business and professional applications. They will also learn the proper use of graphs, visuals, and presentation materials as they relate to written; both print and online, and oral communication. This course investigates the necessary relationships between audiences, styles of writing, and ethical considerations pertinent to business and professional communications. Students will produce a print and/or online portfolio which will include a resume, application letters, memoranda, reports, instructions, and brochures. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

ENG 260E PERSUASIVE WRITING IN TODAY’S WORLD

This course is a study of persuasive and ethical written communication - in the workplace, in the marketplace, and in interpersonal communication. Students will use proven techniques of effective writing such as purpose, scope, audience, thesis development, and structure to explore argument and opinion. Course topics include evaluating persuasive strategies and attitudes as well as the approaches and techniques of argument; students will apply their learning to a variety of business communication tools including essays, web-based messages, speeches, advertisements, and proposals. Variable, three to four credit hours. Prerequisites and/or Special Considerations: ENG 111 or transfer equivalent. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy

ENG 270 ARGUMENTATION AND PERSUASION

A detailed study of the principles employed in effective written arguments and persuasive pieces. The course will familiarize students with the tools and techniques of persuasion, and place
special emphasis on the nature of argument. Practical application of the art of persuasion in the professional world will be included. The course will provide extensive writing practice. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and PHI 200. Offered fall/spring semester, as needed.

**ENG 298 SPECIAL TOPICS IN ENGLISH**

Topic specified each semester course offered. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, or higher. Offered fall/spring semester, as needed.

**ENG 300 FICTION WORKSHOP**

The primary focus of this course is the art of writing fiction, with special attention paid to the short story. The course will carefully study contemporary published short stories from a number of genres and media platforms (ie: traditional short stories, literary fiction, fan fiction, science fiction and other genre fiction, flash fiction, digital fiction/emerging forms). These models, in turn, will serve as models for original fiction writing to be done during the semester. The course will model the process of producing a marketable piece of fiction, as well as the steps in publishing stories. The course will provide experience with submitting short stories to both digital and print markets, and it will also introduce the art of querying agents and publishers for longer pieces of fiction. As a workshop course, ENG 300 requires each participant to submit at least one original short story for large group discussion, and refine it to publishable quality. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

**ENG 305 BRITISH LITERATURE: MIDDLE AGES TO THE EIGHTEENTH CENTURY**

A survey of selected major authors from the Middle Ages through the Restoration and 18th Century. Emphasis of the course is on both major authors and the historical development of literary traditions. The course also covers the major social, historical, and geographical factors influencing the origin and development of the English language, related media, and culture. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and a 200-level literature course. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Global Dialogues” requirement of the General Education Core.

**ENG 310 POETRY WORKSHOP**

This course is designed to introduce the student to the tools and techniques needed for writing poetry. It is a course in the creative expression of thought and idea combined with the discipline of learning traditional, contemporary, and experimental forms of poetry. It is also designed to give the student confidence in oral reading of poetry and knowledge of how to publish. Three
credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

**ENG 315 BRITISH LITERATURE II: LATE EIGHTEENTH CENTURY TO THE PRESENT**

A survey of selected major authors from the Romantic Period through the 21st Century. Emphasis of the course is on both major authors and the historical development of literary traditions. The course also covers the major social, historical, and geographical factors influencing the origin and development of the English language, related media, and culture. Three credit hours. Prerequisites and/or Special Considerations: ENG 205 or ENG 215. Offered fall/spring semester, as needed.

Student should note that this course satisfies the “Global Dialogues” requirement of the General Education Core.

**ENG 320 DRAMA WORKSHOP**

This course will provide a practical introduction to writing for the stage. It will include a study of dramatic structure, character, themes, and theatrical devices. Through experiential activities, students will gain an appreciation for issues such as the effective use of space, movement, light, dialogue, and sound. Students will write exercises or short scenes every week, and that writing will become the basis of a one-act play, which will be the final project. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

**ENG 325 LITERATURE OF THE UNITED STATES: COLONIAL TO THE CIVIL WAR**

An intensive critical study of American literature beginning with texts of the New World exploration and settlement up until the Civil War, inclusive of Native American oral literature. Emphasis in the course is on both individual works and literary/historical traditions. Meaningful integration of images, videos, and other multiple media and how those media merge with the traditional study of American literature are also studied. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and any 200-level literature course. Offered fall/spring semester, as needed.

**ENG 330 PRELUDE PRACTICUM**

A course designed to introduce students to the tools and strategies needed to complete both the desktop and online publication of the *Prelude*, Medaille’s creative arts journal. This course will help students learn how to work together with others to obtain submissions for publication, set up editorial criteria for selection of submissions, notify authors about selection or rejection of their submissions, and create a story board for format and layout of the journal. This course also will

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help students learn how to edit and organize selected copy; learn how to use desk top publishing software to format, layout, and publish a hard copy book of poems, stories, and visual art, as well as to create and maintain a website for online publication of the Medaille creative arts journal. Moreover, students will learn how to organize, publicize, and implement campus and community readings or other events to encourage more interest in and support for the Prelude. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent. Offered fall/spring semester, as needed.

**ENG 331 PRELUDE PRACTICUM II**

A course designed to help students master the tools and strategies needed to complete desk-top publication of the Prelude, as well as, in the future, to create a website for the Medaille creative arts journal. This course also is designed to help students learn how to edit and organize copy; learn how to use desk-top publishing software to format and layout a book of poems, stories, and visual art; to help students master the software skills necessary to build a website for the Prelude, as well as, in the future, to publish the Medaille creative arts journal online. One and a half credit hours. Prerequisites and/or Special Considerations: ENG 330. Offered fall/spring semester, as needed.

**ENG 335 LITERATURE OF THE UNITED STATES: CIVIL WAR THROUGH THE TWENTY-FIRST CENTURY**

A survey of the history of the United States, from the Era of Reconstruction through the twentieth century, that addresses important political, economic, social, scientific, and cultural developments. The course will include discussions of the role of class, race, and gender on U.S. history as well as the ways in which systems of labor, intellectual developments, and technological innovations shaped history. The course also introduces students to the skills of historical thinking necessary to form their own understanding of the past. Three credit hours. Prerequisites and/or Special Considerations: ENG 105. Offered fall/spring semester, as needed.

**ENG 345 FILM ART AND APPRECIATION**

This course explores the development of film as an art form in its historical, political, and cultural contexts. Students learn to become active viewers of film through analysis of film technique, genre, and theory. Special emphasis is placed on the connections between cinematic “language” and the world of literature: not only because film and literature are closely linked in their use of narrative, but also because methods of literary analysis provide a useful avenue into film analysis. Three credit hours. Prerequisites and/or Special Considerations: ENG 205 or ENG 210. Offered fall/spring semester, as needed.

**ENG 350 CREATIVE NON-FICTION**

A course designed to introduce the tools and techniques needed to compose a portfolio of different types of creative nonfiction writing, including the factual and lyric essay, memoir, and
travel writing. This course will study the sometimes problematic borderlands in this genre between fiction and nonfiction, objectivity and subjectivity, as well as how to complete the kinds of research necessary in memorable creative nonfiction writing. This course also will explore texts in traditional, contemporary, experimental or, where appropriate, emerging (e.g. electronic literature) forms and multiple media. This course will also investigate how creative nonfiction writing can reflect or express conversations about ethical and social issues or themes. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

This course satisfies the “Creative and Reflective Dialogues” requirement of the General Education Core.

**ENG 355 MAJOR LITERARY FORMS**

This course studies one of the important forms of literature: drama, short story, novel, or poetry using representative examples. The course will include the history and development of the form as well as its nature and variety. A student may take the course more than once for credit under different literary forms. Three credit hours. Prerequisites and/or Special Considerations: ENG 205 or ENG 210. Offered fall/spring semester, as needed.

**ENG 360 ADVANCED REPORT AND PROPOSAL WRITING**

This course teaches advanced critical thinking and writing skills for application in various academic disciplines and professional contexts. Students also learn how most effectively to produce professional and academic discipline specific texts that are print-ready, coherent, and cohesive. Students produce a portfolio in both print and web-based media that will include an advanced research report and a proposal. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

**ENG 361 ADVANCED BUSINESS REPORT WRITING**

This course teaches advanced critical thinking and writing skills for application in academic, business, and professional contexts. Students will produce professional and academic reports that are print-ready, coherent, and cohesive. Emphasis is placed on honing the students’ skills in written, verbal, and electronic communication, producing an accomplished writer who is practiced in the conventions of written English and professional communication. Students produce a portfolio in both print and web-based media that will include an advanced research report and a proposal. Four credit hours. Prerequisites and/or Special Considerations: previous BBA courses. Offered as needed.

*This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy*
ENG 365 MULTICULTURAL LITERATURE OF THE UNITED STATES

This course focuses on the ways in which race, class, gender, and ethnicity shape personal, cultural, and social realities. It explores the perceptions, viewpoints, or life experiences of people in societies or cultures of under-represented, non-dominant, or marginalized groups within the United State. The course covers the cultural and historical heritage expressed through literature as a vision of the minority experience in the United States and the more universal nature of the human condition. Three credit hours. Prerequisites and/or Special Considerations: any 200-level literature course and ENG 200 or equivalent. Offered fall/spring semester, as needed.

ENG 370 TEACHING AND EVALUATING WRITING

This course is a study of modern approaches to the teaching of writing, emphasizing writing for practice, responding to writing, and developing practical tools for secondary school writing instruction. Coursework will include holistic scoring and portfolio evaluation. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and EDU 233 or EDU 234. Offered fall/spring semester, as needed.

ENG 375 CHILDREN’S LITERATURE: FROM ANCIENT MYTH TO THE DIGITAL AGE

This course is a study of children’s (birth through adolescence) literature and media from a broad range of cultures, periods, and genres. The course will examine the history, the development, and the reception of children’s literature and media. A community-based learning project will provide an opportunity for students to understand and apply children’s literature in real-world, multicultural contexts. Offered as needed. Three credit hours. Prerequisites and/or Special Considerations: INT 110 or equivalent, ENG 200 or equivalent, and ENG 205/210/215. Offered fall/spring semester, as needed.

Students should note that ENG 375 has been identified as a U course in the EQUIP curriculum sequence.

ENG 398 SPECIAL TOPICS IN ENGLISH

Topic specified in each semester course offered. Three credit hours. Prerequisites and/or Special Considerations: varies according to the topics of the course. Offered fall/spring semester, as needed.

ENG 400 SENIOR PORTFOLIO

In this workshop, students with previous experience in writing for business, technical writing, and/or creative writing, learn how to write for publication. The class employs a workshop approach, whereby students are exposed to all types of writing and publication issues, while themselves choosing one area of writing in which to focus on publication. Students learn what
manuscripts should look like, how to professionally submit them for publication, and how to identify markets and submit to Internet publications. They will also learn about the business of publishing, about grants and contests, self-publishing options, and how to use revision to turn manuscripts into finished products. Three credit hours. Prerequisites and/or Special Considerations: any writing course 260 or above. Offered fall/spring semester, as needed.

ENG 405 THEMES AND TOPICS IN AMERICAN LITERATURE

An exploration of a significant theme or topic reflected in major literary works and/or authors from United States literature, understanding that United States “literature” can include diverse textual artifacts and cultural practices. Readings may be chosen to reflect the development of an idea, theme, or topic throughout different literary periods. This course will examine that theme or topic through both primary and secondary texts, and will engage in research into the semester’s topic through multiple media. The course, when appropriate, may include creation of a digital product (ie: a wiki, website, or other mediated form). This course may be taken more than once for credit under different themes or topics. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and any 200-level literature course. Offered fall/spring semester, as needed.

ENG 415 THEMES AND TOPICS IN BRITISH LITERATURE

This course examines poetry, drama, and prose produced during the Romantic period in Britain (1789 – 1832). Students will read and analyze both canonical and non-canonical writers of the period. Additionally, students will explore the history of critical explanations of Romanticism, as well as scholarship on individual writers and key issues in Romantic studies. Three credit hours. Prerequisites and/or Special Considerations: any 200-level literature course. Offered fall/spring semester, as needed.

ENG 425 THEMES AND TOPICS IN WORLD LITERATURE

An exploration of a significant theme or topic reflected in major literary works and/or authors from world literature, understanding that World “Literature” can include diverse textual artifacts and cultural practices. This course will examine that theme or topic through both primary and secondary texts, and will engage in research into the semester’s topic through multiple media. The course may include creation of a digital product (ie: a wiki, website, or other mediated form). This course may be taken more than once for credit under different themes/topics. Three credit hours. Prerequisites and/or Special Considerations: any 200-level literature course. Offered fall/spring semester, as needed.

ENG 435 MAJOR GLOBAL LITERARY FIGURES

An intensive study of the works of a major global (i.e., outside of the United States) writer (or small, tight-knit writing community). This course will examine the work of that author through both primary and secondary texts, and it will engage in research into the semester’s topic through
multiple media. This course may be taken more than once for credit under different literary figures. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and ENG 205 or ENG 215. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Global Dialogues” requirement of the General Education Core.

**ENG 460 LITERARY THEORY AND CULTURAL STUDIES: ENGLISH SEMINAR**

A study of some of the major theoretical approaches to literature and culture, with a particular concentration on twentieth- and twenty-first century authors. Throughout the course of the semester, the application of theoretical and cultural studies approaches to the analysis of literary works and related media is practiced. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, any 200-level literature course, and junior standing. Other majors may enroll with special approval from Department Chair. Offered fall/spring semester, as needed.

**ENG 477 ENGLISH FIELD EXPERIENCE**

This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. In this field experience, students gain experience working with a local publication or in some other writing-based career employer. Skills practiced in the field experience are expected to be at a high-level of competence and difficulty and approved by the Department Chair. Three credit hours. Prerequisites and/or Special Considerations: ENG 250 or above. Offered fall/spring semester, as needed.

**ENG 478 ENGLISH FIELD EXPERIENCE II**

This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. In this field experience, students gain experience working with a local publication or in some other writing-based career employer. Skills practiced in the field experience are expected to be at a high-level of competence and difficulty and approved by Department Chair. This is intended as a second internship semester for students who have taken ENG 477. Three credit hours. Prerequisites and/or Special Considerations: ENG 477. Offered fall/spring semester, as needed.

**ENG 485 THE ENGLISH LANGUAGE: PAST, PRESENT & FUTURE**

Consideration of major social, historical, and geographic factors influencing the origin and development of English; sound, meaning, and grammatical elements of the language; differences
between American and British English (as well as other global variations); attitudes toward language and language differences. In addition, this course will consider the impact that globalization and technology have had on the English language, and the implications for its future growth. The course will culminate with each student contributing to a digital humanities project, such as an article or other digital feature to an evolving website on some aspect of the development, future, structure or influence of the English language. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and junior standing. Offered fall/spring semester, as needed.

**ENG 498 INDEPENDENT STUDY IN ENGLISH**

Topic developed by student and instructor for each semester offered. Three credit hours. Prerequisites and/or Special Considerations: ENG 260 or above. Offered fall/spring semester, as needed.

**ENGLISH AS A SECOND LANGUAGE**

**ESL 110 ORAL COMMUNICATION IN AMERICAN ENGLISH**

This English as a Second Language (ESL) course emphasizes various aspects of oral communication in order to improve linguistic and communicative competence, strengthen conveyance of meaning, and build vocabulary. Special emphasis will be placed on the specific speaking skills of pronunciation, fluency, and conversational speed. Students will engage in individual and group projects and structured role plays in order to increase their proficiency and comfort level in cross-cultural experiences unique to the international student. Three credit hours. Prerequisites and/or Special Considerations: enrollment restricted to international students. Offered fall/spring semester, as needed.

**FRENCH**

**FRE 101 ELEMENTARY FRENCH I**

This course will instruct the student in the basic grammatical structures of French. Special emphasis will be placed on oral skills. Vocabulary building and role playing, utilizing the spoken language in everyday situations, will be stressed. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**FRE 102 ELEMENTARY FRENCH II**

A continuation of FRE 101. This course will instruct the student in more complex grammatical structures and vocabulary building while encouraging an increased degree of accuracy and control in the spoken language. Three credit hours. Prerequisites and/or Special Considerations: FRE 101 or high school French. Offered fall/spring semester, as needed.
FRE 498 INDEPENDENT STUDY IN FRENCH

Topic to be specified each semester course offered.

FINANCE

FNS 203 PRINCIPLES OF FINANCE

This course is an introduction to the theoretical and practical uses of financial management principles with emphasis on financial analysis, decision making, and communication. Topics covered include financial ratios, along with concepts of risk, return and value. Emphasis is also placed on working capital management, cost of capital, capital structure, and long-term financing strategies. Four credit hours. Prerequisites and/or Special Considerations: previous BBA courses, ACC 304. Offered as needed.

GENERAL EDUCATION

GEN 110 INTRODUCTION TO CRITICAL THINKING

As a cornerstone in Medaille College’s General Education Core curriculum, this course aims to introduce students to the fundamentals of critical thinking. Its coursework integrates basic critical thinking, argumentation, and related written and spoken communication lessons with the exploration and evaluation of significant ideas. Thus, the course specifically addresses some of the most important academic skills required not only for success in college, but also for open-minded and reflective inquiry, substantial understanding, and informed judgment. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

GEN 111 CRITICAL AND ACADEMIC THOUGHT

This course is designed to provide adult students with an introduction to the expectations and opportunities of college-level study. Throughout the course, critical thinking, problem solving, and communication skills are emphasized in the exploration and evaluation of significant ideas. In addition, the course specifically addresses the academic, study, personal, and interpersonal skills required for success in accelerated learning situations. Students will also participate in and evaluate group learning interactions. Four credit hours. Prerequisites and/or Special Considerations: previous ASB courses. Offered as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Critical Thinking
GEN 131 CRITICAL THINKING AND HEALTH SCIENCE
Through readings, discussion, investigation, and writing assignments, the course examines critical thinking as it is related to the health sciences. Students will review the scientific method as it applies to general chemistry, microbiology, and physics, using experiments, observations, and measurements to critically analyze scientific concepts and content. The course asks students to re-examine the thinking and learning skills required for success as an adult student including time management, self-directed and collaborative learning, communication skills, the conventions of academic research and scientific study, and personal study skills. Learning style assessment is also included. Four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

GEN 220 JUSTICE AND DEMOCRACY IN AMERICA
This course examines the relationship between justice and democracy in America. The course will focus on a specific theme (to be listed in the course schedule) from an interdisciplinary perspective to examine critically how people differently situated in the social structure have both shaped and been shaped by American society and government. Students will probe the relationships between political ideals and the evolution of American culture, society, and politics; and examine the construction of categories related to identity, such as class, race, gender, religion, ethnicity, etc. In the process, students will explore the ways in which their selves relate to others in their community. Three credit hours. Prerequisites and/or Considerations: INT 110 or equivalent and ENG 110 or equivalent. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “American Dialogues” requirement of the General Education Core.

GEN 221 CULTURAL INTERACTIONS: EARLY AMERICAN EXPERIENCES
This course examines the ways in which the widely divergent cultures of seventeenth and eighteenth century North America interacted with each other and with their specific environments. The course uses historical, anthropological, social, economic, and political perspectives to develop a more sophisticated understanding of the American past, and the complex nature of global cultural interactions of which the colonial American experience is an example. Four credit hours. Prerequisites and/or Special Considerations: previous ASB courses. Offered as needed.

GEN 230 CREATIVE EXPRESSION
Through various topics and themes by section, this course explores forms of creative expression in visual, performing, and literary arts. Students will acquire abilities and perspectives about these arts and interrelationships among them. In addition, through exploring, developing, and demonstrating their creativity in one art form, students will enhance their understanding of
artistic expression. A student may not take this course more than once for credit under different topics. Three credit hours. Prerequisites and/or Special Considerations: INT 110 or equivalent and ENG 110 or equivalent. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Cultural Literacy

**GEN 231 CREATIVITY AND EXPRESSION**

This course explores forms of creative expression in visual, performing, and literary arts. Students will critically examine a variety of works of art, using accepted terminology to describe them, while acquiring perspective about these works and the interrelationships among them. In addition, through exploring, developing, and demonstrating their creativity in one art form, students will enhance their understanding of artistic expression. Three credit hours. Prerequisites and/or Special Considerations: previous ASB courses. Offered as needed.

**GEN 240 SCIENTIFIC DISCOVERY**

The course engages students an active inquiry into the process of scientific discovery: its methodology, development, relationship with technology, and role in modern society. By exploring aspects of scientific inquiry, students will develop a critical awareness of scientific and technological issues, methods, and processes. Three credit hours. Prerequisites and/or Special Considerations: INT 110 equivalent and ENG 110 or equivalent. Offered fall/spring semester, as needed.

**Note:** Registration for both the lecture GEN 240 and the lab GEN 240 L is required.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Scientific Reasoning

**GEN 241 SCIENTIFIC METHODS AND DISCOVERY**

This course is an inquiry into the process of scientific discovery, its methodology, development, relationship with technology, and role in modern society. By exploring aspects of scientific inquiry, students will develop a critical awareness of scientific and technological issues, methods, and critical processes. Four credit hours. Prerequisites and/or Special Considerations: previous ASB courses, GEN 111, and ENG 201. Offered as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Scientific Reasoning
GEN 300 CRITICAL THINKING AND ADULT LEARNER

This course provides an introduction to the expectations and methodology of the Accelerated Learning Program. Through readings, discussion, and writing assignments, the course examines critical thinking and communication skills as they are used in the analysis of significant ideas. In addition, the course specifically addresses self-directed and collaborative learning, the role of communication in conflict resolution, the conventions of academic research, an introduction to Medaille’s General Education themes, and the study and personal skills required for success as an adult student. Learning team formation, library orientation, and learning style assessment are also included. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

GEN 303 CRITICAL THINKING AND LEARNING

This course provides an introduction to the expectations and methodology of the Accelerated Learning Programs. Through readings, discussion, and writing assignments, the course examines critical thinking and communication skills as they are used in the analysis of significant ideas. In addition, the course specifically addresses self-directed and collaborative learning, the role of goal setting in time management, the conventions of academic research, an introduction to Medaille’s General Education themes, and the study and personal skills required for success as an adult student. Advanced study skills, library orientation, and learning style assessment are also included. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

GEN 310 CRITICAL THINKING AND ONLINE STUDY

This course provides an introduction to the expectations and methodology of college-level online learning and critical thinking. Through readings, discussion, and writing assignments, the course examines critical thinking and communication skills as they are used in the analysis of significant ideas. The course specifically addresses the challenges of online self-directed learning, the demands of online communication, the conventions of academic research, and the study and personal skills required for success as an adult student. Library orientation, and learning style assessment are also included. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

GEN 410 BACCALAUREATE CAPSTONE I

The baccalaureate capstone is a course about ideas and the ways in which the educated person contends with them. The course deals in an integrative, interdisciplinary fashion with the five broad General Education themes: The Self and Others, Global Perspectives, Creative Expression, Science and Technology, and Communication. The course invites students to engage in a sophisticated way with ideas and works that raise questions about and shed light upon contemporary life. Through the process of reading, reflection, writing, and discussion, students will be required to demonstrate the critical thinking and communication skills generally held to

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be the hallmark of the educated individual pursuing and enjoying an informed life. Three credit hours. Prerequisites and/or Special Considerations: junior standing and completion of all lower-level General Education requirements. Offered fall/spring semester, as needed.

**GEN 411 BACCALAUREATE CAPSTONE II**

This seminar course gives students the opportunity to integrate their course work with individual research projects, which encompasses the production, presentation, and defense of a research paper which addresses a specific academic topic related to the college’s General Education core. Research projects must demonstrate significant knowledge within the selected topic area, an understanding of its place in an integrated intellectual framework, and a high level of skill development. Three credit hours. Prerequisites and/or Considerations: GEN 410. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Citizenship Dialogues” requirement of the General Education Core.

*This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy*

**GEN 498 INDEPENDENT STUDY IN GENERAL EDUCATION**

Topic to be specified each semester course offered.

**GEOGRAPHY**

**GEO 110 PHYSICAL GEOGRAPHY**

A general survey of the physical aspects of earth’s environment including man’s relationship to it. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**GEO 300 CULTURAL GEOGRAPHY**

A geographical analysis of American metropolitan areas including models of the urban economy, inter-urban spatial structures, spatial arrangements inside the city and urban problems in the twentieth-century world. Three credit hours. Prerequisites and/or Special Considerations: Geo 110 or permission from instructor. Offered fall/spring semester, as needed.

**GEO 310 CULTURAL GEOGRAPHY**

A study of mankind with its diverse cultures, economies, settlement patterns, spatial arrangements within and between urban areas, including the use of models as a means of

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understanding spatial phenomena. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent. Offered fall/spring semester, as needed.

GEO 498 INDEPENDENT STUDY IN GEOGRAPHY

Topic to be specified each semester course offered.

HEALTH INFORMATION ADMINISTRATION

HIA 123 MEDICAL TERMINOLOGY

This course introduces students to the language of medicine utilized by health care professionals within various healthcare settings, when diagnosing and treating various diseases and conditions. Students will identify the various components of medical terms (i.e. roots, suffixes, and prefixes) when building and dissecting these terms. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

HIA 197 ESSENTIALS OF HEALTHCARE DELIVERY

This course covers the essential elements of healthcare delivery in the United States, providing an overview of health care policy and its development. Course topics include the resources and systems used in delivering health care, including outpatient and primary care services, hospitals, managed care, long term care, and populations with special needs. Students will evaluate the outcomes of our health care system and how they are addressed through health care policy. The future of healthcare in the United States is discussed and analyzed, including health reform, cost and access, public health, and technology. Four credit hours. Prerequisites and/or Special Considerations: GEN 310. Offered as needed.

HIA 198 HEALTH INFORMATION TECHNOLOGY

This course investigates the function and purpose of both the Health Information Management (HIM) Department and the health record. Students will explore HIM professional opportunities, the history of health information management, and the role of HIM in the healthcare team. Course activities will focus on the health record, including its purpose, function, content, and structure, as well as the role of the HIM professional in maintaining the record. The course will also provide a brief introduction into privacy and confidentiality issues regarding the health record. Four credit hours. Prerequisites and/or Special Considerations: GEN 310. Offered as needed.

HIA 321 HEALTH INFORMATION THEORY AND PRACTICE

This course provides the student with knowledge of the organization and delivery of healthcare systems and the concepts, principles, rules and regulations that govern HIM operations. Students will examine documentation requirements, timeliness, and completeness of the health record.
with emphasis placed on the transition to the Electronic Health Record (EHR). Students will also review record content requirements mandated by accrediting and regulatory agencies and various legal requirements in maintaining health records, as well as investigate various registries and indexes and the role HIM has in maintaining them. Four credit hours. Prerequisites and/or Special Considerations: GEN 310, and HIT degree or completion of equivalent requirements. Offered as needed.

**HIA 322 THE LEGAL HEALTH RECORD**

This course provides an overview of the U.S. legal system, processes, and actions encountered in healthcare. Students will become familiar with the legal health record, e-discovery guidelines, and related agencies or external entities that influence both the healthcare environment and the HIM profession. Topics include access and disclosure of personal health information (PHI), various legal healthcare documents, HIPAA privacy, security and breaches, and compliance with subpoenas. The course also analyzes the effectiveness of compliance programs, including governmental audits, coding compliance, HIPAA Privacy and Security audit programs, and the Office of the Inspector General (OIG) as it relates to healthcare compliance. Ethical standards of practice in health information management (HIM) such as coding are also examined. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**HIA 330 INFORMATION SYSTEMS AND TECHNOLOGY**

This course provides the student with in-depth knowledge regarding the implementation and management of various technology systems utilized in the healthcare industry. Students will be introduced to the hardware and software available to ensure data integrity and security. Additionally, the principles and concepts learned will assist with the development of various networks, intranet, internet, electronic health record (EHR), personal health record (PHR), public health and other administrative systems. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**HIA 333 HEALTHCARE STATISTICS, RESEARCH, AND QUALITY IMPROVEMENT**

This course applies high-level statistical management skills to HIM operations, health research, and quality management and performance improvement. Students will analyze data to identify trends, manage risk, optimize utilization, and facilitate decision making. Students will also examine basic research designs and methodology used in HIM and organization-wide operations. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**HIA 334 THE ELECTRONIC HEALTH RECORD**

This course presents a detailed overview of the various technologies and systems used to handle and store medical records data, provide and enforce security, and maintain accurate and reliable systems. Course topics cover the hardware and software needed to ensure data collection,
storage, analysis, and reporting. Networks, including intranet and Internet applications, are examined as they contribute to the administration of electronic medical records. Special attention is given to the issues of privacy and security, which include data security concepts, contingency planning, audit trails, and the use of technology to secure data integrity and validity. Processes and procedures regarding the proper use and disclosure of healthcare data as well as the concept of interoperability will be investigated. Four credit hours. Prerequisites and/or Special Considerations: HIA 321. Offered as needed.

**HIA 405 MANAGING THE CODING PROCESS FOR INPATIENTS**

This course focuses on the medical coding system of ICD-10-CM and ICD-10-PCS as well as the application of these systems to hospital inpatient services reporting. Students will examine and apply key functions related to the coding process. Inpatient reimbursement processes, including the documentation improvement process, management of inpatient coding quality using audit techniques, and coding resources and tools (i.e. encoders and groupers) will also be addressed. Four credit hours. Prerequisites and/or Special Considerations: BIO 312 and BIO 313. Offered as needed.

**HIA 406 MANAGING THE CODING PROCESS FOR OUTPATIENTS**

This course focuses on the medical coding system of CPT (Current Procedural Terminology) and HCPCS and the application of these systems to all outpatient services reporting. Students will examine key functions related to the coding and outpatient reimbursement process, including documentation issues, coordination of the reimbursement process, use of Charge Description Master (CDM), management of outpatient coding quality in a variety of outpatient settings, and outpatient reimbursement systems. Compliance strategies to meet Federal and other regulatory requirements for the outpatient services will be developed and utilized. Four credit hours. Prerequisites and/or Special Considerations: BIO 312 and BIO 313. Offered, as needed.

**HIA 407 REIMBURSEMENT METHODOLOGIES**

This course includes a review of health care reimbursement systems for all patient services. Students will review health insurance basics and apply the concepts to a variety of patient and payer types in order to calculate accurate health care reimbursements using federal and state edits, compliance techniques, and resources. Unique patient types and services such as home care, skilled nursing care, Medicare, and Medicaid insurance are included. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**HIA 408 FINANCE AND REVENUE CYCLE MANAGEMENT**

This course provides an overview of the financial concepts required by the health information administrator, including basic accounting reports, budgeting, contracts, and managing specific healthcare data that is directly related to billing, coding, and reimbursement. Students will also review basic accounting and financial management principles, the history of reimbursement for medical services, and the development of financial management systems within the health care environment.
methodologies, and how healthcare data plays an increasingly important role in the revenue cycle. The course maintains a special focus on documentation improvement especially for ICD-10. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**HIA 440 MANAGEMENT AND ORGANIZATION FOR HEALTHCARE PROFESSIONALS**

This course will investigate best practices in human resource, project, and operations management, including process improvement, quality assurance in healthcare, and managing workplace teams. Special emphasis is placed on recruiting, training, and motivating employees. Basic strategic planning and management concepts will be applied to projects specific to the HIM department. Concepts of change management and emotional intelligence are applied to the management of the HIM department. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**HIA 460 HIA PROFESSION PRACTICE CAPSTONE**

This course is a final management capstone experience and is intended to provide a complete integration and application of previous course work and virtual lab experience in the HIA CORE course sequence. Students will engage in a management experience which focuses on a specific project. Developed in cooperation with the HIA Program Director and the designated site, the capstone project will require demonstration of management capabilities, problem solving, critical thinking, and an understanding of HIM concepts and practices. Four credit hours. Prerequisites and/or Special Considerations: completion of 28 credits in the BPS HIA core. Offered as needed.

**HIA 466 HEALTH DATA MANAGEMENT, STORAGE & RETRIEVAL**

This course explains the fundamentals of general database management and common database management software such as MS Access. Students will develop the skills required to use and design databases for use in a healthcare organization, including registries, research, quality management, utilization management, risk management, and all other internal and external customer data needs. A detailed analysis of the current data standards, as well as the impact of data standards on database management and information exchange, is included. Students will examine how specific databases meet various healthcare data storage retrieval requirements, especially monitoring and research needs. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**HIA 470 PROFESSIONAL REVIEW AND CERTIFICATION**

Within this course, student will review, synthesize, and evaluate skills and content from previous BPS HIA courses. In order to prepare students to sit for and pass the RHIA exam, the course will include partial and complete mock competency exams. Four credit hours. Prerequisites and/or Special Considerations: All prior RHIA progression courses need to be completed,
Students should note: if a student requires courses from the bridge program, then all of those courses need to be done also. Offered as needed.

**HISTORY**

**HIS 100 WESTERN CIVILIZATION**

An introductory course designed to familiarize students with major historical issues from 1500 to the present. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**HIS 101 WORLD CULTURES**

World Cultures will examine various civilizations in Africa, Asia and what is today called the Middle East. The foci of study will include the role and impact that trade, education, science, philosophy, technology, famine, and war have had on the rise and fall of civilizations in these geographic regions. Throughout, the concern will be the “differences” and “similarities” between civilizations, countries, and peoples of Africa, Asia, and the Middle East. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**HIS 140 EARLY UNITED STATES HISTORY**

A survey of the history of the United States, from pre-colonial North America to the end of the Civil War, that addresses important political, economic, social, scientific, and cultural developments. The course will include discussions of the role of class, race, and gender on U.S. history as well as the ways in which systems of labor, intellectual developments, and technological innovations shaped history. The course also introduces students to the skills of historical thinking necessary to form their own understanding of the past. Three credit hours. Prerequisites and/or Special Considerations: ENG 105 or higher placement. Offered fall/spring semester, as needed.

**HIS 145 EARLY UNITED STATES HISTORY: ROOTS – 1877**

A survey of the history of the United States, from pre-colonial North America to the end of the Civil War, that addresses important political, economic, social, scientific, and cultural developments. The course will include discussions of the role of class, race, and gender on U.S. history as well as the ways in which systems of labor, intellectual developments, and technological innovations shaped history. The course also introduces students to the skills of historical thinking necessary to form their own understanding of the past. Variable, three to four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

*This course emphasizes the following Essential Learning Outcomes for Medaille College: Cultural Literacy*

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HIS 150 CONTEMPORARY UNITED STATES HISTORY

A survey of the history of the United States, from the Era of Reconstruction through the twentieth century, that addresses important political, economic, social, scientific, and cultural developments. The course will include discussions of the role of class, race, and gender on U.S. history as well as the ways in which systems of labor, intellectual developments, and technological innovations shaped history. The course also introduces students to the skills of historical thinking necessary to form their own understanding of the past. Three credit hours. Prerequisites and/or Special Considerations: ENG 105 or higher placement. Offered fall/spring semester, as needed.

HIS 152 20TH CENTURY UNITED STATES HISTORY

This survey course is an exploration of United States history throughout the twentieth century, including both national politics and foreign affairs. Students will trace the emergence of modern America, focusing on the issues, institutions, and players that shaped the century. The course looks for what is unique in the American historical experience, placing historical events in a global context. Students will research in depth one event or issue from twentieth century America. Variable, three to four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

HIS 155 MODERN UNITED STATES HISTORY

A survey of the history of the United States, from the Era of Reconstruction through the twentieth century that addresses important political, economic, social, scientific, and cultural developments. The course will include discussions of the role of class, race, and gender on U.S. history as well as the ways in which systems of labor, intellectual developments, and technological innovations shaped history. The course also introduces students to the skills of historical thinking necessary to form their own understanding of the past. Variable three to four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

HIS 200 AFRICAN-AMERICAN HISTORY

This course offers an introduction to the African American experience. The course explores the major themes in African American history, from its roots in fifteenth-century West Africa to contemporary U.S. society. Course materials cover the major political, social and cultural factors that have shaped the African American experience. Three credit hours. Prerequisites and/or Considerations: INT 110 or equivalent, and ENG 110 or equivalent. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “American Dialogues” requirement of the General Education Core.
HIS 210 IMMIGRATION IN AMERICA

This course is an in-depth, historical examination of immigration to the United States, providing the student with a working definition of immigration and exploring the development of immigration law and policy in the United States. The course will trace the history of immigration to the United States and compare and contrast various epochs of immigration with the national and political psyche of the time. The course will analyze American immigration policy and legislation and their subsequent impact on the economic, political and cultural composition of the United States. The course will culminate with a discussion of the effects of 9/11 on immigrants and immigration policy in the United States. Four credit hours. Prerequisites and/or Considerations: none. Offered fall/spring semester, as needed.

HIS 220 CULTURAL INTERACTION IN COLONIAL NORTH AMERICA

This course examines the ways in which widely divergent cultures (Native American, European, and African) interacted and transformed each other and with specific environments in seventeenth and eighteenth century North America. The course uses historical, anthropological, and ethical perspectives to assist students to develop more sophisticated understandings of the American past. Colonial North America is placed in the larger global context to understand how outside forces helped shape the region. Three credit hours. Prerequisites and/or Considerations: INT 110 or equivalent and ENG 110 or equivalent. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Cultural Literacy

HIS 250 WORLD SYSTEMS

This course provides a global perspective on the forces uniting to shape the post-modern world. In particular, the impact of Western and non-Western societies upon each other is illuminated through an historical, cultural, and social examination of Chinese, Indian, and African states. This course highlights the reemergence of traditional societies in an age of fluid communications. Variable, three to four credit hours. Prerequisites and/or Considerations: none. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Cultural Literacy

HIS 251 PERSPECTIVES: THE WORLD TODAY

This course provides a global perspective on the forces uniting to shape the post-modern world. In particular, the impact of Western and non-Western societies upon each other is illuminated through an historical, cultural, and social examination of Chinese, Indian, and African states. This course highlights the reemergence of traditional societies in an age of fluid
communications. Four credit hours. Prerequisites and/or Considerations: previous ASB courses. Offered as needed.

**HIS 298 SPECIAL TOPIC IN HISTORY**

Topic to be specified each semester course offered.

**HIS 310 URBAN HISTORY**

A concentrated study of the development of American urban areas from Colonial times to the present. Three credit hours. Prerequisites and/or Special Considerations: HIS 150 and SOC 100. Offered fall/spring semester, as needed.

**HIS 315 HISTORY OF ETHNIC AMERICA**

This course will focus on the history of various ethnic groups in America. This focus will include their historical roles, their socio-cultural perspectives and practices, and important historical and empowerment struggles involving education, employment, religion, language, the law, and organizing strategies for strengthening their ethnic group development so as to challenge, change, and expand America’s pluralistic theory, principles, and practices. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

**HIS 320 HISTORY OF TERRORISM**

This course is an in-depth, historical examination of terrorism, providing the student with a working definition of terrorism and exploring the development of terrorism and terrorist tactics. The course will discuss the difference between terrorist acts and ordinary criminal activity and focus on providing the background necessary to understand the evolution, proliferation, and mutation of terrorism. Students will evaluate the varying efforts of nations around the world in deterring, detecting and combating terrorism. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

**HIS 321 MEDIEVAL WORLD**

This course examines the social, historical, religious, political, intellectual and material cultures of Western Europe, the Byzantine Empire, and the Middle East from c. 500 to c. 1500 CE, known as the Middle Ages. Through the examination of medieval texts and material culture students will learn to evaluate the historical complexity, religious diversity, artistic achievements, and cultural interactions of the medieval world. Four credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Global Dialogues” requirement of the General Education Core.
HIS 325 THE HISTORY OF IRELAND

This course will explore the complex history of Ireland from the Iron Age to the present. A main focus in this course will be to examine the relationship Ireland had with other countries and cultures, which helped shape the various identities of “Irish” that exist around the world today. Even before writing was introduced to the country, the people of Ireland were part of a vast international culture. Through a series of invasions, including the Viking Norse, Normans, and English, great assimilation and division took root in Ireland’s medieval and early modern history. The modern period is story filled with efforts of reform and rebellion, hunger and diaspora, and the formation of new interpretations of being Irish, all of which contributed to the troubles in Northern Ireland at the close of the twentieth century. By the end of the course, students will have a clear and thorough knowledge of Ireland’s complex history and how the identification of being Irish is expressed worldwide today. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

HIS 330 HISTORY OF THE ISRAELI-PALESTINIAN CONFLICT

This course uses a historical lens to gain a better understanding of the Israeli-Palestinian conflict. The course will trace the interaction of the Zionist movement and the Palestinian national movement from the late nineteenth century through the beginning of the twenty-first century, focusing on their impact on Israeli and Palestinian identities, societies, cultures, and politics. The course will examine the conflict by looking at the complexities of national identity and conflicting historical narratives, as well as the ethical issues involved in the conflict. The various narratives, histories, and experiences that have shaped contemporary understandings of the conflict will be studied, as well as the efforts that have been made for creating dialogue and reconciliation between the two groups. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

Student should note that this course satisfies the “Global Dialogues” requirement of the General Education Core.

HIS 350 WORLD REVOLUTIONS IN THE 20TH CENTURY

This course examines revolutions and revolutionary movements of the twentieth-century, with a focus on making comparative evaluations and assessing the transnational character of revolutions. Through the prism of revolutions and revolutionary movements, and understanding them as part of the revolving violent and non-violent history of the nation-states, students will critically assess from a global perspective historical developments and transformations in the twentieth century. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.
HIS 360 THE SIXTIES: AN AGE OF REVOLUTIONS

This course examines the meaning behind the events and changes brought about during the decade of the 1960’s. The political, social, and cultural movements of the decade are explored through the eyes of extraordinary and ordinary people. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

HIS 370 MYTH OF THE MELTING POT: A HISTORY OF AMERICAN RACISM AND PREJUDICE

An exploration of the manner in which immigrants and minority groups have been treated in American society; detailed analysis and discussion of historical documents, articles, and books. Three credit hours. Prerequisites and/or Special Considerations: SOC 100. Offered fall/spring semester, as needed.

HIS 380 EUROPEAN HISTORY AND THE BERLIN WALL

A study of how the history of Europe in the twentieth century symbolically parallels the rise and fall of the Berlin Wall. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

HIS 390 HOLLYWOOD’S AMERICA: UNITED STATES HISTORY THROUGH MOVIES AND TELEVISION

A study of the American experience via movies and television against a backdrop of the United States’ cultural life in the late nineteenth century to the last decade of the twentieth century. Three credit hours. Prerequisites and/or Special Considerations: ENG 200/ENG 202, any two Social Science courses, and junior standing. Offered fall/spring semester, as needed.

HIS 398 SPECIAL TOPIC IN HISTORY

Topic to be specified each semester course offered.

HIS 400 AMERICAN HISTORIOGRAPHY

This course will provide an in depth immersion into historical developments within a specific theme in American history that will be listed in the course schedule. Students will examine the interaction of cultural, political, social, economic, intellectual and technological issues leading to multiple and varied historical interpretations of topics within the chosen theme. Students may take this more than once as long as the theme is different. Three credit hours. Prerequisites and/or Special Considerations: HIS 140. Offered fall/spring semester, as needed.
HIS 401 THE HISTORY OF BUFFALO

A study of the historical, geographical, sociological, religious, political, and economic developments of Buffalo. Emphasis is to be placed on the period following the burning of the city during the War of 1812 to the present day. This course also will focus on the city as a resource for primary research. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and junior standing. Offered fall/spring semester, as needed.

HIS 402 THE HISTORY OF NEW YORK STATE

This course covers the Empire State from the early occupation to the present. Emphasis will be on historical, geographical, sociological, political, and economic developments. These will be viewed within a multicultural context. Three credit hours. Prerequisites and/or Special Considerations: HIS 140 or HIS 150 or junior standing. Offered fall/spring semester, as needed.

HIS 410 WAR AND PEACE IN THE NUCLEAR AGE

This course examines the origins and evaluation of the nuclear competition between the United States and the Soviet Union and its impact upon the world. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

HIS 450 EARLY CONSTITUTIONAL CONFLICT

The history of the U.S. Constitution as a product of three hundred years of American legal and intellectual thought. Particular attention will be paid to those who wrote the Constitution, the philosophical influences on them, and the resulting debates at the Constitutional Convention. Three credit hours. Prerequisites and/or Special Considerations: HIS 140 and POL 101. Offered fall/spring semester, as needed.

HIS 451 CONTEMPORARY CONSTITUTIONAL CONFLICT

The history of the Constitution from the post-Civil War period to the present. Emphasis will be placed on Supreme Court decisions, how they affected reform movements, civil rights and civil liberties. Three credit hours. Prerequisites and/or Special Considerations: HIS 150 and POL 101. Offered fall/spring semester, as needed.

HIS 456 HISTORICAL ISSUES

This course allows the social science group in the department of Interdisciplinary Studies to offer specialty courses that are not included in regular course offerings. Included are various histories of Asia, Africa, Latin America, Europe, Americas, United States and the Middle East. A student may take this course more than once for credit under different topics. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.
**HIS 498 INDEPENDENT STUDY IN HISTORY**

Topic to be specified each semester course offered.

**HOMELAND SECURITY**

**HLS 300 ADMINISTERING HOMELAND SECURITY**

This course examines the administration of homeland security. Students will review the formation of the Department of Homeland Security (DHS) from pre-existing agencies and evaluate how this impacts both the functions and the functioning of DHS. Students will investigate the responsibilities of various federal, state and local political entities and compare the role of domestic law enforcement vs. the role of the military. The course will also introduce the determination of potential terrorist targets, examine the differences between actual and symbolic targets of terrorism, discuss financing the war on terror, and explore the administration and cost of the response to natural disasters. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered as needed.

**HLS 301 HOMELAND SECURITY**

The course presents, examines, and discusses practical issues related to Homeland Security including domestic and international travel, immigration and civil rights, international relations, and consequences of the recent war on terror, especially the resultant political extremism. Students will examine Homeland Security failures and successes by both domestic and foreign governments, evaluate means to correct the failures, and propose methods to capitalize on the successes. In addition, students will explore the impact of Homeland Security on the average citizen and the impact of Homeland Security on commerce. Four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**HLS 402 MANAGING NATURAL DISASTERS**

This course examines the management of natural (non-manmade) disasters such as intense storms, hurricanes, tornados, floods, earthquakes, fires, drought, diseases, or epidemics. The course will discuss principles of prior strategic planning for a large incident, including preparation of emergency operation plans, the role of incident command, the role of planning during an incident, resource management, reentry, and cleanup. The specific emergency management demands and challenges of each disaster will be reviewed through the use of case studies. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered as needed.

**HLS 403 MANAGING MANMADE DISASTERS**

This course examines the management of manmade (and terrorist) disasters such as chemical, biological, or radiological spills; the deployment of weapons of mass destruction; a nuclear...
radiation release; or transportation catastrophe. Building upon the last course, students will apply the principles of prior strategic planning for a large incident, emergency operation plans, incident command, disaster response planning, and resource management. Specific emergency management demands and challenges will be reviewed through the use of case studies. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered as needed.

**HLS 475 CAPSTONE IN HOMELAND SECURITY**

This capstone course integrates the knowledge and skills learned in the previous courses, asking students to demonstrate integrative thinking and the ability to transfer theoretical knowledge from one setting to another. Using simulations and case studies, individuals and groups will apply theory to real situations, analyze data, employ appropriate problem solving, demonstrate effective planning, and function effectively as a team. Each group will develop an emergency disaster plan for a specific community and event, as well as analyze its effectiveness as a team. Each student will evaluate his/her own growth and development in a series of reflective essays and problem solving responses. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered fall/spring semester, as needed.

**HONORS**

**Note: Registration in HON designated courses is restricted to students enrolled in the Medaille College Honors Program.**

**HON 110 HONORS INTRODUCTION TO CRITICAL THINKING**

As a cornerstone in Medaille College’s General Education Core curriculum, this course aims to introduce students to the fundamentals of critical thinking. Its coursework integrates basic critical thinking, argumentation, and related written and spoken communication lessons with the exploration and evaluation of significant ideas. Thus, the course specifically addresses some of the most important academic skills required not only for success in college, but also for open-minded and reflective inquiry, substantial understanding, and informed judgment. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

*This course emphasizes the following Essential Learning Outcomes for Medaille College: Critical Thinking*

**HON 130 HONORS FUNDAMENTALS OF PUBLIC SPEAKING**

This course is designed to develop students’ knowledge of and skills in oral communication. It focuses on the speech-making process, rhetorical analysis, and the ethics of public speaking. Students will prepare, present and respond to public speeches on a regular basis. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.  

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This course emphasizes the following Essential Learning Outcomes for Medaille College: Oral Literacy

**HON 200 HONORS ADVANCED COLLEGE WRITING**

This course develops students' skills in critical thinking and in writing analyses using subject matter from across the curriculum. Each writing assignment requires research and writing from sources. Students will produce a portfolio of their written work, including a self-assessment. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent in transfer credits. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Written Literacy

**HON 220 HONORS JUSTICE AND DEMOCRACY IN AMERICA**

This course examines the relationship between justice and democracy in America. The course will focus on a specific theme (to be listed in the course schedule) from an interdisciplinary perspective to examine critically how people differently situated in the social structure have both shaped and been shaped by American society and government. Students will probe the relationships between political ideals and the evolution of American culture, society, and politics; and examine the construction of categories related to identity, such as class, race, gender, religion, ethnicity, etc. In the process, students will explore the ways in which their selves relate to others in their community. Three credit hours. Prerequisites and/or Considerations: INT 110 or equivalent, and ENG 110 or equivalent. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “American Dialogues” requirement of the General Education Core.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Cultural Literacy

**HON 230 HONORS CREATIVE EXPRESSION**

Through various topics and themes by section, this course explores forms of creative expression in visual, performing, and literary arts. Students will acquire abilities and perspectives about these arts and interrelationships among them. In addition, through exploring, developing, and demonstrating their creativity in one art form, students will enhance their understanding of artistic expression. A student may not take this course more than once for credit under different topics. Three credit hours. Prerequisites and/or Special Considerations: INT 110 or equivalent, and ENG 110 or equivalent. Offered fall/spring semester, as needed.
This course emphasizes the following Essential Learning Outcomes for Medaille College: Critical Thinking

**HON 340 HONORS SCIENTIFIC DISCOVERY**

The course is an inquiry into the process of scientific discovery, its methodology, development, relationship with technology, and role in modern society. By exploring aspects of scientific inquiry, students will develop a critical awareness of science as a unique way of studying and understanding the natural world. Three credit hours. Prerequisites and/or Special Considerations: INT 110 or equivalent, ENG 200 or equivalent, and sophomore standing. Students who have already completed GEN 240 cannot take this course. Offered fall/spring semester, as needed.

**Note:** Registration for both the lecture HON 340 and the lab HON 340L is required except for students who have already completed a BIO, CHE, PHY, or VET course with a lab component, who may choose to complete an extra research project instead of enrolling in HON 340L.

**HON 410 HONORS BACCALAUREATE CAPSTONE I**

The baccalaureate capstone is a course about ideas and the ways in which the educated person contends with them. The course deals in an integrative, interdisciplinary fashion with the five broad General Education themes: The Self and Others, Global Perspectives, Creative Expression, Science and Technology, and Communication. The course invites students to engage in a sophisticated way with ideas and works that raise questions about and shed light upon contemporary life. Through the process of reading, reflection, writing, and discussion, students will be required to demonstrate the critical thinking and communication skills generally held to be the hallmark of the educated individual pursuing and enjoying an informed life. Three credit hours. Prerequisites and/or Special Considerations: junior standing and completion of all lower-level General Education requirements. Offered fall/spring semester, as needed.

**HON 411 HONORS BACCALAUREATE CAPSTONE II**

This seminar course gives students the opportunity to integrate their coursework with individual research projects. Each student is responsible for the production, presentation, and defense of a research paper which addresses a specific academic topic related to the College’s General Education core. Research projects must demonstrate significant knowledge within the selected topic area, an understanding of its place in an integrated intellectual framework, and a high level of skill development. Three credit hours. Prerequisites and/or Special Considerations: GEN 410. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Cultural Literacy
HUMANITIES

HUM 201 LITERACY IN THE VIRTUAL WORLD: INTRODUCTION TO NEW MEDIA

This course analyzes the forces that keep increasing the demand for verbal, visual, and aural communication skills. The course examines the past, present, and future of information literacy, especially applications of emerging technology in human communication. Hands-on studio work will illuminate the promise and perils of networked intelligence while developing communication skills. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent. Offered as needed.

HUM 298 SPECIAL TOPIC IN HUMANITIES

Topic to be specified each semester course offered.

HUM 300 THE ARTS IN SOCIETY

This course explores the roles of the arts in society. Students will examine various arts within the Humanities—the literary, visual, and performing arts—and analyze their functions and interrelationships within historical, political, and cultural contexts. Three credit hours. Prerequisites and/or Special Considerations: INT 105 and ENG 105 or equivalent or ENG 110 or equivalent. Offered fall/spring semester, as needed.

HUM 398 SPECIAL TOPIC IN HUMANITIES

Topic to be specified each semester course offered.

HUM 400 PHILOSOPHY IN LITERATURE

The consideration of selected topics and themes drawn from literature and seen from a corresponding philosophical viewpoint. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent, and a philosophy course. Offered fall/spring semester, as needed.

HUM 498 INDEPENDENT STUDY IN HUMANITIES

Topic to be specified each semester course offered.
INTERDISCIPLINARY STUDIES

INT 105 LEARNING IN COLLEGE

This integrative seminar is designed to help new students make a successful transition to Medaille College. The course aims to foster the development of the academic skills needed to succeed in college and develop an understanding of college as a culture. This course aims to support the development of students’ personal, academic, and professional goals. This course provides students with opportunities to use campus resources, participate in life on campus, and appreciate the benefits of being a part of college culture; this will allow students to immediately apply what they are learning to their other courses and activities. Prerequisites and/or Special Considerations: required for all incoming freshman students enrolled in ENG 100, ENG 105, or MAT 100. This course will count as a Free Elective. Three credit hours. Offered fall/spring semester, as needed.

INT 110 INTRODUCTION TO DIALOGUES IN CRITICAL THINKING

As a cornerstone of Medaille’s “Dialogues” Core curriculum, this course aims to introduce students to the fundamentals of critical thinking. Its coursework integrates basic critical thinking, argumentation, and related written and spoken communication lessons with the exploration and evaluation of significant ideas. Thus, the course specifically addresses some of the most important academic skills required not only for success in college, but also for open-minded and reflective inquiry, substantial understanding, and informed judgment. Plato’s concept of “dialogue” is rooted as a foundation of the course, as well as a foundation of the entire Core curriculum. Three credit hours. Prerequisites and/or Considerations: required for all first-year students. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Critical Dialogues” requirement of the General Education Core.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Critical Thinking

INT 220 ENDURING AMERICAN DIALOGUES

This course explores enduring dialogues in American democracy. After surveying perennial questions about citizenship, freedom, authority, and justice, the course examines ideas and arguments that have animated civic discussion throughout U.S. history to the present day. The course integrates historical, political, social, and ethical perspectives to deepen understanding of key American values and institutions. Three credit hours. Prerequisites and/or Considerations: INT 110 or equivalent, and ENG 110 or equivalent. This course must be taken for a letter grade. Offered fall/spring semester, as needed.
Students should note that this course satisfies the “American Dialogues” requirement of the General Education Core.

**INT 240 ISSUES AND PROBLEMS IN HUMAN SEXUALITY**

The course presents the major empirical findings in broad content areas of human sexuality. This course may be taken as a Liberal Arts and Sciences elective, or a free elective. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**INT 275 DEATH, GRIEF, LOSS AND CHANGE**

This course is designed to acquaint students with death and dying in order to develop skills in coping with grief, loss, life changes, suicide, guilt, and death for themselves and in dealing with others. This course may be used as either a Liberal Arts and Sciences elective or a free elective. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**INT 310 PSYCHOANALYSIS AND POLITICS**

This course employs interdisciplinary materials and theoretical lenses to consider the relationships between psychology and politics, the psyche and the polis, the inner world and the public sphere. ‘Politics’ is understood in its broadest sense to include not only the workings of governments and global institutions but interactions involving ‘power’ and ‘influence,’ whether they occur at international, local, or interpersonal levels. Object-relations psychoanalytic theories help students develop questions and hypotheses about the political needs, aims, and aversions of individuals and groups, possibly in relation to current social or political events. Diverse and interdisciplinary texts and film excerpts are offered in order to explore the connections between, for example, the politics and ethics of colonial occupation and warfare, on one hand, and, on the other, of psychic repression and internalized hatred and aggression. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Global Dialogues” requirement of the General Education Core.

**INT 320 AMERICAN POPULAR CULTURE**

This course is an upper-level introduction to the issues surrounding popular culture, particularly focused on production, consumption, and reception of popular culture. This course will explore the significance of popular culture as both a reflection of and an influence upon American attitudes, beliefs, expectations, hopes, and concerns. The theoretical framework for this course is drawn from cultural studies, with special emphasis on race, gender, and class issues. This course may be used as an upper-level Liberal Arts and Sciences elective and a Communication elective.
Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and junior standing. Offered fall/spring semester, as needed.

**INT 325 INTERCULTURAL COMMUNICATION**

The overarching purpose of this course is to develop an understanding of the process of communicating across cultural boundaries. It will deal with culture as both a producer and product of communication. It will discuss how cultural similarities and differences may facilitate or impede political, economic, and social exchanges between people of different cultural backgrounds. The course will develop an appreciation of intercultural communication as an essential factor in promoting peace and fostering development in national, regional, and global contexts. This course may be used as a Liberal Arts and Sciences Elective. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent. Offered fall/spring semester, as needed.

Students should note that INT 325 has been identified as a U course in the EQUIP curriculum sequence.

**INT 350 SEMINAR IN RELIGION AND BELIEF**

This course will introduce the field of religious studies by exploring and comparing various religious cultures around the world. Two central questions provide the focus of the course: What is religion? How does religion shape the human experience and social life? This course will examine the ways in which religion is part of larger social and culture systems that provide a variety of functions: producing group cohesion, forming how individuals and communities understand themselves and their world, shaping decision making, and causing social tensions. While the course is not a survey of world religions, the history, principles, and practices of a variety of religions will be studied for the purpose of being able to investigate how religion influences the thoughts and actions of human beings. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Global Dialogues” requirement of the General Education Core.

**INT 377 INTERNATIONAL STUDIES FIELD EXPERIENCE I**

This internship course offers students a structured, supervised opportunity to design their own learning within the context of the goals of the International Major for enhancing students’ academic and professional development and the needs of their host organization. Targeted placements will be with a local organization that works with immigrant or refugee populations, or conducts work outside of the United States. Skills practiced in the field experience are expected to be at a high-level of competence and difficulty and approved by the course instructor. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.
INT 398 SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES

Topic to be specified each semester course offered.

INT 411 GLOBAL LEADERSHIP

Students will engage in the examination of fundamental, research-based leadership traits, skills, and behaviors as well as historical and contemporary conceptions of leadership and the leadership process. They will explore leadership challenges, practices, and processes from gender, multidisciplinary, cross-cultural, and global perspectives. Students will engage in the self-assessment of their leadership behaviors and abilities throughout the course and participate in a leadership-in-action project. This course may be used as a Liberal Arts and Sciences Elective. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, and junior standing. Offered fall/spring semester, as needed.

INT 450 CAPSTONE IN CITIZENSHIP

This course gives students the opportunity to integrate their course work in their major with individual research projects. The course will teach students how to develop a capstone proposal on a topic developed out of their major disciplinary field that seeks to solve a real-world problem, how to conduct scholarly research on their topic, and how to write a scholarly research paper. Students will also learn how to given an oral defense of their research. Three credit hours. Prerequisites and/or Considerations: satisfied Global Dialogues requirement, or GEN 410. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Citizenship Dialogues” requirement of the General Education Core.

INT 477 INTERNATIONAL STUDIES FIELD EXPERIENCE II

This internship course offers students a structured, supervised opportunity to design their own learning within the context of the goals of the International Major for enhancing students’ academic and professional development and the needs of their host organization. Targeted placements will be with a local organization that works with immigrant or refugee populations, or conducts work outside of the United States. Skills practiced in the field experience are expected to be at a high-level of competence and difficulty and approved by the course instructor. Three credit hours. Prerequisites and/or Special Considerations: INT 377. Offered fall/spring semester, as needed.
MANAGEMENT

MGT 112 FUNDAMENTALS OF MANAGEMENT

This course serves as a basic introduction to the study of management. Students will study the managerial environment and the processes of planning, organizing, leading, motivating, and controlling. These fundamental principles are examined using current events and practices in the business environment. The course will emphasize management in the 21st century as it faces the challenges of globalization, diversity, technology, social responsibility, and ethics. Four credit hours. Prerequisites and/or Special Considerations: Previous ASB courses. Offered as needed.

MGT 175 MANAGEMENT CONCEPTS AND COMMUNICATION

This course surveys management as a universal function including planning, organizing, motivation, leadership, and control. Special attention will be given to ethical, socially responsible management practices needed in today’s globally networked organizations. Using business technology resources, students will develop the professional skills necessary to effectively analyze and present data and other information through networked media. They will demonstrate their competencies via presentations. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

MGT 177 APPRENTICESHIP I

Apprenticeship I introduces the student to “hands on” learning through scheduled work at a partnership or other approved employer. This course will also provide periodic in-class instruction on career-readiness skills and other issues related to outside employment. Apprenticeship I is the introductory apprenticeship course that will explore options for post-college employment and introduce skills and habits valued by employers. Three credit hours. Prerequisites and/or Special Considerations: restricted to students in the ASB and ASGS programs. Offered fall/spring semester, as needed.

MGT 178 APPRENTICESHIP II

Apprenticeship II further develops the skills learned in Apprenticeship I, providing the student “hands on” learning through scheduled work at a partnership or other approved employer. This course will also provide periodic in-class instruction on additional career-readiness skills and other issues related to outside employment. Apprenticeship II is the second apprenticeship course that will promote the definition of career goals and aspirations and present skills that can immediately be applied on the job site. Three credit hours. Prerequisites and/or Special Considerations: restricted to students in the ASB and ASGS programs. Offered fall/spring semester, as needed.
MGT 179 APPRENTICESHIP III

Apprenticeship III further develops the skills learned in Apprenticeship I & II, providing the student “hands on” learning through scheduled work at a partnership or other approved employer. This course will also provide periodic in-class instruction on additional career-readiness skills and other issues related to outside employment. Apprenticeship III is the third apprenticeship course that will promote the definition of career goals and aspirations and present skills that can immediately be applied on the job site. Three credit hours. Prerequisites and/or Special Considerations: restricted to students in the ASB and ASGS programs. Offered fall/spring semester, as needed.

MGT 230 HUMAN RESOURCE MANAGEMENT

This course examines the functions of human resource management within a business environment. Emphasis is placed upon the effective management of employees as a means of achieving organizational goals. Topics to be covered include the legal environment of human resources, planning and forecasting personnel needs, recruitment and employee selection, performance evaluation, employee motivational strategies, training and development, benefits management, compensation analysis and administration, labor relations in a union environment, safety and health, and employee termination. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent. Offered fall/spring semester, as needed.

MGT 231 HUMAN RESOURCE FUNDAMENTALS

This course examines the functions of human resource management within a business environment. Emphasis is placed upon the effective management of employees as a means of achieving organizational goals. Topics to be covered include the legal environment of human resources, planning personnel needs, recruitment and employee selection, performance evaluation, employee motivational strategies, training and development, benefits management, compensation analysis and administration, labor relations in a union environment, safety and health, employee termination, ethics, diversity, and the impact of globalization and technological changes. Three credit hours. Prerequisites and/or Special Considerations: previous ASB courses. Offered as needed.

MGT 240 FINANCIAL MANAGEMENT

This course seeks to develop the theoretical and practical uses of financial management principles including the concepts of risk, return and value. Coverage includes financial statement analysis, forecasting, working capital management, capital budgeting and long-term financing strategies. Three credit hours. Prerequisites and/or Special Considerations: ACC 101. Offered fall/spring semester, as needed.

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MGT 265 NEGOTIATION AND CONSENSUS

This course examines two common methods used to resolve conflicting interests: negotiation and consensus building. Students are introduced to a range of effective organizational communication tools, including negotiation, consensus facilitation, and dispute resolution practices. Students will become aware of their own and other’s behavior in conflict situations and the effect or response that their communication has on others. Students will participate in a variety of negotiation cases, role plays, and communication exercises that illustrate different conflict resolution styles and strategies. Four credit hours. Prerequisites and/or Special Considerations: previous ASB courses. Offered as needed.

MGT 298 SPECIAL TOPIC IN MANAGEMENT

Topic to be specified each semester course offered.

MGT 299 BUSINESS LAW I

This course is intended to acquaint the student with the development of the law and legal reasoning. Students become familiar with legal terminology and concepts and the impact existing law has on business decision making. Topics covered in the course include: an overview of the American legal system, Federal and State courts, constitutional law, business torts, crimes, contracts and the law of sales. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

MGT 301 MANAGERIAL ANALYSIS AND DECISION MAKING

This course gives an in-depth look at various quantitative analytical techniques encountered in analyzing managerial problems and making effective decisions. Topics include linear programming, sensitivity analysis, Economic Order Quantity (EOQ) models, Reorder Point (ROP) analysis, production lot-sizing, Material Requirement Planning (MRP), the just-in-time system, decision criteria, and creative problem solving techniques. Three credit hours. Prerequisites and/or Special Considerations: ECO 260. Offered fall/spring semester, as needed.

MGT 302 OPERATIONS MANAGEMENT

This course provides a basic overview of the operational and managerial issues encountered in the production of goods and services. Topics include production and inventory control, investment decision making, capacity planning, logistics and transportation systems, facilities selection and layout, design, work methods, quality control, and Japanese and other contemporary methods of manufacturing. Students will be introduced to the use of quantitative techniques as decision tools for operations managers. Three credit hours. Prerequisites and/or Special Considerations: ECO 260. Offered fall/spring semester, as needed.
MGT 304 BUSINESS LAW II

This course continues the introduction of the business student to the various forms of business organizations and also emphasizes the laws of commercial paper and banking. Debtor/creditor rights and responsibilities are explored along with the rights of landlord and tenants. Topics covered include: franchises, sole proprietorships, partnerships, corporations, checks and the banking system, secured transactions, creditor’s rights and real property. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

MGT 305 MANAGEMENT SCIENCE

This course gives an in-depth look at various quantitative analytical techniques encountered in analyzing managerial problems and making effective decisions. The major topics include: linear programming, transportation, assignment, network models, project management, and decision analysis. Application of these techniques in functional areas such as production, marketing, finance, and accounting are covered. Three credit hours. Prerequisites and/or Special Considerations: ECO 260. Offered fall/spring semester, as needed.

MGT 306 BUSINESS ANTHROPOLOGY

This course is designed to examine the application of anthropological theories, methods, and knowledge to solve practical problems in today’s highly competitive business environment. Students will learn how anthropological concepts, methods, and insights can be applied to identify and solve important business problems by reviewing the major areas of business anthropology combining theoretical issues with concrete ethnographic examples. The course is an exploration of the uses of anthropology to reform culturally insensitive organizational practices in the contemporary workplace and to identify culturally appropriate preferences to guide the innovation of new goods and services in businesses. Three credit hours. Prerequisites and/or Special Considerations: INT 110 or equivalent. Offered fall/spring semester, as needed.

MGT 310 CONTEMPORARY MANAGEMENT AND LEADERSHIP

This course examines the distinct traits and roles of leaders and managers, as well as the impact of each on successfully organizing and directing a business. The role of vision, commitment, empowerment, and emotional intelligence in leadership will be analyzed and applied to various corporate situations. Traditional and contemporary management theories, a systems approach to problem solving, and the four major roles of managers will be studied and applied. A review of current management practices, including Total Quality Management and Six Sigma, will afford insights into improving overall productivity and enhancing strategic advantage. Working individually and as groups, students will apply course content to both their current business roles and to pertinent case studies. Four credit hours. Prerequisites and/or Special Considerations: previous BSM courses. Offered as needed.
MGT 321 PROFESSIONAL ETIQUETTE AND IMAGE

This course will explore the areas of business and professional etiquette and image so that students will understand and appreciate the critical role these play in the business environment. Basic skills and techniques will be discussed to enable students to better project a professional business image. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

MGT 325 INTERNATIONAL BUSINESS STRATEGY

This course will look at how firms become and remain international in scope. The course deals with the experiences of firms of all sizes, and from many countries, as they come to grips with an increasingly competitive global environment when a home market perspective is no longer enough. Through carefully selected comprehensive case studies and integrated text material, this course bridges both the internationalization process and multinational management. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

MGT 330 NEW VENTURE CREATION

This course studies the role of the entrepreneur and the small business. It concentrates on the considerations and tasks involved in starting and running a new business. Three credit hours. Prerequisites and/or Special Considerations: ACC 102, MGT 175, and MKT 220. Offered fall/spring semester, as needed.

MGT 335 ORGANIZATIONAL BEHAVIOR

This course is designed to enrich student’s understanding of behavior in organizations. Course study draws on the behavioral and social sciences to explore organizational phenomena in terms of individuals, groups, and total organizational systems. The course stresses the role leadership plays in creating effective organizations, meeting employee needs, managing power relationships, and revealing meaning in contemporary organizations. Three credit hours. Prerequisites and/or Special Considerations: MGT 175. Offered fall/spring semester, as needed.

MGT 342 PERSONAL FINANCIAL PLANNING

This course provides an overview of the financial planning process. It introduces the importance of issues affecting financial management as well as the following topics in financial planning: analyzing a financial situation; capital accumulation methods; risk management; credit management; tax management; and investment management. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

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MGT 362 INFORMATION SYSTEMS MANAGEMENT THEORY

This course provides an in-depth examination of IS organizational systems, the planning and decision processes, and how information is used for decision support in organizations. It covers quality and decision theory, information theory, and those practices essential for providing viable information to the organization. It outlines the concepts of IS for competitive advantage, data as a resource, IS and IT planning and implementation, change, and project management. Four credit hours. Prerequisites and/or Special Considerations: previous BBA/IS courses. Offered as needed.

MGT 366 ORGANIZATIONAL DEVELOPMENT AND BEHAVIOR

This case-study based course uses systems thinking to apply (advanced) organizational behavior concepts to real world problems and situations. Students will be asked to analyze the global implications of organizations, to distinguish between a business and the organization that conducts that business, and to develop proficiency in motivation and the creation of win-win environments. Students will use “framing” in decision-making models, analyze the traits of a learning organization perspective, and review the historical foundations of organizations. The final project requires synthesis of course concepts, as students act as an internal consultant to the CEO, recommending and evaluating various actions and their consequences. Four credit hours. Prerequisites and/or Special Considerations: previous BBA/IS courses. Offered, as needed.

MGT 375 PRINCIPLES OF EMERGENCY MANAGEMENT

This course introduces the principles of emergency management, including an understanding of how to perform a local hazard assessment for an organization or community, the development of a response plan, and an introduction to the management of large scale incidents. Students will examine the concept of disaster recovery for organizations and communities and the parallel concept of disaster recovery as it concerns information technology. Instruction will address the role of first responders to an incident, financing issues for emergency management, and the process of securing grants from the Department of Homeland Security. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered, as needed.

MGT 377 FIELD EXPERIENCE I

This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. It provides both an observational and “hands-on” learning experience through participation in an internship, ideally in the field in which the student will be seeking employment. Students who are already on an established career path may enhance their visibility in the organization by completion of a special project related to their careers, subject to prior instructor approval. Three credit hours. Prerequisites and/or Special Considerations: MGT 175, MKT 220, MGT 240, junior standing, and a 2.0 cumulative GPA. Offered fall/spring semester, as needed.
MGT 398 SPECIAL TOPIC IN MANAGEMENT

Topic to be specified each semester course offered.

MGT 400 FINANCIAL PLANNING

This course provides an overview of the financial planning process. It introduces the legal, ethical, and regulatory issues affecting financial planners, as well as the following topics in financial planning: analyzing a client’s financial situation, capital accumulation methods, risk management, tax management, and investment management. Three credit hours. Prerequisites and/or Special Considerations: ACC 101. Offered fall/spring semester, as needed.

MGT 410 ORGANIZATION DEVELOPMENT AND CHANGE

This course explores the technologies of organization development primarily for the manager, secondarily for the leader, consultant and/or administrator. It is directed at understanding organizational intervention technologies and how to decide which of them might be most appropriate to a particular goal or need. It relates enhanced capability, improved performance, increased integration or heightened adaptability of an organization. This course is designed for prospective general managers who are likely to be participants in steering developmental change projects, for those managers who might work with OD specialists as clients and collaborators, and for those who wish to take a first step toward obtaining professional expertise in the practice of OD consultation. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

MGT 415 DIVERSITY IN ORGANIZATIONS

Management success in the twenty-first century requires an increased ability to lead people in diverse organizations, and a greater sensitivity to differences-and similarities-in a changing workplace and customer base. This course builds awareness of the developing issues relating to diversity and inclusion, and enables students to develop skills for success in the work environment. Students will explore both visible and invisible dimensions of diversity including: race, gender, ethnicity, age, religion, cultural Background, sexual orientation, education, disabilities, and others. The course draws on research and practice from various disciplines including psychology, leadership, human resource management, law, anthropology and sociology. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

MGT 420 STRATEGIC MANAGEMENT I

The course is the first of a two course integrated capstone experience for business students that will teach managers to think and act strategically as well as prepare them for the final integration of all coursework in the second course in the series. The course focuses on how to gain competitive advantage and compete successfully in a global marketplace. Students will focus on

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the analysis of a first’s external and internal environment, corporate mission vision, objectives and goals, analysis of strategic options and implementations of strategy. The course will also emphasize the cultural, ethical, political and regulatory issues faced in the business environment as well as the need for leadership for the successful management of strategic change. Three credit hours. Prerequisites and/or Special Considerations: senior standing. Offered fall/spring semester, as needed.

MGT 421 STRATEGIC MANAGEMENT II

The second part of a two course integrated capstone experience for business students, this course will enable the student to experience the practical application of concepts learned in previous coursework. The course consists of three parts: 1. a series of case analysis discussion; 2. a business simulation game; and, 3. a final presentation. In the simulation, student teams will be responsible for developing a strategy to successfully compete with the other teams in their industry and to make all major operational decisions for their company. The final presentation should be seen as the culmination of the undergraduate business experience at Medaille College. For this presentation, student teams will do an extensive analysis of an existing business and report on their findings in both a written report to management as well as a full period presentation. It is expected that all coursework will be done to the highest professional standard. Three credit hours. Prerequisites and/or Special Considerations: MGT 420. Offered fall/spring semester, as needed.

MGT 460 BUSINESS ETHICS AND SOCIAL RESPONSIBILITY

This course explores business as a dynamic enterprise, interacting within the environment of governmental regulation, professional codes of conduct, individual personal value conflicts, and increasing social pressures. Special emphasis is placed on social responsibility and the changing environment of business operations in both the domestic and international arena. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

MGT 477 FIELD EXPERIENCE II

This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives of enhancing students’ academic and professional development and the needs of their host organization. This is a continuation of the business exposure completed in the Field Experience I. A minimum of 120 work hours is required, but the performance level of the assignment is expected to be higher than the level I assignment. Students may again elect to complete a project related to their careers, but it must be demonstrative of a higher level competence and difficulty, and approved by the program chair. Three credit hours. Prerequisites and/or Special Considerations: MGT 377, senior standing, and a 2.0 cumulative GPA. Offered fall/spring semester, as needed.

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MGT 498 INDEPENDENT STUDY IN MANAGEMENT

Topic to be specified each semester course offered.

MANAGEMENT INFORMATION SYSTEMS

MIS 240 MANAGEMENT INFORMATION SYSTEMS

This course introduces students to basic computing concepts and various business-oriented software applications. Hands-on software instructions are designed to emphasize fundamental aspects in managerial statistics and database development. The course will discuss information technology from the perspective of its potential impact upon competitive strategy and organizational operations. Students will be required to attend computer lab sessions to practice concepts learned in lectures. Three credit hours. Prerequisites and/or Special Considerations: Sophomore standing, MGT 175. Offered fall/spring semester, as needed.

Students should note that MIS 240 has been identified as a U course in the EQUIP curriculum sequence.

MIS 300 DATABASE DEVELOPMENT

Introduction to database concepts and development with an emphasis on structuring, navigating, and querying databases using host languages. Discussion and application of data structures, indexed and direct file organizations, models of data including hierarchical, network and relational. Discussion of storage devices, data administration and data analysis, design and implementation. Three credit hours. Prerequisites and/or Special Considerations: MIS 240. Offered fall/spring semester, as needed.

MIS 330 DATA COMMUNICATIONS AND NETWORKS

This course provides an overview of the telecommunications industry today. It provides background and applications which a computer information systems or business major would find valuable for local area network administration. Three credit hours. Prerequisites and/or Special Considerations: MIS 240. Offered fall/spring semester, as needed.

MIS 335 DECISION SUPPORT SYSTEMS

This course discusses the key technical and managerial issues in the effective development and use of decision support systems (DSS) in organizations. Decision support implies the use of computers to assist managers in their decision processes, support rather than replace managerial judgment; and improve effectiveness of decision making rather than just its efficiency. The course covers the tools, techniques, and theory of DSS and how they can be used to improve the quality of management decisions. Three credit hours. Prerequisites and/or Special Considerations: MIS 300. Offered fall/spring semester, as needed.

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MIS 377 FIELD EXPERIENCE I

This course provides the student with both observational and “hands-on” learning experience through participation in an internship within the MIS field. Students who are already on an established career path may enhance their visibility in the organization by completion of a special project related to their careers, subject to prior instructor approval. Three credit hours. Prerequisites and/or Special Considerations: MGT 175, MKT 220, MGT 335, MGT 240, MIS 300, junior standing, and a 2.0 cumulative GPA. Offered fall/spring semester, as needed.

MIS 398 SPECIAL TOPICS: MIS

This course explores the development of the digital systems policies and procedures needed to implement information security controls. Students will review, evaluate, and develop various types of policies, procedures, and security manuals, as well as assessing the security issues, trends, and resources most relevant for business today. Upon completion of the course, students will be able to create and defend an information security policy, identify processes to implement and enforce policy, and evaluate various security threats and risks. Students will also explore how information security must be integrated into all aspects of the business process. Program and policies will be discussed along with the mapping of the requirements for each. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

MIS 400 SYSTEMS ANALYSIS AND DESIGN

This course introduces students to the analysis and design of computer-based information systems and major computer applications. The systems development life cycle is studied. Topics include the tools and techniques of system studies, problem definition, requirements analysis, feasibility study, systems design, implementation, and systems operation and support. A portion of the course is devoted to a computer aided software engineering (CASE) tool. Three credit hours. Prerequisites and/or Special Considerations: MIS 300. Offered fall/spring semester, as needed.

MARKETING

MKT 215 SALESMAINSHP

An exploration of the sales function in an organization. This course will show the importance of sales and how the sales function relates to the overall market concept. Students will also be introduced to the basic sales process as well as the skills needed in a selling situation. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.
MKT 220 PRINCIPLES OF MARKETING

This is an introductory course which shows the importance of marketing to all organizations as well as the role marketing plays in everyday lives. The course covers the traditional market mix components of product, distribution, promotion and price all in the context of the marketing concept. Target marketing, market research and marketing ethics are also discussed. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

MKT 298 SPECIAL TOPIC IN MARKETING

Topic to be specified each semester course offered.

MKT 310 BUSINESS ADVERTISING AND PROMOTION

The purpose of this course is to acquaint students with the methods and decision making process in developing an integrated strategy involving advertising, promotions and publicity and the interrelatedness between these three specific areas. Three credit hours. Prerequisites and/or Special Considerations: MKT 220. Offered fall/spring semester, as needed.

MKT 312 CONSUMER BEHAVIOR

To study the factors that determine what, when, how, where, and why consumers purchase and use goods and services. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.

MKT 315 MARKETING MANAGEMENT AND STRATEGY

Marketing management and strategy is a concise and practical management guide to the latest ideas in marketing and strategy. In this course students will learn to ascertain market needs and to strategically plan to fill those needs while serving an increasingly diverse population. Topics will include: market analysis and measurement, competitive analysis, product strategy, promotion strategy, distribution strategy and pricing strategies for both domestic and foreign markets. Three credit hours. Prerequisites and/or Special Considerations: MKT 220, and junior standing. Offered fall/spring semester, as needed.

MKT 346 MANAGING THE MARKETING FUNCTION

This course examines the strategic role of marketing and the decision-making role of marketing managers. Emphasis is placed on how the organization seeks to understand its customers while serving increasingly diverse markets. The course is designed to enhance the student's ability to make ethical, comprehensive decisions about product distribution, product promotion, and pricing issues. The use of modern technology is explored through e-business, the Internet, globalization, and evolving and new media sources. Four credit hours. Prerequisites and/or Special Considerations: previous BBA courses Offered as needed.

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MKT 398 SPECIAL TOPIC IN MARKETING

Topic to be specified each semester course offered.

MKT 498 INDEPENDENT STUDY IN MARKETING

Topic to be specified each semester course offered.

MATHEMATICS

MAT 100 FUNDAMENTALS OF MATHEMATICS

An introductory mathematics course including topics basic to the foundations of algebra: rational numbers and integers; equations; ratio, proportion, and percents; and problem solving. Three credit hours. Prerequisites and/or Special Considerations: required for, and limited to all students who place within the specified range on the placement test. Offered fall/spring semester, as needed.

MAT 112 MATHEMATICS FOR THE SCIENCES

This course emphasizes the mathematical concepts and skills used in the science fields. Topics covered include fractions, percentage, the metric system, dimensional analysis, scientific notation, unit conversions, equations, graphs, and logarithms. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

MAT 114 INTERMEDIATE ALGEBRA

Intermediate Algebra assumes proficiency with the techniques of basic algebra. The course includes study of the algebra of functions, rational functions, solving and graphing non-linear functions, inequalities, and the complex number system. Additional topics such as matrices, sequences and series, or conic sections may be covered at the discretion of the instructor. Three credit hours. Prerequisites and/or Special Considerations: MAT 105 or higher placement. Course may not be taken out of sequence. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Quantitative Literacy

MAT 115 PRE-CALCULUS

This course combines pertinent topics from intermediate algebra and trigonometry that are necessary as fundamentals to master subsequent course study in calculus. Three credit hours. Prerequisites and/or Special Considerations: MAT 114 or placement. Course may not be taken out of sequence. Offered fall/spring semester, as needed.
MAT 117 MATHEMATICS FOR THE APPLIED SCIENCES

This course emphasizes the mathematical concepts and skills used in the science fields. Topics covered include fractions, percentage, the metric system, dimensional analysis, scientific notation, unit conversions, equations, graphs, and logarithms. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

MAT 121 MATHEMATICAL APPLICATIONS

This course is an introduction to the basic mathematical concepts, techniques, and applications associated with the fields of business and management. Topics include the algebra of linear equations, graphing, compound interest, set theory, and mathematical reasoning. Four credit hours. Prerequisites and/or Special Considerations: previous sequences of ASB courses. Offered as needed.

MAT 125 CONCEPTS IN MATHEMATICS I

This is a course in a two semester sequence designed for Elementary Education majors and students seeking a broader understanding of the field of mathematics. Topics covered in this course include problem solving, numeration systems, arithmetic operations, fractions, and elementary number theory. Three credit hours. Prerequisites and/or Special Considerations: completion of MAT 105 or higher placement. Offered fall/spring semester, as needed.

MAT 126 CONCEPTS IN MATHEMATICS II

This is a course in a two semester sequence designed for Elementary Education majors and students seeking a broader understanding of the field of mathematics. Topics covered in this course include decimals, ratio and proportional relationships, integers, real numbers, probability, measurement, dimensional analysis, and data analysis. Three credit hours. Prerequisites and/or Special Considerations: completion of MAT 105 or higher placement. Offered fall/spring semester, as needed.

MAT 151 COLLEGE GEOMETRY AND TRIGONOMETRY

This course is an introductory study of the structures of Geometry and Trigonometry. Topics covered will include Trigonometric Functions, Complex Numbers, Constructions, Symbolic logics and Proofs, Synthetic and Metric Axioms, Circles, and Analytic Geometry. Three credit hours. Prerequisites and/or Special Considerations: MAT 114, or completion of appropriate high school Math course with a grade of C or better. Offered fall/spring semester, as needed.

MAT 152 COLLEGE GEOMETRY

This course is an introductory study of the structures of geometry. It is designed for Elementary Education majors and students seeking a broader understanding of the area of geometry. Topics
covered in this course include two- and three-dimensional geometric shapes, perimeter, area, volume, congruence and similarity, coordinate geometry, and transformations. Three credit hours. Prerequisites and/or Special Considerations: MAT 114 or higher placement. Offered fall/spring semester, as needed.

MAT 182 DISCRETE MATHEMATICS

This course is an introduction to non-continuous mathematics. Topics will include Logic, Proof, Matrices, Linear Programming, Counting, and Functions. Three credit hours. Prerequisites and/or Special Considerations: MAT 115 or higher placement. Offered fall/spring semester, as needed.

MAT 201 STATISTICS AND SOCIETY

An introduction to data collection and interpretation, measurement, variability, survey and experiment design, statistical summarization, and statistical inference. Three credit hours. Prerequisites and/or Special Considerations: completion of MAT 105 or higher placement. Offered fall/spring semester, as needed.

MAT 203 STATISTICS FOR TODAY’S BUSINESSES

This course presents an introduction to data collection and interpretation, descriptive and inferential statistics, sampling, hypothesis testing, and probability distribution as they apply to business planning and decision making. Emphasis is placed on the use of statistical software for data analyses and the ethical uses of statistics. Four credit hours. Prerequisites and/or Special Considerations: completion of MAT 105 or higher placement. Offered as needed.

MAT 205 MATH FOR INFORMATION SYSTEMS

This course provides a survey of college mathematics with emphasis placed on the nature of mathematics, problem solving, and thinking patterns. Topics covered will be selected from the areas of algebra, geometry, systems of numeration and unit analysis. Mathematical topics integral to computing are also covered, including Boolean logic and algorithmic analysis. Students will apply concepts to individual and group problem solving. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

MAT 216 SURVEY OF INTRODUCTORY CALCULUS AND ITS APPLICATIONS

This course introduces the techniques of differential and integral calculus and illustrates these ideas with practical applications from the social, managerial, and life sciences with special emphasis on business and economics. Three credit hours. Prerequisites and/or Special Considerations: MAT 115 or placement. Course may not be taken out of sequence. Offered fall/spring semester, as needed.

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MAT 250 OPERATIONS ANALYSIS AND MODELING

This course is an introduction to the modeling of certain operational features common to business and information systems management. The focus will be on scheduling models, allocation models, queuing models, and inventory models. The models will provide mathematical information which can be used in the decision-making processes needed to solve large-scale problems. Emphasis is on problem formulation and experimentation with “naive” methods of solution; microcomputer software will be used to solve problems representative of the real world. Three credit hours. Prerequisites and/or Special Considerations: completion of MAT 114 or higher placement, and CIS 115 or CIS 120. Offered fall/spring semester, as needed.

MAT 251 CALCULUS I

Calculus I is the first course of a three semester sequence in Calculus, covering differentiation with applications, including transcendental functions. Three hours of lecture and one hour of lab/recitation per week. Three credit hours. Prerequisites and/or Special Considerations: MAT 115 or higher placement. Offered fall/spring semester, as needed.

MAT 252 CALCULUS II

Calculus II is the second of a three course sequence in Calculus. The course covers integration, including transcendental functions, methods of integration, sequences, and series with applications. Three hours of lecture and one hour of lab/recitation per week. Three credit hours. Prerequisites and/or Special Considerations: MAT 251 or MAT 216. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture MAT 252 and the lab MAT 252L is required.

MAT 255 THEORY OF NUMBERS

This course is an introduction to the theory of numbers. Topics will include Prime Numbers, Divisibility, Congruencies, and Powers of an Integer Modulo m, Quadratic Reciprocity, Greater Integer Function, and Diophantine Functions. Three credit hours. Prerequisites and/or Special Considerations: MAT 151 and MAT 182. Offered fall/spring semester, as needed.

MAT 260 LINEAR ALGEBRA

This course is an introduction to linear algebra. The topics covered will include Systems of Linear Equations, Vectors and Vector Spaces, Linear Transformations, Linear Dependence, Matrices, Determinants, Basis and Dimensions, Eigenvectors and Invariant Spaces. Three credit hours. Prerequisites and/or Special Considerations: MAT 251. Offered fall/spring semester, as needed.
MAT 261 CALCULUS III

Calculus III extends the concepts of calculus in one variable to the calculus of several variables. Course topics include: vectors in the plane and space; 3-dimensional coordinate system; vector-valued functions; differential geometry; partial differentiation; and multivariable calculus. Three credit hours. Prerequisites and/or Special Considerations: MAT 252. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture MAT 261 and the lab MAT 261L is required.

MAT 298 SPECIAL TOPIC IN MATHEMATICS

Topic to be specified each semester course offered.

MAT 342 ABSTRACT ALGEBRA

The main goal of this course is to expose the student to the abstract concepts of algebra. The topics include sets, relations, mappings, groups, rings, isomorphism, homomorphism, polynomial ring, ideal, vector spaces, and linear independence. Three credit hours. Prerequisites and/or Special Considerations: MAT 260 and MAT 255. Offered fall/spring semester, as needed.

MAT 361 DIFFERENTIAL EQUATIONS

A first course in ordinary differential equations from analytic, geometric, numeric, and applied perspectives (including the use of modern computational technology as appropriate). Topics include exact, separable, and linear equations; initial-value and boundary-value problems; system of first-order equations; undetermined coefficients; variation of parameters; and series solutions. Three credit hours. Prerequisites and/or Special Considerations: MAT 261. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture MAT 361 and the lab MAT 361L is required.

MAT 381 STATISTICS AND PROBABILITY I

This course introduces students to descriptive statistics, elementary probability theory and counting techniques, random variables, probability distributions, normal distributions, confidence intervals and hypothesis testing. The topics of the course will be presented at a level of depth that is appropriate to mathematics majors. Students will also learn to apply technology to problem solving in statistics. Three credit hours. Prerequisites and/or Special Considerations: MAT 115 or higher placement. Offered fall/spring semester, as needed.

**Note: Registration for both lecture MAT 381 and lab MAT 381L is required.
MAT 382 STATISTICS AND PROBABILITY II

This course focuses on the process of statistical inference, presenting confidence intervals and hypothesis testing for two populations, chi-square procedures, linear and nonlinear regression, and one-way analysis of variance. The topics of the course will be presented at a level of depth that is appropriate to mathematics majors. Students will also apply technology to problem solving in statistics. Three credit hours. Prerequisites and/or Special Considerations: MAT 381, or MAT 201, minimum of grade B recommended. Offered fall/spring semester, as needed.

**Note: Registration for both lecture MAT 382 and lab MAT 382 is required.

MAT 398 SPECIAL TOPIC IN MATHEMATICS

Topic to be specified each semester course offered.

MAT 421 REAL VARIABLES

This course will present the formal concepts of calculus. The topics include real numbers, one variable functions, continuity, derivatives, and Riemann integral and infinite series. Three credit hours. Prerequisites and/or Special Considerations: MAT 255 and MAT 261. Offered fall/spring semester, as needed.

MAT 442 COMPLEX ANALYSIS

This course will expose the students to the useful concepts of complex numbers, complex functions and their applications. The topic includes complex number, complex plane, analytic functions, their derivatives, Cauchy integral theorem, Cauchy-Riemann differential equations, power series, and residues. Three credit hours. Prerequisites and/or Special Considerations: MAT 342 and MAT 421. Offered fall/spring semester, as needed.

MAT 450 TOPOLOGY

This course will introduce the ideas of continuity, convergence, connectedness in a topological space, metric space, knot, manifold, and surface. Prerequisites and/or Special Considerations: MAT 255 and MAT 261. Three credit hours. Offered fall/spring semester, as needed.

MAT 498 INDEPENDENT STUDY IN MATHEMATICS

Topic to be specified each semester course offered.
MUSIC

MUS 305 CLASSICAL MUSIC STUDIES

This course will provide an analysis and examination of Western music from the Middle Ages to the 20th century, investigating how music affects society and how society shapes musical ideas. Musical ideas will be presented in their proper context and serve as a basis for understanding wider trends in Western Civilization. The inter-relationships between classical music and society will be surveyed. In addition, the correlation between music and the other fine arts will be identified. The course will also consider the role of technology in shaping classical music and how technology affects how music is apprehended. The course will also explore the ways in which, as a non-conversational form of communication, music conveys ideas. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Global Dialogues” requirement of the General Education Core.

PHILOSOPHY

PHI 100 NATURE OF MAN

The course introduces students to rival theories of human nature: instinct, genetic, behaviorist, interactionist; demonstrates how these theories influence social, political and educational policy; and teaches students how to critically evaluate rival theories. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PHI 101 INTRODUCTION TO PHILOSOPHY

This course is an introduction to philosophical problems, methods, and areas of interest. Topics may include the nature of reality, theory of knowledge, the existence and nature of God, the idea of beauty, personal and social ethics, political philosophy, the mind-body problem, freedom and determinism, and personal identity. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PHI 170 ISSUES IN PHILOSOPHY

This is a course in applied philosophy. The philosophical perspectives of important thinkers are used to examine issues that dramatically affect the direction and quality of everyday lives. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.
PHI 190 ETHICAL ISSUES FOR TODAY

This course examines the ways in which ethical philosophies affect our day-to-day choices and decisions. Various theories of ethics and morality are analyzed; students apply concepts to case studies, simulations, and real world situations. Students analyze their personal values, articulate a personal moral code, examine the role of ethics in today’s professions, and define and defend right and wrong behavior. Course concepts include normative and applied ethics, the history of moral philosophy, and major figures and theories. Variable, three to four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

PHI 200 LOGIC

This course introduces the student to informal and formal reasoning and the principles of scientific reasoning. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PHI 201 FORMAL LOGIC

This course offers a fundamental study of the techniques of formal reasoning. After an introduction to basic argument identification and analysis procedure, students will develop formal tools for analyzing and evaluating arguments in the categorical and propositional systems of logic, paying special attention to the relationship between natural language and its expression in categorical and propositional notation. Selected problems in the history and philosophy of logic shall also be considered. Three credit hours. This course is designed to support programs of study in Secondary Education and Mathematics. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PHI 298 INDEPENDENT STUDY IN PHILOSOPHY

Topic to be specified each semester course offered.

PHI 300 ETHICS

The course examines rival theories of making ethical choices, clarifies what theories of human nature and self they presuppose and directly tests their workability by requiring students to use them to resolve conflicts of values, personal and interpersonal. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PHI 358 TRUTH AND JUSTICE

This course surveys philosophical questions, theories, and arguments about truth and justice. It also explores applications of these ideas in contemporary everyday examples. Three central questions focus the course: What is truth? What is justice? What is the relationship between truth and justice? It will focus on European and American philosophical traditions, incorporating the
Classical tradition of Plato and more recent thinkers like Martin Heidegger and Michel Foucault. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

Students should note that this course satisfies the “Global Dialogues” requirement of the General Education Core.

**PHI 368 THE AMERICAN CITY**

What is a city? An *American* city? This course explores such questions through readings, discussions, field trips, and site visits. Using local examples, the urban environment, and the ways in which American cities have developed and could develop are examined critically. The course will advance what Charles Landry calls “urban literacy,” deepening the understanding of cities and their place in American society. This course may be used as an upper-level Liberal Arts and Sciences Elective. Three credit hours. Prerequisites and/or Special Considerations: ENG 110 or equivalent. Offered fall/spring semester, as needed.

**PHI 398 INDEPENDENT STUDY IN PHILOSOPHY**

Topic to be specified each semester course offered.

**PHI 450 POLITICAL AND SOCIAL PHILOSOPHY**

The political and social philosophies of important thinkers representative of distinct schools of thought are developed and used to examine important political, social, and legal issues. Three credit hour. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

**PHI 498 INDEPENDENT STUDY IN PHILOSOPHY**

Topic to be specified each semester course offered.

**PHYSICAL EDUCATION**

**PED 110 BEGINNING GOLF**

This course emphasizes the fundamental techniques, skill, strategy, and rules in playing the game of golf. One credit hour. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.
PED 111 BEGINNING TENNIS

This course emphasizes the fundamental techniques, skill, strategy, and rules in playing the game of tennis. One credit hour. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PED 112 BEGINNING AEROBICS

This course deals with aerobics and exercise as a form of preventive and rehabilitative medicine. The emphasis is on basic concepts related to aerobics and fitness. Personal fitness means a form of self-motivated, systematic participation in exercise that is geared toward improvement in one’s quality of living. One credit hour. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PED 113 SELF DEFENSE

This course emphasizes the fundamental techniques, skills, and strategy of self-defense. One credit hour. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PED 114 RESPONDING TO HEALTH EMERGENCIES

This course will provide emergency health care instruction for common illnesses and injuries. Successful completion of this course will result in American Red Cross certification in cardiopulmonary resuscitation of the adult, child, and infant as well as Standard First Aid certification. This course would be useful for anyone teaching, coaching, or working with the public. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PED 298 SPECIAL TOPIC IN PHYSICAL EDUCATION

Topic to be specified each semester course offered.

PHYSICS

PHY 104 PHYSICAL SCIENCE

This course is designed to introduce the non-science student to the nature of physical reality and the physical laws which govern the universe. Contemporary applications in physics, chemistry, geology, and astronomy will be discussed as well as new frontiers in scientific thought. A laboratory will introduce students to the use of the scientific method by combining experiments, observations, measurements and analysis. Three credit hours. Prerequisites and/or Special Considerations: completion of MAT 114 or higher placement. Offered fall/spring semester, as needed.
**Note: Registration for both the lecture PHY 104 and the lab PHY 104L is required.**

**PHY 200 PRINCIPLES OF PHYSICS I**

This course is an introduction to the underlying principles of physics that govern behavior in the physical world. The topics of mechanics, heat, and waves will be covered. Emphasis will be placed on applications and problem solving. Four credit hours. Prerequisites and/or Special Considerations: completion of MAT 115 or placement in MAT 216. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture PHY 200 and the lab PHY 200L is required.**

**PHY 201 PRINCIPLES OF PHYSICS II**

This course is a continuation of Principles of Physics I. The topics of electricity, magnetism, light, optics, and modern physics will be covered. Emphasis will be placed on applications and problem solving. Four credit hours. Prerequisites and/or Special Considerations: PHY 200. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture PHY 201 and the lab PHY 201L is required.**

**PHY 498 INDEPENDENT STUDY IN PHYSICS**

Topic to be specified each semester course offered.

**POLITICAL SCIENCE**

**POL 100 INTRODUCTION TO POLITICAL SCIENCE**

Introduction to Political Science will focus upon political theory and its application to individuals, nations and the international arena. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**POL 101 UNITED STATES GOVERNMENT**

An overview of the Constitutional basis, structure, and administrative organization of government in the U.S. Principal focus will be on the national government; various contemporary political problems will be explored. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.
**POL 201 JUDICIAL SYSTEM IN U.S. POLITICS**

Introductory survey of the major components of the courts and judicial system at the national, state and local levels. Topics may include criminal justice, factors influencing judicial decision-making and the courts in relation to other government agencies. Three credit hours. Prerequisites and/or Special Considerations: POL 101. Offered fall/spring semester, as needed.

**POL 203 LEGISLATIVE PROCESS IN U.S. POLITICS**

An analysis of the nature and functions of U.S. legislative bodies. Some of the topics covered may include politics of lawmaking, oversight and investigations, legislative campaigns, role of lobbying, and the budgetary process. Three credit hours. Prerequisites and/or Special Considerations: POL 101. Offered fall/spring semester, as needed.

**POL 207 THE EXECUTIVE OFFICE IN U.S. POLITICS**

A course which covers the evolution and development of the executive function of government at the national, state and local levels. Emphasis will be placed on analyzing leadership, power, and managerial skills. Special attention will be devoted to the U.S. Presidency. Three credit hours. Prerequisites and/or Special Considerations: POL 101. Offered fall/spring semester, as needed.

**POL 210 WORLD POLITICS**

This course introduces the study of political science in a global context. Aristotle called political science “the master science” not only because political actors decided a great many practical matters, but because he believed that politics was about attaining justice, arête (human excellence), and Eudaimonia (well-being or goodness) for entire societies. This course will approach politics as this nexus of practical, moral, and philosophical concerns by investigating enduring political questions, such as: What is justice?, What is the best society?, How should citizens and states interact?, How and where does power operate?, What does it mean to be modern?, and What does globalization portend? This course will attempt to answer these questions by reading, analyzing, and discussing political arguments from a wide variety of traditions, times, and places. And students will always consider the relationships between the past and the present, the local and the global, and the theoretical and the practical. Three credit hours. Prerequisites and/or Special Considerations: POL 100. Offered fall/spring semester, as needed.

**POL 217 PUBLIC ADMINISTRATION**

Analysis of the principles of public administration with an introduction to theories of organization and administration as they apply to government bureaucracy. Three credit hours. Prerequisites and/or Special Considerations: POL 101. Offered fall/spring semester, as needed.
POL 240 COMPARATIVE STATE AND LOCAL GOVERNMENT

Comparative analysis of formal and informal institutions and processes by which state and sub-state governments operate. Various problems and issues confronting state and local governments will be covered. Three credit hours. Prerequisites and/or Special Considerations: POL 101. Offered fall/spring semester, as needed.

POL 298 SPECIAL TOPIC IN POLITICAL SCIENCE

Topic to be specified each semester course offered.

POL 300 AFRICAN POLITICAL SYSTEMS

The general stages of African political systems that will be studied include traditional African political systems and European imperialism. Some of the themes that will be examined include: tribalism; the dynamics of nationalism; Pan-Africanism; and the effects of multinational corporations on political, economic, and cultural development of various African countries. Three credit hours. Prerequisites and/or Special Considerations: POL 100. Offered fall/spring semester, as needed.

POL 310 COMPARATIVE POLITICAL SYSTEMS

A study of political ideologies and systems functioning today; comparison of different political systems. Three credit hours. Prerequisites and/or Special Considerations: HIS 100 and POL 100. Offered fall/spring semester, as needed.

POL 320 INTERNATIONAL LEGAL SYSTEM

This course provides an introduction to international legal systems and investigates how those legal systems affect the administration of Homeland Security in the United States. The course will examine how the United States interacts with the world community in a legal sense. Students will explore the multiple forums that apply to international legal issues and the ways in which these forums complicate the imposition of Homeland Security processes by the United States. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered as needed.

POL 321 THE CONSTITUTION AND PATRIOT ACT

This course provides the student with a solid introduction to and understanding of the Constitution of the United States and its relationship to issues involving Homeland Security. Students will examine the Patriot Act and discuss related issues involving civil liberties and civil rights. Course topics include the roles of federal, state and local law enforcement authorities, as well as the effect of the Patriot Act on the investigation and dismantling of terrorist
organizations. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered as needed.

**POL 330 AFRICAN-AMERICAN POLITICS**

African-American Politics will examine Blacks’ political attitudes, voting behavior, organizational strategies, ideology, and their influence on public policy. Study and analysis in these areas will be with an eye to how the legal system systematically restricted and expanded the civil and human rights of Blacks in America. Three credit hours. Prerequisites and/or Special Considerations: POL 100. Offered fall/spring semester, as needed.

**POL 340 SYSTEMS OF INTERNATIONAL TERRORISM**

The course will examine international terrorism in detail, including the definition, origins, history, tactics and behavior of international terrorists. Students will compare and contrast motivation, specifically the differences between politically motivated terrorists, nationally or ethnically motivated terrorists, and religiously motivated terrorists. The course will also examine terrorist networks and the financing of international terrorism. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered as needed.

**POL 341 SYSTEMS OF DOMESTIC TERRORISM**

The course will examine domestic terrorism in detail, including the origins of terrorism within the United States as well as a definition and explanation of the tactics and behaviors of domestic terrorists. The course will attempt to classify terrorism within the area of criminal justice by exploring the definition and differences between terrorist acts and non-terrorist related criminal acts. The course will provide an introduction to related concepts such as eco-terrorism, militias, conspiracies and anti-abortion violence. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered as needed.

**POL 398 SPECIAL TOPIC IN POLITICAL SCIENCE**

Topic to be specified each semester course offered.

**POL 422 INTERNATIONAL POLITICAL SYSTEMS AND HOMELAND SECURITY**

This course provides an introduction to and overview of international political systems and focuses on the manner in which those political systems affect the Homeland Security of the United States. Course activities will examine the ways in which the United States interacts with the world community economically, politically, and socially. Students will evaluate the ways in which national interests, diplomacy, and economic power complicate the imposition of Homeland Security processes by the United States. Four credit hours. Prerequisites and/or Special Considerations: previous BSHS courses. Offered as needed.
POL 498 INDEPENDENT STUDY IN POLITICS

Topic to be specified each semester course offered.

PSYCHOLOGY

PSY 100 INTRODUCTION TO PSYCHOLOGY

An introduction to the science of psychology, including how psychological data are gathered and applied to every-day life. Topics covered each semester include (but are not limited to) the amazing brain, intelligence, learning and memory, psychopathology, the senses and sexually dimorphic differences. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

PSY 101 INTRODUCTION TO PSYCHOLOGY

This course provides an introduction to the science of psychology, including how psychological data are gathered and applied to everyday life. Topics covered include the amazing brain, intelligence and thinking, learning and memory, social psychology, motivation, emotions and stress, personality and psychopathology, the senses and perception. Four credit hours. Prerequisites and/or Special Considerations: previous ASB courses. Offered as needed.

PSY 207 PSYCHOLOGICAL STATISTICS

This course surveys both descriptive and inferential statistical techniques commonly used in psychology, education, and the behavioral and social sciences. Emphasis is placed on methods and procedures involved in handling, analyzing and presenting data. Three credit hours. Prerequisites and/or Special Considerations: MAT 105 or above. Offered fall/spring semester, as needed.

PSY 210 CHILD DEVELOPMENT

Presents foundations of child development through adolescence, based on consideration of culture, theories of development, genetics, prenatal influences, bonding, and socialization influences. Emphasis on the impact of role models in establishing relationships, setting limits, and moral development. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.

PSY 230 BIOPSYCHOLOGY

Biological psychologists strive to explain behavior in terms of its physiology, development, evolution, and function. This course focuses on the biological mechanisms that are most relevant to key issues in psychology topics such as the mind-body problem, the development of learning and memory, sexual behavior, homeostatic regulation, recovery from brain damage,
neuroanatomy, depression, and schizophrenia. Three credit hours. Prerequisites and/or Special Considerations: PSY 100 or BIO 160 or BIO 161. Offered fall/spring semester, as needed.

**PSY 240 ADOLESCENCE**

This course applies general principles and theories of development to the adolescent period. Topics include physiological change, cognitive development, social relations, identity, and issues of adolescence. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.

**PSY 247 COGNITIVE PSYCHOLOGY**

Cognitive psychology takes an information-processing approach to human behavior, including how humans interpret and understand the environment, how memory processes work, and how humans acquire language. Emphasis is placed on such topics as intelligence and creativity, personal cognition and applied cognitive psychology. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**PSY 250 RESEARCH METHODS IN PSYCHOLOGY**

This course introduces students to methodology used in the research process, including inductive and deductive reasoning, hypothesis generation, theory formation and analysis of empirically collected data. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

*This course emphasizes the following Essential Learning Outcomes for Medaille College: Oral Literacy*

**PSY 298 SPECIAL TOPIC IN PSYCHOLOGY**

Topic to be specified each semester course offered.

**PSY 300 ORGANIZATIONAL PSYCHOLOGY**

Organizational psychology can be divided into three levels of thought, inquiry and action. This course will focus on these divisions and incorporate the theories, research and practices of organizational psychologists. Emphasis is placed on behavior of individuals within organizations and principles of industrial psychology. Three credit hours. Prerequisites and/or Special Considerations: PSY 100, or junior standing. Offered fall/spring semester, as needed.

**PSY 310 SOCIAL PSYCHOLOGY**

Social psychology is the study of how an individual’s behaviors, feeling and thoughts are influenced, or determined, by the behaviors and/or characteristics of others. Topics covered each semester include attraction and love, prejudice, attitudes, conformity, altruistic behaviors, and

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PSY 320 HEALTH PSYCHOLOGY

Health psychology deals with an understanding of the psychological influences on how people stay healthy, why they become ill, and how they respond when they do get ill. Topics covered include preventive health behaviors and their modifications, the mind-body relationship, stress and illness, stress reduction, the patient in treatment settings, the management of pain and discomfort, and coping with chronic illness. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.

PSY 321 BEHAVIORAL NEUROSCIENCE

In recent years, the fields of biology and psychology have increasingly found common ground; this convergence of disciplines defines the field of neuroscience. By drawing upon current research findings, this course will introduce students to the major issues in neuroscience, from molecular biology to clinical science. Three credit hours. Prerequisites and/or Special Considerations: PSY 230. Offered fall/spring semester, as needed.

PSY 349 PSYCHOLOGY OF ADULTHOOD

The purpose of this course is to help the student understand the adulthood years mainly from the developmental perspective including the critical importance of the biological, social, psychological and environmental factors. This course will deal with the last three stages in the life cycle—young adulthood, middle, and aging. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.

PSY 350 PSYCHOLOGY RESEARCH AND WRITING

The purpose of this course is to increase student proficiency in three major areas. First, this course emphasizes the development of skills to obtain, interpret, and critically evaluate research in psychology and closely related disciplines. Second, current writing standards set by the American Psychological Association (APA) will be presented, practiced, and mastered. Third, emphasis will be placed on appropriately using the psychological literature to construct a written report using APA format. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent, PSY 100, PSY 250, or concurrently with PSY 250. Offered fall/spring semester, as needed.

PSY 351 DRUGS AND BEHAVIOR

The purpose of this course is to introduce the student to the field of psychopharmacology, with special emphasis placed on the relationships between drugs, their mechanisms of action in the
nervous system, and human behavior. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.

**PSY 368 HISTORY AND SYSTEMS OF PSYCHOLOGY**

A study of the history of psychology highlighting people, ideas, and schools of thought. Individuals and contextual forces influencing the history of psychology will be emphasized. Three credit hours. Prerequisites and/or Special Considerations: PSY 100, or junior standing. Offered fall/spring semester, as needed.

**PSY 370 ABNORMAL HUMAN BEHAVIOR**

This course is for upper-level students who wish to learn about the field of abnormal behavior. Topics include: theories of abnormality, its causes and treatment; classification systems and conditions, such as anxiety disorders, affective disorders, personality disorders, dissociative and somatoform disorders, psychosexual disorders, substance abuse and schizophrenia. Three credit hours. Prerequisites and/or Special Considerations: PSY 100, and junior standing. Offered fall/spring semester, as needed.

**PSY 377 UNDERGRADUATE INTERNSHIP**

Students will complete 90 contact hours at an approved organization, plus on-campus supervision as assigned. Internships are designed to furnish the student with the opportunity to apply theory to practice in an applied setting consistent with the student’s career goals. Internships require instructor approval prior to beginning any work at the field placement organization. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

**PSY 379 PARAPSYCHOLOGY AND PSEUDOSCIENCE**

A critical look into parapsychology and other pseudo-sciences. Specifically, this course will examine historical and current evidence given in the search for parapsychological phenomena such as extra sensory perception, telepathy, clairvoyance, and the validity of horoscopes. Also, current controversies in the psychological and medical literature will be addressed on such topics as repressed memories, multiple personality disorder, and touch therapy. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.
PSY 385 SPORT PSYCHOLOGY

This course introduces students to the latest research and practices in applied sport psychology. Topics include cognitive techniques for building confidence and enhancing performance, concentration and attention control training, sport participation and youth development, team building strategies, motivation in sports and coaching concepts and strategies. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.

PSY 398 SPECIAL TOPIC IN PSYCHOLOGY

Topic to be specified each semester course offered.

PSY 411 PSYCHOLOGY CAPSTONE

This seminar course gives students the opportunity to integrate their course work with individual research projects. Each student is responsible for the production, presentation, and defense of a research paper which addresses a specific topic within the discipline of psychology. Research projects must demonstrate significant knowledge within the selected topic area, an understanding of its place in an integrated intellectual framework, and a high level of skill development. Applying APA writing style will be emphasized. Three credit hours. Prerequisites and/or Considerations: PSY 350, and GEN 410 or equivalent. Offered fall/spring semester, as needed.

** Note: This course can serve as a substitute for GEN 411 for students that have selected a psychology topic and meet the prerequisites. If a student successfully completes GEN 411, the student may still take PSY 411 and it will count as a PSY upper-level elective.

Students should note that this course satisfies the “Citizenship Dialogues” requirement of the General Education Core.

PSY 420 PERSONALITY

Personality explores concepts and theories which have been formulated to explain and predict individual differences in behavior. Topics include: psychoanalytic theories, biological, social learning, and humanist theories as well as methods of personality assessment. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.

PSY 421 PSYCHOLOGICAL ASSESSMENT

This course provides students with a current analysis of the most widely used psychological tests in schools, professional training programs, business, industry, and the military and clinical settings. Applications of the tests and examination of the issues shaping the future of testing will be emphasized. Three credit hours. Prerequisites and/or Special Considerations: PSY 100. Offered fall/spring semester, as needed.
PSY 477 UNDERGRADUATE INTERNSHIP IN PSYCHOLOGY II

This second Psychology internship course offers students a structured, supervised opportunity to design their own learning within the content of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. It is expected that students will apply the skills acquired from PSY 377. Students will complete 90 contact hours at an approved organization, plus on-campus supervision as assigned. Internships are designed to furnish the student with the opportunity to apply theory to practice in an applied setting consistent with the student’s career goals. Internships require instructor approval prior to beginning any work at the field placement organization. Three credit hours. Prerequisites and/or Special Considerations: completion of PSY 377. Offered fall/spring semester, as needed.

PSY 498 INDEPENDENT STUDY IN PSYCHOLOGY

Topic to be specified each semester course offered.

SOCIAL SCIENCES

SSC 200 HUMAN RELATIONS

This course integrates theory with experience in order to enhance self-awareness, self-concept and the ability to maximize interpersonal effectiveness. A primary emphasis of the course is on developing specific interpersonal skills through the effective use of communication techniques such as listening, observing, paraphrasing and perception checking. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

SSC 210 THE HISTORY AND CONTRIBUTIONS OF AFRICAN-AMERICAN WOMEN

This course provides an exploration into the political, social, cultural and historical struggles faced by African-American women in the United States. Emphasis will be placed upon the unrecognized accomplishments of African-American women. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

SSC 268 SEMINAR ON ALCOHOL AND DRUGS

An opportunity for students to attempt to understand the nature of the contemporary drug/alcohol problem; preparation for dealing objectively with the complex nature of drug/alcohol abuse. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.
**SSC 298 SPECIAL TOPIC IN SOCIAL SCIENCES**
Topic to be specified each semester course offered.

**SSC 398 SPECIAL TOPIC IN SOCIAL SCIENCES**
Topic to be specified each semester course offered.

**SSC 477 FIELD EXPERIENCE**
This course provides the student with both observational and “hands-on” learning experience through participation in an internship, ideally in the field in which the student will be seeking employment. For example, students may work at anthropological sites, historical organizations, legal services, or law enforcement agencies. Students who are already on an established career path may enhance their visibility in the organization by completion of a special project related to their careers, subject to prior approval by the appropriate Medaille College assigned faculty instructor. Students will complete 30 contact hours per credit hour at an approved organization, plus on-campus supervision as assigned. Internships are designed to furnish the student with the opportunity to apply theory to practice in an applied setting consistent with the student’s career goals. Internships require instructor approval prior to beginning any work at the field placement organization. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. One to nine credit hours. Prerequisites and/or Special Considerations: senior standing. Offered fall/spring semester, as needed.

**SSC 498 INDEPENDENT STUDY IN SOCIAL SCIENCES**
Topic to be specified each semester course offered.

**SOCIOMETRY**

**SOC 100 INTRODUCTION TO SOCIOLOGY**
An introduction to the fundamental concepts of sociology and application to specific areas of sociology such as the scientific method, culture and society, and socialization. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**SOC 121 SOCIOLOGY**
A survey of the major issues and ideas in Sociology, including basic concepts and theories; as well as an examination of major social institutions, the dynamics and processes of social interaction and structure and organization of social groups. Three credit hours. Prerequisites and/or Special Considerations: none. as needed.

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SOC 201 GENDER ROLES IN AMERICAN SOCIETY

An introduction to the roles, functions, and emerging consciousness of women in American society; historical, psychological, and sociological background. Three credit hours. Prerequisites and/or Special Considerations: SOC 100. Offered fall/spring semester, as needed.

SOC 240 FAMILY IN SOCIETY

The main trends of theoretical and practical analysis of the family: its history, life cycle, and various aspects and elements, including the use of real-life family interviews. Three credit hours. Prerequisites and/or Special Considerations: SOC 100. Offered fall/spring semester, as needed.

SOC 280 VIOLENCE AND CIVIL DISOBEDIENCE IN AMERICA

An examination of violence and civil disobedience as important elements in the historical development of the nation. Three credit hours. Prerequisites and/or Special Considerations: SOC 100. Offered fall/spring semester, as needed.

SOC 281 MULTI CULTURAL DIVERSITY

This course is intended for Criminal Justice and other majors that are committed to societal service. It is designed to prepare students to effectively interact and understand a variety of diverse people within mainstream society. The course will offer students opportunities to engage in different experiences related to multicultural and diverse populations through in-depth study and practical research based applications along with service learning opportunities. Students will acquire a more integrated approach and knowledge of diverse groups through greater interaction and discussion of contemporary issues confronting diversity within society. Attention will be placed on students becoming better consumers of information from and about people of diverse populations through sensitivity workshops and training which are intended to positively affect their personal and professional attitudes and behaviors within their respective career fields. Skill application will be stressed through realistic practice exercises. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

Students should note that this course has been identified as a U course in the EQUIP curriculum sequence.

SOC 298 SPECIAL TOPIC IN SOCIOLOGY

Topic to be specified each semester course offered.

SOC 301 SPORTS IN SOCIETY

An introduction to the fundamental concepts of sport as it relates to the larger society such as economics, politics, race relations and gender roles. Students will explore societal trends related
to sport, youth development and social responsibility. Socio-cultural dimensions of sport will also be reviewed. Three credit hours. Prerequisites and/or Special Considerations: SOC 100, or junior standing. Offered fall/spring semester, as needed.

**SOC 311 A LIFESPAN VIEW OF FAMILY VIOLENCE**

This course is an introduction to the study of family violence. It is intended for Criminal Justice and other majors that are committed to societal service. It provides essential information about the causes, consequences, and contextual factors associated with family violence. Additionally, attention will be given to the multiple intervention systems that seek to prevent family violence and offer treatment when it occurs. The course will apply life-span and multi-disciplinary perspectives to the subject and emphasize community based solutions. Three credit hours. Prerequisites and/or Special Considerations: PSY 100 and SOC 100. Offered fall/spring semester, as needed.

**SOC 315 WOMEN’S STUDIES**

A study of the roles, functions and status of women in society; their evolving participation in education, politics, business as well as their changing roles in the family. The history of women’s roles in society will be explored, resulting in a better understanding of recent developments and continued issues involving women. Three credit hours. Prerequisites and/or Special Considerations: SOC 100. Offered fall/spring semester, as needed.

**SOC 398 SPECIAL TOPIC IN SOCIOLOGY**

Topic to be specified each semester course offered.

**SOC 401 SOCIAL PROBLEMS**

An examination and study of current social problems including racism, poverty, sexism, population, etc. Three credit hours. Prerequisites and/or Special Considerations: SOC 100, and junior standing. Offered fall/spring semester, as needed.

**SOC 402 GLOBAL SOCIAL PROBLEMS**

With an increasingly interconnected world due to globalization, social problems in the United States such as poverty, the environment, crime, gender inequality and drugs are best understood by viewing them from the prism of a global perspective or; given the growing interdependence of nation states, social problems such as overpopulation can be best understood by looking at the global dimensions of the problem. Three credit hours. Prerequisites and/or Special Considerations: SOC 100, or junior standing, or permission of the instructor. Offered fall/spring semester, as needed.
SOC 498 INDEPENDENT STUDY IN SOCIOLOGY

Topic to be specified each semester course offered.

SPANISH

SPA 101 ELEMENTARY SPANISH I

This course will instruct the student in the basic grammatical structures of Spanish. Special emphasis will be placed on oral skills. Vocabulary building and role playing, utilizing the spoken language in everyday situations, will be stressed. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

SPA 102 ELEMENTARY SPANISH II

A continuation of SPA 101. This course will instruct the student in more complex grammatical structures and vocabulary building while encouraging an increased degree of accuracy and control in the spoken language. Three credit hours. Prerequisites and/or Special Considerations: SPA 101 or high school Spanish. Offered fall/spring semester, as needed.

SPA 498 INDEPENDENT STUDY IN SPANISH

Topic to be specified each semester course offered.

SPECIAL EDUCATION

ESP 230 INTRODUCTION TO SPECIAL EDUCATION

This course offers an examination of the historical, social, and legal foundations of special education. Emphasis will be placed on assessment procedures, multicultural issues, family involvement and the referral process. An overview of the characteristics and instructional needs of individuals with disabilities for children birth through Grade 12 will be explored. A focus will be on the general education teacher assuming educational responsibility for inclusion of students and the collaborative practices across general and special education programs. An overview of the characteristics and instructional needs of individuals with all exceptionalities (including Autistic Spectrum Disorders) as identified in the present federal educational disability related legislation will be provided. The impact of diversity and assistive technology services of persons with special needs in the school will also be addressed. The New York State Learning Standards and Adaptive/Functional Curricula for Students with Disabilities will be presented. Students must complete this course concurrently with EDU 340 and will submit two individual certificates (for Child Abuse and SAVE Legislation) to the instructor upon completion of the class. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

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**Note: In order to have grades submitted for this course, students must be able to show proof of certificates for SAVE and Child Abuse Identification & Recognition as per New York State requirements by the end of the semester.

**ESP 276 POSITIVE BEHAVIORAL SUPPORT APPROACHES TO CLASSROOM MANAGEMENT AND INSTRUCTION**

This course provides an understanding of the principles of human behavior in an educational environment and demonstrates ways in which these principles can be used to enhance learning for all students. A primary focus will be on the use of positive behavior support systems and behaviorally based instruction along with the establishment of safe, positive and supportive learning environments. Issues related to cultural and economic diversity on the identification and intervention for individuals with emotional/behavioral needs will be stressed. The relationships that typically exist between behavior and the environment will be examined. The creation of student-centered Behavioral Intervention Plans (BIP) that include explicit transition planning, when appropriate, will also be considered along with legal mandates and relevant regulations. Three credit hours. Prerequisites and/or Special Considerations: ESP 230. Offered fall/spring semester, as needed.

**ESP 348 EDUCATION AND ASSESSMENT OF ADOLESCENTS WITH DISABILITIES**

This course considers the range of medical, learning, emotional, behavioral, and adaptive needs of individuals with mild to moderate to severe disabilities. Relevant curricular development and instructional methodologies towards both primary academic content (e.g., language arts/reading, math, science, and social studies) and alternative instruction are specifically targeted. Emphasis is placed on the integration of general education and special education methodologies. Communication, social skills, inclusive practices, transition planning, relevant assistive and instructional technology, and operating in the natural environment are also emphasized. Content also focuses on the consideration given to cultural and social background in the identification of disability and development of unique educational strategies. A minimum of 40 field experience hours are required. Three credit hours. Prerequisites and/or Special Considerations: ESP 230. Offered fall/spring semester, as needed.

**ESP 358 ASSESSING ADOLESCENT CHILDREN (GRADES 7-12) WITH EXCEPTIONALITIES**

The assessment, diagnosis, and remediation of children with disabilities in grades 7-12 are examined. Program planning with an emphasis on individualized and culturally competent approaches to assessment is addressed. The process of identification, referral and assessment procedures used for the adolescent child in grades 7-12. Specific focus on educational assessments is geared for transitions from school to adult and programming that meets the needs of children and their families. The appropriate use of assistive technology, modifications and
accommodations as they relate to assessment are also covered. Forty hours of field experience in special education instruction/assessment is required. Three credit hours. Prerequisites and/or Considerations: none. Offered fall/spring semester, as needed.

**SPEECH**

**SPE 130 FUNDAMENTALS OF PUBLIC SPEAKING**

This course is designed to develop students’ knowledge of and skills in oral communication. It focuses on the speech-making process, rhetorical analysis, and the ethics of public speaking. Students will prepare, present and respond to public speeches on a regular basis. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

*This course emphasizes the following Essential Learning Outcomes for Medaille College: Oral Literacy*

**SPE 242 PUBLIC SPEAKING SKILLS AND TECHNIQUES**

Provides the foundation in public communication required for professional success in contemporary business. Topics include formal, informal, rehearsed, and extemporaneous speeches; preparing an effective presentation; group speech delivery; techniques for overcoming anxiety and elevating self-confidence; and videotape and written feedback evaluation strategies. Four credit hours. Prerequisites and/or Special Considerations: none. Offered as needed.

*This course emphasizes the following Essential Learning Outcomes for Medaille College: Oral Literacy*

**SPE 298 SPECIAL TOPIC IN SPEECH**

Topic to be specified each semester course offered.

**SPE 301 SPEAKING CLEARLY: VOICE AND DICTION**

A combination of basic as well as advanced techniques used in speech. Emphasis will be placed on improving voice and diction techniques as used in the communications process. Students will learn to speak to be understood, with emphasis on clarity. Three credit hours. Prerequisites and/or Special Considerations: SPE 130. Offered fall/spring semester, as needed.

**SPE 315 ADVANCED PUBLIC SPEAKING**

An intensive study of the theory and practice of public speaking. Strategies and techniques for effective public speaking will be discussed in depth and a variety of experiences in public
speaking will be offered. Three credit hours. Prerequisites and/or Special Considerations: SPE 130, and junior standing. Offered fall/spring semester, as needed.

**SPE 330 SMALL GROUP COMMUNICATION**

An analysis of the communication process in small groups. Special emphasis is placed on the theories and practices which pertain to decision-making groups. Three credit hours. Prerequisites and/or Special Considerations: SPE 130. Offered fall/spring semester, as needed.

**SPE 331 EFFECTIVE GROUP COMMUNICATION**

This course provides an analysis of the skills and processes needed for effective communication in groups and teams. Topics include the communication process, the role of culture and paradigms in understanding meaning, group roles and dynamics, and interpersonal communication skills for the workplace. Special emphasis is placed on the theories and practices which pertain to conflict management and decision-making. Four credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**SPE 398 SPECIAL TOPIC IN SPEECH**

Topic to be specified each semester course offered.

**SPE 498 INDEPENDENT STUDY IN SPEECH**

Topic to be specified each semester course offered.

**SPORT MANAGEMENT**

**SPM 211 THEORIES AND TECHNIQUES OF COACHING**

This course is an investigation of athletic coaching as a vocation. A review of select theories and techniques of coaching will serve as the foundation. Current research will be explored in areas including but not limited to leadership behavior in sport. Coaching as a vocation has been part of the educational system in the United States for over a hundred years. Throughout this time there has been little inquiry on measuring coaching effectiveness and performance. The demand for such inquiry is clearly evidenced by the increasing number of sports participants. A rapidly expanding global market, the rise of women’s sports, and the addition of alternative sports such as the X games have all significantly contributed to this growth. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**SPM 216 FOUNDATIONS OF HUMAN PERFORMANCE**

This course is designed to explore the foundations of human performance. A review of applications and techniques of physical training for sport will guide the course content. Health-
related physical fitness, sport skills and motor abilities will be explored. Concepts contained in the content are intended span across all human performance topical areas including but not limited to athlete-development, sport specific strength and conditioning, wellness programming and age and gender considerations. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**SPM 220 SPORT LEADERSHIP AND MANAGEMENT**

This course emphasizes the management and leadership components of sport organizations. More specifically, the course focuses on the means of improving performance within sports organizations through such practices as goal development, decision-making, strategic planning, conflict management, leadership style, and human resource management. Additionally, the course addresses the design, structure, and culture of sport organizations. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**SPM 298 SPECIAL TOPIC IN SPORT MANAGEMENT**

Topic to be specified each semester course offered.

**SPM 310 VIRTUAL MANAGEMENT IN THE FANTASY SPORTS WORLD**

This course explores the multiple aspects of fantasy sports. Topics to be discussed include the legal aspects of sport, sport gambling, sport information and statistics, scouting practices, team management, and the implications of sport marketing. Mathematics and statistics, among other disciplines, are particularly engaged in fantasy sport features; these include making schemes, player assessments, and statistical comparisons. Three credit hours. Prerequisites and/or Special Considerations: junior standing. Offered fall/spring semester, as needed.

**SPM 320 SPORT MARKETING AND PROMOTION**

This course is designed to provide students with an understanding of the fundamental marketing and promotional principles utilized in sport organizations, sport facilities, and sport events. Additionally, sport sponsorship is discussed as a sport marketing and promotional tool. The role of computer and Internet applications in sport marketing and promotions is emphasized. Three credit hours. Prerequisites and/or Special Considerations: SPM 220. Offered fall/spring semester, as needed.

**SPM 325 LEGAL AND ETHICAL ISSUES IN SPORTS AND RECREATION MANAGEMENT**

This course provides an exploration into the legal aspects of sports including but not limited to tort law, contract law, risk management procedures, constitutional law and product liability. Limitations of the legal system will be addressed, as will the role and limitations of ethics. Students will discuss both the law and ethics and how each affects sports and recreation.
administration. Three credit hours. Prerequisites and/or Special Considerations: SPM 220 and junior standing. Offered fall/spring semester, as needed.

**SPM 335 SPORT EVENT MANAGEMENT**

This course emphasizes the competencies involved in the designing, planning, implementing, and evaluating of sport events. In doing so, students learn logistical skills and techniques associated with various aspects of event management including: 1. box office management; 2. security and supervision; 3. safety and medical services; 4. housekeeping and maintenance; 5. concessions and merchandise; 6. risk management and insurance; 7. media marketing of sport events; and 8. sponsorship of and hospitality at sport events. Emphasis is also placed on the experience of sport event customer and/or participant. Three credit hours. Prerequisites and/or Special Considerations: SPM 220. Offered fall/spring semester, as needed.

**SPM 340 HISTORY AND PHILOSOPHY OF SPORT**

This course explores the history and philosophy of sport. Selected topics include the perspectives of Greek Philosophers Socrates, Plato and Aristotle relating specifically to the mind and body. Further study will assist students in learning how cultures throughout Western civilization have viewed the relationship of the mind and body through sports and physical education. Students will be introduced to basic philosophical processes including but not limited to aesthetics and metaphysics. The concepts of play, sport and games will be investigated along with a review of varied paradigms on winning and morals. Finally, students will discover how urbanization, industrialization, modernization, technology and politics have affected sport throughout history. Three credit hours. Prerequisites and/or Special Considerations: ENG 200 or equivalent. Offered fall/spring semester, as needed.

**SPM 377 FIELD EXPERIENCE I**

This course provides an opportunity for observation and practice by individual students in work related to a particular area of study in sport management. This course has a 120 contact hour requirement. The student will complete a work-skills assessment and explore career options related to an area of course concentration in a work setting. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. Three credit hours. Prerequisites and/or Special Considerations: junior standing, and minimum of a 2.0 cumulative GPA. Offered fall/spring semester, as needed.

**SPM 398 SPECIAL TOPIC IN SPORTS MANAGEMENT**

Topic to be specified each semester course offered.
SPM 400 SPORT FACILITY PLANNING AND MANAGEMENT

This course is designed to provide the student with a comprehensive look at the planning and management of major sport facilities. A step-by-step exploration of facility planning, promotions and operations will be the focus of the content. Topics covered include: facility planning and design, contracting, image, crowd and alcohol management, booking and scheduling, box office, concessions and merchandise management, event planning, and production and facility operations. Three credit hours. Prerequisites and/or Special Considerations: ACC 101, MKT 220, SPM 220, and junior standing. Offered fall/spring semester, as needed.

SPM 477 FIELD EXPERIENCE II

This course provides an opportunity for observation and practice by individual students in work related to a particular area of study in sport management. This course has a 120 contact hour requirement. The student will complete a work-skills assessment and explore career options related to an area of course concentration in a work setting. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. Three credit hours. Prerequisites and/or Special Considerations: minimum of a 2.0 GPA. Offered fall/spring semester, as needed.

SPM 478 FIELD EXPERIENCE III

This course provides an opportunity for observation and practice by individual students in work related to a particular area of study in sport management. This course has a 160 contact hour requirement. A higher level of performance is expected in this field experience. The work will be more intensive than the introductory field experience (SPM 377). The student will complete a work-skills assessment and explore career options related to an area of course concentration in a work setting. This internship course offers students a structured, supervised opportunity to design their own learning within the context of their program’s expectations, goals and objectives for enhancing students’ academic and professional development and the needs of their host organization. Three credit hours. Prerequisites and/or Special Considerations: SPM 477, and minimum of a 2.0 cumulative GPA. Offered fall/spring semester, as needed.

SPM 498 INDEPENDENT STUDY IN SPORTS MANAGEMENT

Topic to be specified each semester course offered.

THEATRE

THE 100 INTRODUCTION TO THEATRE

This course teaches the theory, appreciation, and performance of theatre. The theory component examines structures and techniques. The appreciation component examines classic and
contemporary text and performances. In the performance component, the students rehearse roles for in-class presentation. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

This course emphasizes the following Essential Learning Outcomes for Medaille College: Cultural Literacy.

**THE 298 SPECIAL TOPICS IN THEATRE ARTS**

Topic to be specified each semester course offered.

**THE 330 THE DRAMATIC EXPERIENCE**

An in-depth study of plays produced locally. The course includes analysis of the text, history and style; the cultural and social world from which the plays are drawn; particulars of staging, costuming, and set design; and reviews of performances. The course also includes presentations by actors and other professionals to give insight into the behind-the-scenes skills necessary to put on a production. Students will attend at least one rehearsal and a final production. A fee for the reduced-price ticket to the performance and other course-related expenses is charged. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**THE 398 SPECIAL TOPICS IN THEATRE ARTS**

Topic to be specified each semester course offered.

**THE 498 INDEPENDENT STUDY IN THEATRE**

Topic to be specified each semester course offered.

**VETERINARY TECHNOLOGY**

**VET 099 PROPHYLACTIC RABIES VACCINATION SERIES**

This zero credit S/U course ensures all students in the Veterinary Technology program receive their prophylactic rabies vaccination series prior to entry into VET 202 Small Animal Diseases and Nutrition, VET 222 Farm Animal Restraint, Diseases, and Nutrition, VET 224 Surgical Nursing and Anesthesiology, and VET 277 Preceptorship II. Rabies is a fatal viral neurologic disease which can infect any mammal including humans. Courses in the Veterinary Technology Program will expose students to animals both on and off the Medaille Campus. Although these are controlled learning experiences, there is still the possibility that students could be exposed to an animal carrying the rabies virus. Due to this possibility, the prophylactic series of rabies immunizations is required for Veterinary Technology Students. VET 099 will be taken concurrently with VET 120 Introduction to Laboratory Animal Science. The cost of the rabies
vaccination series is included in the lab fee for VET 120. The rabies vaccinations will be administered to VET 099 students during the semester on campus by a travel medicine and immunization services provider. Proof of completion of the prophylactic rabies vaccination series will be required to receive a “satisfactory” in VET 099. Zero credit hours. Prerequisites and/or Special Considerations: restricted to VET majors. Co-requisite: VET 120. Offered fall/spring semester, as needed.

**Note: Registration for both VET 120 and VET 099 is required.**

**VET 100 INTRODUCTION TO VETERINARY TECHNOLOGY**

The student is introduced to the Medaille facilities, expectations of the Veterinary Technology Program, medical terminology and basic scientific concepts. Discussions are generated on career opportunities, the role of the veterinary technician in veterinary medicine, and the human-animal bond. The different classifications and breeds of companion and farm animals are studied. General principles of animal behavior, care, equipment and management are presented. Legal regulations on the county, state and federal levels are examined. There will be a preliminary investigation of the concepts of health and disease. Three credit hours. Prerequisites and/or Special Considerations: restricted to Veterinary Technology majors. Offered fall/spring semester, as needed.

**VET 101 INTRODUCTION TO VETERINARY TECHNOLOGY**

This course will introduce the expectations of the Veterinary Technology Program, medical terminology and basic scientific and medical concepts. Emphasis will also be placed on definitions, abbreviations, and word elements used in the profession. Discussions are generated on career opportunities the role of the veterinary technician in veterinary medicine, and the human-animal bond. The different classifications and breeds of companion and farm animals are studied. General principles of animal behavior, care, equipment, and management are presented. Legal regulations on the country, state, and federal levels are examined. Student safety will be addressed from a regulatory standpoint. Introduction to the concepts of euthanasia and necropsy. There will be a preliminary investigation of the concepts of health and disease. Four credit hours. Prerequisites and/or Special Considerations: successful completion of ENG 111, SPE 242, and MAT 116 with minimum of C-. Offered as needed.

**VET 120 INTRODUCTION TO LABORATORY ANIMAL SCIENCE**

A general overview of the field of laboratory animal science is covered. Humane handling, care and ethical use of laboratory animals are emphasized. Taxonomic classification and comparative anatomic and physiologic characteristics of each species are mentioned. Laws, regulations, standards and organizations promoting responsible lab animal management are discussed. The use of alternatives to animals for research is explored. Basic handling, restraint and performing common procedures on small mammals are practiced in the laboratory portion of the course. Recognition of health and disease through the animal care rotation (vivarium) is an important
aspect of this course. Note: The animal care rotation will require additional time besides scheduled class and laboratory hours for vivarium duty. Three credit hours. Prerequisites and/or Special Considerations: permission of department chair. Offered fall/spring semester, as needed.

**Note: Registration for the lecture VET 120, the lab VET 120 L and VET 099 is required.

**VET 126 ANIMAL PARASITOLOGY**

This course focuses on the common ectoparasites and endoparasites of pets and large animals and laboratory animals. Parasite identification, life history and pathogenesis are studied. Public health aspects are noted and methods of prevention and treatment are discussed. Diagnostic procedures and identification are performed in the laboratory. Two credit hours. Prerequisites and/or Special Considerations: VET 100 with a minimum grade of C-; restricted to VET majors. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture VET 126 and the lab VET 126 L is required.

**VET 130 BASIC INTRODUCTION TO HORSES**

The student is introduced to methods of handling and restraint of the horse: basic equine terminology including basic anatomy, breed identification, color and color patterns and equipment, and different disciplines of horseback riding. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

**VET 177 PRECEPTORSHIP I**

This course serves as a general introduction to the personnel and function of a veterinary facility. Thirty hours will be spent in a veterinary facility observing animal nursing care and treatment, appointments, surgery, diagnostics including imaging and laboratory techniques, and daily facility operations. One credit hour. Prerequisites and/or Special Considerations: minimum of a 2.0 cumulative average, unless taken in the first semester at college, restricted to Veterinary Technology majors. Offered fall/spring semester, as needed.

**VET 180 CARE AND MANAGEMENT OF EXOTIC ANIMALS**

A general overview of exotic and laboratory animals is provided. Humane care, handling, management, technical procedures, and use of these animals are emphasized. Taxonomic classification and comparative anatomic and physiologic characteristics of common exotic and laboratory animals are presented. Laws, regulations, standards and organizations associated with laboratory animal science and the possession and management of exotic animals are discussed. Safety and ethical issues are addressed. Four credit hours. Prerequisites and/or Special Considerations: successful completion of VET 101 and BIO 174 with a minimum of C-. Offered as needed.
VET 202 SMALL ANIMAL DISEASES AND NUTRITION

Emphasis is placed on the dog and cat regarding proper restraint and care. Physical as well as chemical methods of restraint are presented. Common disease processes experienced by the dog and cat are outlined and nutrition is examined as it relates to both the healthy and ill pet. Infectious, hormonal, traumatic, toxicological and nutritional problems include some of the disease processes covered. Raising orphan puppies and kittens and proper vaccination procedures are taught. Additional student time and assignments may be required outside of scheduled class and laboratory hours. Three credit hours. Prerequisites and/or Special Considerations: rabies vaccination series required, VET 100 minimum grade of C-, VET 120 minimum grade of C-, BIO 171 minimum grade of C-, restricted to VET majors. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture VET 202 and the lab VET 202L is required.

VET 203 SMALL ANIMAL DISEASES AND NUTRITION

Emphasis is placed on the dog and cat regarding proper restraint and care. Physical as well as chemical methods of restraint are presented. Common disease processes experienced by the dog and cat are outlined and nutrition is examined as it relates to both the healthy and ill pet. Infectious, hormonal, traumatic, toxicological and nutritional problems include some of the disease processes covered. Raising orphan puppies and kittens and proper vaccination procedures are taught. Four credit hours. Prerequisites and/or Special Considerations: VET 101, VET 180, BIO 172. Offered as needed.

VET 204 VETERINARY CLINICAL LAB TECHNIQUES

This course examines blood, urine and feces for diagnostic and prognostic purposes. Lectures will focus on the physiologic responses to disease and the effects of disease on measurable substances produced by the body. The collection, storage and handling of laboratory specimens and general laboratory management procedures including safety and quality control will be discussed. Laboratory sessions emphasize the performance of analytical procedures commonly used in veterinary medicine. Less routine procedures will be demonstrated and/or discussed. Three credit hours. Prerequisites and/or Special Considerations: BIO 171 with a minimum of a C-, restricted to VET majors. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture VET 204 and the lab VET 204L is required.

VET 205 VETERINARY CLINICAL LABORATORY TECHNIQUES

This course examines blood, urine and feces for diagnostic and prognostic purposes. Lectures will focus on the physiologic responses to disease and the effects of disease on measurable substances produced by the body. The collection, storage and handling of laboratory specimens
and general laboratory management procedures including safety and quality control will be discussed. Laboratory sessions emphasize the performance of analytical procedures commonly used in veterinary medicine. Less routine procedures will be demonstrated and/or discussed. Four credit hours. Prerequisites and/or Special Considerations: VET 180 with a minimum of a C-, restricted to VET majors. Offered as needed.

**VET 206 HANDLING AND CARE OF EXOTICS**

This course is specifically designed to acquaint the student with the most common exotic pets. Handling, husbandry and diseases are studied. Techniques of immobilization and obtaining laboratory samples are demonstrated. Experiences may occur at various locations with birds, reptiles, amphibians and mammals. Travel time to and from off-campus activities is required. Two credit hours. Prerequisites and/or Special Considerations: VET 100 with a minimum grade of a C-, BIO 171 with a minimum grade of C-, restricted to VET majors. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture VET 206 and the lab VET 206L is required.**

**VET 207 VETERINARY CLINICAL LABORATORY TECHNIQUES**

This course examines blood, urine, feces and cells for diagnostic and prognostic purposes. Lectures will focus on the physiologic responses to disease and the effects of disease on measurable substances produced by the body. The collection, storage and handling of laboratory specimens and general laboratory management procedures, including safety and quality control, will be discussed. The common ectoparasites and endoparasites of pet, exotic and large animals are identified and their life history and pathogenesis are studied. Public health aspects are noted and methods of prevention and treatment are discussed. Four credit hours. Prerequisites and/or Special Considerations: VET 101, BIO 172, GEN 131. Offered as needed.

**VET 208 VETERINARY DIAGNOSTIC IMAGING**

Topics include the theory of x-ray production and the x-ray machine as well as the practical aspects of producing diagnostic radiographs. Emphasis will be placed on the production of high quality diagnostic images by correcting common problems of technique and positioning. Students will have experience exposing, processing, and handling of radiographic films while practicing NYS Radiation Safety regulations. The students will also gain experience with contrast media and special techniques, the production and interpretation of electrocardiograms (ECG), and the role of ultrasonography in veterinary medicine. Two credit hours. Prerequisites and/or Special Considerations: VET 100 minimum grade C-, BIO 171 minimum grade C-. restricted to Vet majors. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture VET 208 and the lab VET 208 L is required.**
VET 209 DIAGNOSTIC IMAGING

Topics include the theory of x-ray production as well as the practical aspects of taking radiographs. Emphasis is on the diagnostic quality of radiographs and how to correct common problems. Students will have experience in radiographic exposure, development and handling. Proper positioning and restraint for various anatomical views are shown. Use of contrast media and special techniques is mentioned. Safety precautions and New York State regulations are emphasized. The role of the electrocardiogram (ECG) in veterinary medicine is discussed. Proper patient positioning and methods of restraint are taught. The normal ECG tracing and common disease variations are studied. Three credit hours. Prerequisites and/or Special Considerations: VET 203. Offered as needed.

VET 221 PHARMACY AND PHARMACOLOGY

This course familiarizes the student with the major pharmaceuticals used in veterinary medicine. Pharmacology is intended to acquaint the student with fundamental knowledge of the mechanism of action, dosage, routes of administration and toxic effects of various groups of veterinary-related drugs. Conversion of weights, volumes and the calculation of drug doses are practiced. Emphasis is placed on the role the Veterinary Technician plays in educating the client in the use of prescribed drugs in pets and production animals. Three credit hours. Prerequisites and/or Special Considerations: MAT 117, GEN 131, and BIO 172. Offered as needed.

VET 222 FARM ANIMAL RERAINT, DISEASES, AND NUTRITION

This course is comprised of both a lecture and laboratory portion. In the lecture, the states of wellness and disease of large animals will be presented in regards to nutrition, anatomy and physiology, treatment, and prevention and control. The course will explore reproductive physiology and management, herd management, and the husbandry of equine, bovine, porcine and small ruminants. Common procedures and vaccination protocols of large animals will be presented in class and practiced in lab. Additional student time and assignments will be required outside of scheduled class and laboratory hours. Three credit hours. Prerequisites and/or Special Considerations: rabies vaccination series required, VET 099, VET 100 with a minimum of a C-, VET 120 with a minimum of a C-, BIO 171 with a minimum of a C-. Offered as needed.

**Note: Registration for both the lecture Vet 222 and the lab Vet 222L is required.

VET 223 FARM ANIMAL RERAINT, DISEASES, AND NUTRITION

Physical and chemical restraint is demonstrated on the bovine, equine, caprine and ovine. Common diseases and the significant role of nutrition in the farm animal are presented. Miscellaneous procedures such as the physical exam, dentistry and diagnostic nerve blocks are shown. Porcine assisting techniques are mentioned. Regulatory medicine, vaccination protocols and methods of administering medications are taught. Four credit hours. Prerequisites
and/or Special Considerations: Rabies vaccination series required, VET 101, BIO 172. Offered fall/spring semester, as needed.

**VET 224 SURGICAL NURSING AND ANESTHESIOLOGY**

The student becomes familiar with surgical theory and techniques. Topics include pre-operative theory and post-operative patient care, aseptic technique and materials and instruments used in various surgical procedures. Different types of sterilization processes and the care of surgical instruments are practiced. Anesthesiology includes the actions and uses of pre-anesthetic drugs as well as that of intravenous, intramuscular and inhalation anesthetics. Special emphasis is placed on monitoring the patient while under any type of anesthesia. Additional student time and assignments will be required outside of scheduled class and laboratory hours. Three credit hours. Prerequisites and/or Special Considerations: VET 202, VET 204, and VET 230. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture VET 224 and the lab VET 224L is required.**

**VET 225 PAIN MANAGEMENT IN ANIMALS**

The issues and fundamentals of pain management are presented through the use of lecture, discussion and laboratory. An integrated approach is utilized, with emphasis on the ethics of pain management in animals. The physiology and biochemistry of pain and pain control will be explored. The role of the technician in detecting, assessing, reporting and managing pain is stressed. Three credit hours. Prerequisites and/or Special Considerations: VET 180, VET 221, BIO 172. Offered as needed.

**VET 226 VETERINARY PRACTICE MANAGEMENT**

The veterinary hospital is seen as both a medical and business facility. Emphasis is on the pivotal role which the veterinary technician can perform. Topics include human relations both with clients and other staff, basic business principles, medical records, financial transactions, ordering and inventory, supervising and hospitalized animal health care. Computerization and its use in the veterinary office are investigated. Three credit hours. Prerequisites and/or Special Considerations: Rabies vaccination series required, VET 100 with a minimum of a C-, VET 120 with a minimum of a C-, BIO 171 with a minimum of a C-, restricted to VET majors. Offered fall/spring semester, as needed.

**VET 227 SURGICAL NURSING AND ANESTHESIOLOGY**

The student becomes familiar with surgical theory and techniques. Topics include pre-operative theory and post-operative patient care, aseptic technique and materials and instruments used in various surgical procedures. Different types of sterilization processes and the care of surgical instruments are practiced. Anesthesiology includes the actions and uses of pre-anesthetic drugs as well as that of intravenous, intramuscular and inhalation anesthetics. Special emphasis is
placed on monitoring the patient while under any type of anesthesia. Four credit hours. Prerequisites and/or Special Considerations: VET 203, VET 207. Offered as needed.

**VET 228 GROSS AND CLINICAL PATHOLOGY**

The place of necropsy as a learning experience is explained. Proper techniques for small animal and avian species are demonstrated and other species are illustrated. Laboratory exercises with exotic species occur as the opportunities exist. Additional student time and assignments may be required outside of scheduled class and laboratory hours. One credit hour. Prerequisites and/or Special Considerations: VET 100 and BIO 171 minimum C-, restricted to VET majors. Offered fall/spring semester, as needed.

**Note: Registration for both the lecture VET 228 and the lab VET 228 L is required.**

**VET 230 PHARMACY AND PHARMACOLOGY**

The student becomes familiar with the major drugs used in veterinary medicine. Pharmacy covers maintenance and inventory. Pharmacology is intended to acquaint the student with fundamental knowledge of the mechanism of action, the dosage, the routes of administration and the toxic effects of various groups of veterinary-related drugs. Conversion of weights and the calculation of various drug dosages are practiced, as well as fluid therapy and blood transfusion dynamics and calculations. Three credit hours. Prerequisites and/or Special Considerations: MAT 112 or higher with a minimum grade C, BIO 171 with a minimum of a C-, CHE 145. Offered fall/spring semester, as needed.

**VET 232 HORSE AND STABLE MANAGEMENT**

This course emphasizes how to effectively build various types of equine businesses from the ground up. This will include horse care, legal documentation, and necessary buildings. The course is designed to provide students with an understanding of how each aspect of the business will be managed including labor, cost of materials, equine emergencies, equine feeding and housing, legal forms, and other required documentation. Three credit hours. Prerequisites and/or Special Considerations: VET 130, or permission from course instructor. Offered fall/spring semester, as needed.

**VET 239 VETERINARY DENTISTRY**

The fundamentals of Veterinary Dentistry are presented through the use of lecture and laboratory hands-on instruction. Emphasis is on the role of the Veterinary Technician in a small animal practice in providing dental services and client education. In-depth study of the oral cavity is combined with practical and clinical applications to present-day treatments and radiography. Understanding of common dental disease and the role of the Veterinary Technician in its treatment and prevention is stressed. Techniques for patent positioning and radiographic
exposure will be covered. Three credit hours. Prerequisites and/or Special Considerations: VET 227. Offered as needed.

**VET 243 SMALL ANIMAL EMERGENCY AND CRITICAL CARE**

An overview approach in examining the physiology, treatment and care of emergency and critical care cases seen in practice. Physical findings, appropriate diagnostic testing, initial treatment, appropriate monitoring and follow-up are emphasized. All body systems are covered. Hematologic, toxicologic and thermal emergencies are also explored, as well as shock, anesthetic emergencies and allergic reactions, which are pansystemic. Clinical cases will be utilized in the course of study. Three credit hours. Prerequisites and/or Special Considerations: VET 227. Offered as needed.

**VET 248 CLINICAL EXPERIENCE I**

A minimum of 280 hours observing and performing tasks of a Veterinary Technician at an animal facility in such areas as surgery, anesthesia, treatment, radiology, laboratory and general facility operations over three clinical experience courses. 94 clinical hours will be completed over the duration of this course. The primary objective is to introduce the concepts of veterinary medicine and the duties and responsibilities of a Veterinary Technician by seeing and participating in actual cases. Familiarization with and appreciation for the role of the Veterinary Technician in a practical, applied atmosphere. Two credit hours. Prerequisites and/or Special Considerations: co-requisites VET 180 and 205 with a minimum of a C-. Offered fall/spring semester, as needed.

**VET 249 CLINICAL EXPERIENCE II**

This is the second course in a series of three clinical experiences where observation and performing the tasks of a Veterinary Technician at an animal facility in such areas as surgery, anesthesia, treatment, radiology, laboratory and general facility operations are continued. 94 clinical hours will be completed over the duration of this course. The primary objective is to introduce the concepts of veterinary medicine and the duties and responsibilities of a Veterinary Technician by seeing and participating in actual cases. Familiarization with and appreciation for the role of the Veterinary Technician in a practical, applied atmosphere. Two credit hours. Prerequisites and/or Special Considerations: co-requisites VET 252 and VET 253 with a minimum of a C-, and a satisfactory in VET 248. Offered as needed.

**VET 250 CLINICAL EXPERIENCE III**

This is the third and final course in a series of three clinical experiences where observation and performing the tasks of a Veterinary Technician at an animal facility in such areas as surgery, anesthesia, treatment, radiology, laboratory and general facility operations are continued. 94 clinical hours will be completed over the duration of this course. The primary objective is to introduce the concepts of veterinary medicine and the duties and responsibilities of a Veterinary Technician.
Technician by seeing and participating in actual cases. Familiarization with and appreciation for the role of the Veterinary Technician in a practical, applied atmosphere. Two credit hours. Prerequisites and/or Special Considerations: co-requisites VET 255 and VET 256 with a minimum of a C-, and a satisfactory in VET 249. Offered as needed.

**VET 251 CLINICAL CASE STUDY 1: WELLNESS AND PREVENTATIVE MEDICINE**

This is the first course in a series of 6 clinical case applications that build on previous knowledge. Health and wellness will be discussed from the perspective of preventative medicine. The importance of medical history, physical examination and accurate medical record keeping will be stressed. Wellness programs for dogs, cats, horses, and ruminants will be described, including vaccination protocols, parasite prevention and control, grooming, dentistry, routine diagnostic procedures and surgeries, and behavior training. The importance of nutrition in maintaining health will be discussed. Four credit hours. Prerequisites and/or Special Considerations: VET 205 with a minimum of a C-, and a satisfactory in VET 248. Offered as needed.

**VET 252 CLINICAL CASE STUDY 2: INTEGUMENT, WOUND HEALING, AND THE MUSCULOSKELETAL SYSTEM**

This is the second course in a series of 6 clinical case applications that build on previous knowledge. This course covers the veterinary technician’s role in managing acute and chronic integument and musculoskeletal system abnormalities including wound care and healing in large and small animals. Case studies will incorporate the techniques and skills required for the Veterinary Technician to perform relevant procedures as determined by the Veterinarian. Basic principles of radiology will be explored emphasizing radiology of the skeletal system. The physiology and management of pain will be introduced including local anesthetic techniques. Appropriate pharmacologic agents and alternative medicine treatment modalities for the musculoskeletal system integument will be covered. Four credit hours. Prerequisites and/or Special Considerations: VET 251 with a minimum of a C-. Offered as needed.

**VET 253 CLINICAL CASE STUDY 3: GASTROINTESTINAL SYSTEM**

This is the third course in a series of 6 clinical case applications that build on previous knowledge. This course will cover diseases, therapies, and diagnostics of the gastrointestinal system of common domestic species. Particular attention will be placed on the role of the Veterinary Technician in the procedures for the diagnosis and treatments for gastrointestinal disorders. Four credit hours. Prerequisites and/or Special Considerations: VET 252 with a minimum of a C-. Offered as needed.
VET 254 CLINICAL CASE STUDY 4: CARDIOLOGY, RESPIRATION, HEMATOLOGY

This is the fourth course in a series of 6 clinical case applications that build on previous knowledge. This course specifically encompasses the Cardiac, Respiratory and Hematology areas of importance to veterinary Medicine and the role of the Veterinary Technician. Case studies will incorporate the techniques and skills required for the Veterinary Technician to perform relevant procedures as determined by the Veterinarian. An understanding of the common cardiac, respiratory and hematologic diseases will be augmented by an understanding of the medications and protocols necessary for appropriate treatment. Four credit hours. Prerequisites and/or Special Considerations: VET 253 with a minimum of a C-, and a satisfactory in VET 249 with a minimum of a C-. Offered, as needed.

VET 255 CLINICAL CASE STUDY 5: REPRODUCTION, UROGENITAL, URINARY, AND ENDOCRINOLOGY

This is the fifth course in a series of 6 clinical case applications that build on previous knowledge. This course will cover the normal and abnormal reproduction of companion and large animals and diagnostics of the reproductive systems. Normal and abnormal urogenital conditions, endocrine diseases and their diagnostics are examined. Particular attention will be placed on the role of the Veterinary Technician in the diagnosis and treatments of the reproductive, urologic and endocrine systems. Four credit hours. Prerequisites and/or Special Considerations: VET 254 with a minimum of a C-. Offered as needed.

VET 256 CLINICAL CASE STUDY 6: NEUROLOGY, SPECIAL SENSES, AND IMMUNOLOGY

This is the sixth course in a series of 6 clinical case applications that build on previous knowledge. This course surveys the anatomy and physiology of the Central and peripheral nervous Systems. Common diseases are covered along with the physical examination and relevant diagnostic procedures for discovering the causes. Drugs affecting the Nervous System are categorized and studied for use, effect, and efficacy. Four credit hours. Prerequisites and/or Special Considerations: VET 254 with a minimum of a C-. Offered as needed.

VET 260, 261, 262, 263 CLINICAL EXPERIENCE I, II, III. IV

Each student spends a minimum of 350 hours observing and performing the tasks of a Veterinary Technician at an animal facility in such areas as surgery, anesthesia, treatment, radiology, laboratory and general facility operations. The primary objective is to introduce the concepts of veterinary medicine and the duties and responsibilities of a Veterinary Technician by seeing and participating in actual cases. The student should become familiar with and appreciate the role of the Veterinary Technician in a practical, applied atmosphere. 6 credit hours. Prerequisites and/or Special Considerations: permission of VET Program Director. Offered as needed.
VET 270 VETERINARY TECHNOLOGY CAPSTONE

This is the final course in the curriculum. The focus is on the incorporation of hand-on clinical experiences with prior clinical case coursework. This course provides the opportunity for students to review actual medical situations encountered during their clinical rotations. Proficiency of skills and knowledge will be assessed with practical application of tasks learned in the previous courses and clinical experiences. Emphasis will be placed on the knowledge, role and responsibilities of a licensed Veterinary Technician. This course will review boarding exam (VTNE) domains and the final assessment will be a cumulative exam designed to simulate the VTNE. Four credit hours. Prerequisites and/or Special Considerations: VET 256 with a minimum of a C-, and satisfactory in VET 250. Offered as needed.

VET 275 VETERINARY SERVICE LEARNING: HEIFER INTERNATIONAL

This service learning course introduces the student to global problems of poverty and hunger. The core of the course is an experiential Alternative Spring Break program at Heifer International’s Heifer Farm in Massachusetts. The participants engage in a range of activities to challenge and strengthen problem-solving and communication skills. Throughout the 5-day program, the students will experience lifestyles from around the world and engage in service work, community building, and hands-on learning activities focused on hunger, sustainable development and caring for the earth. This course is scheduled over the Medaille College spring break (leave Sunday and return Friday) and includes travel time to and from Massachusetts. Students will be responsible to pay a fee established by Heifer International. One or three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

VET 276 SMALL ANIMAL NURSING SKILLS PRECEPTORSHIP

This course focuses on the veterinary nursing skills taught in VET 202 Small Animal Diseases and Nutrition, and provides the student the opportunity to improve and enhance their ability to successfully complete the American Veterinary Medical Association Essential Skills and Tasks. The course consists of 45 hours of hands-on experience in a small animal veterinary practice. One credit hour. Prerequisites and/or Special Considerations: restricted to VET majors, rabies vaccination series required, VET 177. Co-requisite: VET 202. Offered fall/spring semester, as needed.

VET 277 PRECEPTORSHIP II

Each student spends 120 hours in a small animal, mixed (small and large) animal or other veterinary practice or facility to gain practical experience in the areas of surgery, anesthesia, treatment, radiology, laboratory and general veterinary facility operations. The primary objective is to reinforce and expand upon concepts learned by participating in actual cases. Students will be exposed to the role of Veterinary Medicine and its impact on Society as expressed in the Veterinary Technician Oath (Vet. Tech. Student Handbook) Three credit hours.
Prerequisites and/or Special Considerations: rabies vaccination series required, VET 099. Pre- or Co-equisite: VET 224. Offered fall/spring semester, as needed.

**VET 298 SPECIAL TOPIC IN VETERINARY TECHNOLOGY**

Topic to be specified each semester course offered.

**VET 299 INDEPENDENT STUDY IN VETERINARY TECHNOLOGY**

Topic to be specified each semester course offered.

**VET 300 VETERINARY DENTISTRY: PRINCIPLES AND PRACTICES**

The fundamentals of veterinary dentistry are presented through the use of lecture and hands-on instruction. Emphasis is on the role of the veterinary technician in a small animal practice in providing dental services and client education. In-depth study of the oral cavity is combined with practical and clinical applications to present-day treatments. Understanding of common dental disease and the role of the veterinary technician in its treatment and prevention is stressed. Three credit hours. Prerequisites and/or Special Considerations: VET 224 or licensure as a Veterinary Technician. Offered fall/spring semester, as needed.

**VET 301 DENTAL RADIOGRAPHY**

A detailed examination of the oral cavity will be presented through the use of dental radiography. Specialized radiographic equipment and supplies will be utilized. Techniques for patient positioning and radiographic exposure will be demonstrated and practiced by students during laboratory sessions. Common disease processes seen in veterinary practice will be highlighted. Three credit hours. Prerequisites and/or Special Considerations: VET 300. Offered fall/spring semester, as needed.

**VET 315 HORSE AND STABLE MANAGEMENT**

This course emphasizes how to effectively build various types of equine businesses from the ground up. This will include horse care, legal documentation, and necessary buildings. The course is designed to provide students with an understanding of how each aspect of the business will be managed including labor, cost of materials, equine emergencies, equine feeding and housing, legal forms, and other required documentation. Three credit hours. Prerequisites and/or Special Considerations: VET 130, or permission from course instructor. Offered fall/spring semester, as needed.

**VET 320 ADVANCED LABORATORY ANIMAL SCIENCE**

An in-depth exploration of the principles and practices of advanced laboratory animal science is presented through a research-based course. Students will collaborate in development of animal protocols and will be responsible for all aspects of the research plan, including experimental

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design, completion of necessary documentation, and implementation of the protocol and communication of the results. Specialized techniques will be examined, including immunology, molecular biology, genetic engineering and gnotobiology. Management issues, such as principles of supervision, cost analysis, facility security, government regulations and occupational health and safety, will be emphasized. Ethical issues related to animal research will be evaluated. Three credit hours. Prerequisites and/or Special Considerations: VET 120, or licensure as a Veterinary Technician, or certification as a Laboratory Animal Technician or Laboratory Animal Technologist. Offered fall/spring semester, as needed.

** Note: Animal care will require additional time besides scheduled class and laboratory hours.

** VET 326 EQUINE NUTRITION AND PHYSIOLOGY

Basic anatomy and physiology of the equine digestive system and its relation to nutrition and disease states will be covered. Application of ration formulas will be applied to calculate nutritional requirements for different life stages. Evaluation of different feed sources and supplements will be addressed. Three credit hours. Prerequisites and/or Special Considerations: VET 222. Offered fall/spring semester, as needed.

** VET 335 INTRODUCTION TO EQUINE BEHAVIOR AND HANDLING

Equine communication will be covered relative to basic handling, training, and restraint. The behaviors used by horses to communicate will be explored and applied to improve equine/human communication. This study will encompass hands-on work with horses in which students will be required to apply the skills they have acquired in the classroom. Three credit hours. Prerequisites and/or Special Considerations: none. Offered fall/spring semester, as needed.

** VET 340 APPLIED ANIMAL BEHAVIOR FOR VETERINARY PRACTICE: PART I

This is a practical course geared to the veterinary professional who wishes to specialize in small animal behavior. A systematic approach is adopted, beginning with the study of normal behavior and followed by an investigation into canine and feline aggressive behavior. Components of a proper behavioral history and their relationship to approaching behavioral problems are stressed. Case studies will be integrated into classroom and clinical experiences. A survey of behavior problems in farm animals will be included. Three credit hours. Prerequisites and/or Special Considerations: VET 100 and VET 230, or licensure as a Veterinary Technician. Offered fall/spring semester, as needed.

** VET 345 INTRODUCTION TO ANIMAL REHABILITATION

This course focuses on an introduction to the newly evolving field of animal rehabilitation. Topics will include common orthopedic and neurological conditions and their appropriate modalities. Laws, certification standards and organizations promoting rehabilitation will be
discussed, as well as the role of medications, nutraceuticals and nutrition. Three credit hours. Prerequisites and/or Special Considerations: restricted to VET major, sophomore or higher standing. Offered fall/spring semester, as needed.

**VET 355 PAIN MANAGEMENT IN ANIMALS**

The issues and fundamentals of pain management are presented through the use of lecture, discussion and laboratory. An integrated approach is utilized, with emphasis on the ethics of pain management in animals. The physiology and biochemistry of pain and pain control will be explored. The role of the technician in detecting, assessing, reporting and managing pain is stressed. Three credit hours. Prerequisites and/or Special Considerations: VET 120 and VET 230, or licensure as a Veterinary Technician. Offered fall/spring semester, as needed.

**VET 360 PATIENT MANAGEMENT AND THERAPEUTICS IN EMERGENCY MEDICINE AND CRITICAL CARE**

This course is geared to the veterinary professional interested in emergency and critical care work. Requirements for specialization in the field will be discussed. The basic principles of emergency medicine including triage, all aspects of intravenous support, placement and care of monitoring devices as well as pain management will be covered. Basic nursing care of critical patients and interaction with clients of these patients will be included. Three credit hours. Prerequisites and/or Special Considerations: VET 224, or licensure as a Veterinary Technician. Offered fall/spring semester, as needed.

**VET 365 FELINE MEDICINE**

Emphasis is placed on common diseases and conditions of the cat. Infectious, parasitic, hormonal, allergic, traumatic, toxicological, congenital and acquired problems will be covered. Diagnostic tests and treatments will be discussed, as well as specialized nursing care. Preventative strategies will be discussed. Importance of client education and concerns about zoonotic potential of diseases will be stressed. Additional student time and assignments will be required outside of scheduled class hours. Three credit hours. Prerequisites and/or Special Considerations: VET 202, VET 230, restricted to VET majors. Offered fall/spring semester, as needed.

**VET 375 VETERINARY SERVICE LEARNING: HEIFER INTERNATIONAL**

This service learning course introduces the student to global problems of poverty and hunger. The core of the course is an experiential Alternative Spring Break program at Heifer International’s Heifer Farm in Massachusetts. The participants engage in a range of activities to challenge and strengthen problem-solving and communication skills. Throughout the 5-day program, the students will experience lifestyles from around the world and engage in service work, community building, and hands-on learning activities focused on hunger, sustainable development and caring for the earth. This course is scheduled over the Medaille College spring
break (leave Sunday and return Friday) and includes travel time to and from Massachusetts. Students will be responsible to pay a fee established by Heifer International. One to three credit hours. Prerequisites and/or Special Considerations: VET 100. Offered fall/spring semester, as needed.

**VET 377 SPECIALTY PRECEPTORSHIP**

This preceptorship course will provide the upper-level student with the opportunity to explore an advanced topic in veterinary practice and medicine within the hospital or clinic setting. The course will be individually tailored, and is based on the specialty or topic select by the student. The course consists of 90 hours of experience working with a mentor within the selected veterinary practice. Three credit hours. Prerequisites and/or Special Considerations: VET 277, completion of courses appropriate for specialty application, completion of application form, identification of veterinary technician specialty, transcript including current GPA and letter of recommendation from Medaille instructor, letter of recommendation from VET 277 site supervisor, restricted to VET majors. Offered fall/spring semester, as needed.

**VET 398 SPECIAL TOPIC IN VETERINARY TECHNOLOGY**

Topic to be specified each semester course offered.

**VET 400 ADVANCED DENTAL TECHNIQUES**

Periodontal treatment as part of the basic dental prophylaxis is highlighted and practiced in hands-on demonstrations. Other advanced techniques for situations commonly encountered in small animal veterinary practice are studied. Emphasis is placed on the veterinary technicians’ understanding of dental lesions and pathology and their relationship to periodontics and exodontics. The enlarging role of the veterinary technician in providing these therapies is given prominence. Three credit hours. Prerequisites and/or Special Considerations: VET 301. Offered fall/spring semester, as needed.

**VET 401 SPECIALIZATION IN VETERINARY DENTISTRY**

This course focuses on the specialized areas of veterinary dentistry that are applicable to small animal species. Those interested in pursuing specialty certification or in employment with a veterinary dental specialist will find the presented material to be informative, useful and necessary. Topics covered will include endodontics, restorative dentistry, orthodontics and prosthodontics. Three credit hours. Prerequisites and/or Special Considerations: VET 400. Offered fall/spring semester, as needed.

**VET 410 SMALL ANIMAL NUTRITION IN HEALTH AND DISEASE**

This course is designed to provide veterinary technicians with advanced knowledge of nutritional management in small animals. Topics covered include neonatal, pediatric and geriatric nutrition.
in both health and disease states. Enteral and parenteral forms of nutrition will be explored. Students will be awarded the title of Veterinary Nutritional Advocate through Hill’s Pet Nutrition after completion of the course. Three credit hours. Prerequisites and/or Special Considerations: VET 202. Offered fall/spring semester, as needed.

**VET 440 APPLIED ANIMAL BEHAVIOR FOR VETERINARY PRACTICE: PART II**

A continuation of the specialized study into the common behavioral problems of dogs and cats. Treatments are presented that utilize principles of behavior modification and current behavioral pharmacology. Learning to “choose the right pet” is one example of the prevention recommendations that will be discussed. Case studies will be integrated into classroom and clinical experiences. Three credit hours. Prerequisites and/or Special Considerations: VET 340, or licensure as a Veterinary Technician. Offered fall/spring semester, as needed.

**VET 450 ANESTHESIA FOR CANINE AND FELINE HIGH RISK PATIENTS**

An in-depth coverage of anesthetizing the problematic and medically challenging small animal patient. Pre-anesthesia planning, treating complicated physical conditions and choosing appropriate anesthetic protocols will be integrated. The role of analgesia during the four components of general anesthesia will be emphasized. Three credit hours. Prerequisites and/or Special Considerations: VET 224, or licensure as a Veterinary Technician. Offered fall/spring semester, as needed.

**VET 460 SMALL ANIMAL EMERGENCY AND CRITICAL CARE I**

A body system approach is used in examining in depth the physiology, treatment and care of emergency and critical care cases seen in practice. Physical findings, appropriate diagnostic testing, initial treatment, appropriate monitoring and follow-up are emphasized. The cardiovascular, respiratory, neurologic and urinary systems are covered. Hematologic, toxicologic and thermal emergencies are also explored, as well as shock, anesthetic emergencies and allergic reactions, which are pansystemic. Clinical cases will be utilized in the course of study. Three credit hours. Prerequisites and/or Special Considerations: VET 220, VET 204, VET 208, and VET 360. Offered fall/spring semester, as needed.

**VET 461 SMALL ANIMAL EMERGENCY AND CRITICAL CARE II**

This course is a continuation of the study of presentations in emergency and critical care by body system. Cases in the gastrointestinal tract, male and female reproductive systems, ocular, otic and dermatologic system will be examined. Emergencies involving the endocrine system and metabolic emergencies will be covered in detail. An overview of the approach to treating musculoskeletal and soft tissue injuries will be included. Case studies will again be utilized.
Three credit hours. Prerequisites and/or Special Considerations: VET 460. Offered fall/spring semester, as needed.

**VET 498 INDEPENDENT STUDY IN VETERINARY TECHNOLOGY**

Topic to be specified each semester course offered.

**NON-TRADITIONAL UNDERGRADUATE ACADEMIC PROGRAMS (ADULT/ONLINE)**

**Adult/Online mission**

Medaille College provides high quality academic programs designed to accommodate non-traditional students. These academic programs are structured around self-directed and collaborative learning situations, the meaningful integration of theory and practice, an emphasis on meeting individual student needs, and a commitment to innovative instructional methods and technology.

Furthermore, these programs are dedicated to excellence in teaching and professional and student development, as well as to serving both the College and the community. These programs are committed to the maximum development of its human resources - students and faculty - and strive to create an atmosphere characterized by inquiry, openness, and professionalism. The neon-traditional faculty are actively engaged in providing high quality degrees that develop lifelong, pro-active, adult learning skills through applied instruction and in cultivating and sustaining partnerships with the academic, business, and public communities.

**Adult/Online Learning Goals**

1. To provide a relevant and innovative education which prepares individuals for professional careers and lifelong learning
2. To develop in all students the interpersonal skills necessary for effective participation in teams and group
3. To enhance the analytical, critical thinking, and decision-making skills of each individual student
4. To develop and cultivate a sense of purpose, responsibility, and ethical behavior among individual
5. To enhance the student’s written and spoken communication skill
6. To develop proficiency in the application of computer technologies.
Fundamentals of Adult/Online Learning

These academic programs are designed based on these fundamental concepts:

1. The use of academically qualified business professionals to teach courses which integrate theory and practice in a meaningful way
2. Emphasis on an instructional model that uses small groups of experienced adults in collaborative learning situations to solve management problems
3. Reliance on self-directed learning and highly motivated adult learners
4. A standardized sequence of courses and established curriculum that is regularly reviewed and updated by Medaille faculty and other business professionals
5. Special emphasis on meeting individual student needs; an
6. A commitment to innovation and non-traditional instructional methods and technology.

Adult/Online Unique strengths

1. **Acceleration:** The fast paced learning of the program places much of the learning responsibility with the student. Students are expected to spend considerable time each week preparing for class. Because courses run for only seven weeks, every meeting is important.

2. **Collaborative Cohort Learning:** Most non-traditional students are members of a learning community: their cohort. Students will find that collaboration is a significant part of their learning experience. Faculty believe that non-traditional students bring with them meaningful life experiences and that collaboration facilitates efficient learning, high student motivation, effective teamwork, and increased self-confidence. Students learn from classmates and help them to learn.

3. **Facilitation:** The role of the instructor is to guide and stimulate the class; some courses will have little formal lecturing. Students are expected to be actively involved in the classroom learning environment.

4. **Variety of Instructional Formats:** Teaching strategies include: seminars, small groups, experiential learning, simulations, presentations, and brainstorming. Case studies and research projects are used extensively. Up-to-date course management software and wireless connectivity on both campuses allows instructors to incorporate online research and sources, virtual experiences, and video conferencing.

5. **Adult Learning:** Students are responsible for their own education. The role of staff and instructors is to facilitate students’ exposure to learning experiences; students are responsible for assimilating the information. The program provides appropriate learning opportunities; students must decide how these opportunities will be used.

General Education Requirements

General Education requirements are detailed on each undergraduate student degree completion plan and should be reviewed with his/her advisor prior to starting the program. If additional
credit hours are required to reach 120 credit hours, including the fulfillment of general education requirements, they may be obtained in the following ways:

- Take five online electives
- Additional Medaille College courses
- Traditional or online college courses from regionally accredited institutions
- Credit for Prior Learning
- Challenge Exams
- Credit by Examination - RCE, CLEP, DSST
- Independent Study

It is strongly recommended that degree requirements be completed within a year of finishing a program sequence. If a student has outstanding credits to complete following the completion of a program sequence, he/she must complete at least one course per year to maintain an active enrollment status with Medaille. If one year lapses in which the student does not complete a course, he or she may be subject to new admission and graduation requirements, as well as new tuition pricing levels, and will be required to reapply for admission to the program.

**Online Netiquette Expectations**

Regular, professional, and concise communication is paramount in online communication. Online students and instructors are expected to adhere to standard netiquette rules for course communications. Netiquette reflects expected online behavior for students and faculty, establishing a ground rules that will promote effective online interaction and positive learning experiences. Simply stated, netiquette defines good manners on the Internet. Students should note the following additional considerations for online courses:

- Be polite and reflective; think about what is being written so not to offend others. Work should be thoughtful and supportive, not opinionated.
- Address classmates by name. Own name should be signed to work on discussion boards and in e-mail.
- Do not type the entire message in all capital letters; most people find this ANNOYING. It is like yelling at someone on the computer.
- Keep the discussion board posts relevant and concise. Since all class members must read through all posts, avoid rambling, repetition, or opinionated arguments that are not supported by research. Respect other people’s time.
- Treat others as respectfully. Find a way to share a difference of opinion without verbal abuse or insults.
- Respect copyrights. There is a wealth of information on the Internet, and as an online student, the work, words, and ideas of others will be accessed. However, failing to attribute work to its true originator can feel like theft. Be scrupulous about citing sources.
- Use proper grammar and spelling. Abbreviated words, web jargon, and emoticons can wear thin and do nothing to increase skills in professional communication. Use spell
check if needed and remember to establish web habits that will be used successfully through a professional career. Standard typing, grammar, spelling, punctuation and APA rules apply.

- Never put anything in writing that would cause embarrassment. Keep even private discussions appropriate and avoid profanity. Nothing is ever truly gone on the web and will reappear.
- For all e-mail communication online student and instructors have been directed to use the Medaille e-mail system. There is additional e-mail capability within each Blackboard course, but mail sent within Blackboard will not be available after the course has closed.
- Instructors will publish their times of availability, including periods of time during the week when the instructor is not available. Online instructors have been asked to check their e-mail at least once a day while teaching, but keep in mind that online access does not necessarily mean immediate response. It is most likely that the instructor may share in the same work and family responsibilities. Every effort will be made to address student concerns promptly, and consideration will be appreciated. Students should expect an instructor to return a phone or e-mail message within a day or two.
- Keep in mind that others in the course cannot see facial expressions or body language. This makes joking or sarcasm tricky to pull off successfully online. The only interaction with classmates will be the typed letters on a computer screen. For that reason, reread work carefully before sending or submitting; make sure it says exactly what it should. Once it has been sent, it cannot be retrieved.
- Treat team members with the same respect reserved for the instructor and other classmates. Students are expected to contribute fully in all team activities.
- Online teams are not expected to carry or cover for non-performing team members.
- Students are expected to participate in individual and learning team discussion boards each week, in addition to weekly and team assignments. Standard netiquette rules are especially important on individual and team discussion boards. Students may also communicate with each other outside of the course management system. Medaille cannot monitor these communications; however students are expected to adhere to the same standards that apply in the course management system.

**Responsibilities of Online Students**

The non-traditional learning environments found in these programs make some additional demands on its students. These include:

- Students should arrive at class (and at group meetings) fully prepared to participate and contribute to activities.
- Students are responsible for initiating contact with the instructor if they have missed a class, a test, or an assignment.
- Students are responsible for acquiring and maintaining an adequate laptop computer. Medaille will provide software, wireless Internet access, and appropriate IT support.
- Students are expected to comply with the policies and procedures outlined in this section of the catalog.
• Cohorts are encouraged to discuss and establish guidelines or operating principles that govern group-specific issues such as cell phone use and food in the classroom. On the first session of each course, the cohort should review this discussion with the new instructor.

**Time-On-Task**

In order to ensure adequate time-on-task for online courses, students are expected to complete a minimum time-on-task for learning activities. Please refer to the chart below for minimal-time on-task requirements.

(Source: [http://www.highered.nysed.gov/ocue/ded/policies.html](http://www.highered.nysed.gov/ocue/ded/policies.html)).

Time on task is the total learning time spent by a student in a college course, including instructional time as well as time spent studying and completing course assignments (e.g., reading, research, writing, individual and group projects.) Regardless of the delivery method or the particular learning activities employed, the amount of learning time in any college course should meet the requirements of Commissioner's Regulation Section 50.1 (o), a total of 45 hours for one semester credit (in conventional classroom education this breaks down into **15 hours of instruction plus 30 hours of student work/study out of class, per credit hour.**)

"Instruction" is provided differently in online courses than in classroom-based courses. Despite the difference in methodology and activities, however, the total "learning time" online can usually be counted. Rather than try to distinguish between "in-class" and "outside-class" time for students, the faculty member developing and/or teaching the online course should calculate how much time a student doing satisfactory work would take to complete the work of the course, including:

• reading course presentations/ "lectures"
• reading other materials
• participation in online discussions
• doing research
• writing papers or other assignments
• completing all other assignments (e.g. projects)

**TIME-ON-TASK FOR ONLINE COURSES**

<table>
<thead>
<tr>
<th>Course Credit</th>
<th>Total Time On-Task for Online Courses</th>
<th>Minimum Time On-Task Per Week (7 Weeks)</th>
<th>Minimum Time On-Task Per Week (15 Weeks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Credit</td>
<td>45 Hours</td>
<td>6.4 Hours</td>
<td>3 Hours</td>
</tr>
<tr>
<td>2 Credits</td>
<td>90 Hours</td>
<td>12.9 Hours</td>
<td>6 Hours</td>
</tr>
<tr>
<td>3 Credits</td>
<td>135 Hours</td>
<td>19.3 Hours</td>
<td>9 Hours</td>
</tr>
</tbody>
</table>

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### TIME-ON-TASK FOR ON-GROUND COURSES

<table>
<thead>
<tr>
<th>Course Credit</th>
<th>Total Time On-Task for On-Ground Courses</th>
<th>Minimum Time On-Task Per Week (7 Weeks)</th>
<th>Minimum Time On-Task Per Week (15 Weeks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Credit</td>
<td>15 Hours</td>
<td>7.5 In Class Hours</td>
<td>1 In Class Hour</td>
</tr>
<tr>
<td></td>
<td>30 Outside of Class Hours</td>
<td>4.3 Outside of Class Hours</td>
<td>2 Outside of Class Hours</td>
</tr>
<tr>
<td>2 Credits</td>
<td>30 In Class Hours</td>
<td>4.3 In Class Hours</td>
<td>6 in Class Hours</td>
</tr>
<tr>
<td></td>
<td>60 Outside of Class Hours</td>
<td>8.6 Outside of Class Hours</td>
<td>4 Outside of Class Hours</td>
</tr>
<tr>
<td>3 Credits</td>
<td>45 in Class Hours</td>
<td>6.4 In Class Hours</td>
<td>3 In Class Hours</td>
</tr>
<tr>
<td></td>
<td>60 Outside of Class Hours</td>
<td>12.9 Outside of Class Hours</td>
<td>6.1 Outside of Class Hours</td>
</tr>
<tr>
<td>4 Credits</td>
<td>60 In Class Hours</td>
<td>8.6 In Class Hours</td>
<td>12.1 In Class Hours</td>
</tr>
<tr>
<td></td>
<td>120 Outside of Class Hours</td>
<td>17.1 Outside of Class Hours</td>
<td>8 Outside of Class Hours</td>
</tr>
</tbody>
</table>
Non-Traditional Undergraduate Academic Programs

A.S. BUSINESS/B.B.A. IN BUSINESS ADMINISTRATION

Delivery Formats

- **On-campus evening** students are enrolled in one four-credit, seven-week course at a time or may choose to take one on-campus course and one online course at the same time in order to achieve full time status.

- **On-campus day students** may enroll in up to four four-credit courses during each fourteen-week semester. An online capstone course is spread across three semesters and may be taken consecutively with four on-campus courses. If students desire to work at this pace, they can complete the requirements for a BBA in less than one year.

- **Online students** take one or two courses at a time; each course is seven weeks in length. Online instructional methods include mini-lectures, discussion boards, case studies, group projects, virtual labs, and simulations. Each four-credit course is a required component of the program.

The A.S. in Business can be used to earn an associate’s degree or simply to accumulate sufficient credits to transfer into a baccalaureate-level program, depending on the student’s educational goals.

Program Description

These bachelor- and associate- level degree programs are specifically designed for highly motivated, non-traditional students. Students may be working adults who have acquired learning through career experiences, professional or military schools, college or university courses, and in-service training; they may also be students of a more traditional age who are simply interested in completing their degree requirements in a manner that accommodates their work and family obligations.

The Bachelor of Business Administration degree program has been established with two entry points. Students who have completed the equivalent of a freshman and sophomore year (approximately 60 credits) enter the BBA Core, a 60-credit course sequence that includes junior- and senior-level courses. The BBA Core is offered in three formats: an on-campus day program, and on-campus evening program, and an online program.
Program Goals
The Bachelor of Business Administration (BBA) is designed to include courses in all the functional areas of business, management, and leadership. Students earn a degree that relates business theory to business practice, applying classroom concepts to real world situations.

Upon completion of the program, students will be able to:

1. Identify the principal concepts, theories, and practices in the functional areas of business.
2. Recognize the relevant theories and principles associated with the economic environment of business.
3. Evaluate the social and natural environments of business and apply them to the development of managerial strategy.
4. Recognize legal and ethical principles in business and apply them to organizational decision making.
5. Evaluate the global dimensions of business.
6. Apply business-related quantitative methods and information technology in support of management decision making.
7. Construct coherent written forms of communication.
8. Compose and present effective oral forms of communication.
9. Demonstrate analytical and critical thinking skills in the context of organizational decision making.
10. Integrate theory and practice across the business functional areas in the analysis of organizational problems and challenges.

Credit Distribution and Course Sequence

A.S. in Business (Online & On-campus)

**Note: Online students are required to successfully complete an online prep course by the end of their first online course.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 110</td>
<td>Accounting Concepts</td>
<td>4 credits</td>
</tr>
<tr>
<td>CIS 118</td>
<td>Computer Skills and Applications</td>
<td>4 credits</td>
</tr>
<tr>
<td>ENG 111</td>
<td>Writing Effective Essays</td>
<td>4 credits</td>
</tr>
<tr>
<td>ENG 201</td>
<td>Writing the Research Paper</td>
<td>4 credits</td>
</tr>
<tr>
<td>GEN 111</td>
<td>Critical and Academic Thought</td>
<td>4 credits</td>
</tr>
<tr>
<td>GEN 221</td>
<td>Cultural Interactions: Early American Experiences</td>
<td>4 credits</td>
</tr>
<tr>
<td>GEN 231</td>
<td>Creativity and Expression</td>
<td>4 credits</td>
</tr>
<tr>
<td>GEN 241</td>
<td>Scientific Methods and Discovery</td>
<td>4 credits</td>
</tr>
<tr>
<td>HIS 251</td>
<td>Perspectives: The World Today</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 121</td>
<td>Mathematical Applications</td>
<td>4 credits</td>
</tr>
</tbody>
</table>
MGT 112 Fundamentals of Management (4 credits)
MGT 231 Human Resource Fundamentals (4 credits)
MGT 265 Negotiation and Consensus (4 credits)
PHI 190 Ethical Issues for Today (4 credits)
PSY 101 General Psychology (4 credits)

**TOTAL CREDIT HOURS: 60**

### Credit Distribution and Course Sequence

**B.B.A. in Business Administration Core (On-campus & Evening)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 300 Critical Thinking and the Adult Learner</td>
<td>4</td>
</tr>
<tr>
<td>MGT 310 Contemporary Management and Leadership</td>
<td>4</td>
</tr>
<tr>
<td>ACC 304 Current Issues in Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>ENG 361 Advanced Business Report Writing</td>
<td>4</td>
</tr>
<tr>
<td>MAT 203 Statistics for Today’s Businesses</td>
<td>4</td>
</tr>
<tr>
<td>MKT 346 Managing the Marketing Function</td>
<td>4</td>
</tr>
<tr>
<td>ECO 301 Concepts in Economics</td>
<td>4</td>
</tr>
<tr>
<td>BUS 301 Legal and Ethical Issues in Business</td>
<td>4</td>
</tr>
<tr>
<td>FNS 203 Principles of Finance</td>
<td>4</td>
</tr>
<tr>
<td>MGT 366 Organizational Development and Behavior</td>
<td>4</td>
</tr>
<tr>
<td>ACC 315 Accounting Analysis and Decision Making</td>
<td>4</td>
</tr>
<tr>
<td>BUS 445 Case Studies in Global Strategy</td>
<td>4</td>
</tr>
<tr>
<td>BUS 476 Business Strategy Capstone</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
</tbody>
</table>

*Free/Transfer Credits: 60

**TOTAL CREDIT HOURS: 120**

### Credit Distribution and Course Sequence

**B.B.A. in Business Administration Core (Day)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 303 Critical Thinking and Learning and Learning</td>
<td>4</td>
</tr>
<tr>
<td>MGT 310 Contemporary Management and Leadership</td>
<td>4</td>
</tr>
</tbody>
</table>

*Free/Transfer Credits: 60

**TOTAL CREDIT HOURS: 120**
ACC 304 Current Issues in Financial Accounting (4 credits)
ENG 361 Advanced Business Report Writing (4 credits)
MAT 203 Statistics for Today’s Businesses (4 credits)
MKT 346 Managing the Marketing Function (4 credits)
ECO 301 Concepts in Economics (4 credits)
BUS 301 Legal and Ethical Issues in Business (4 credits)
FNS 203 Principles of Finance (4 credits)
MGT 366 Organizational Development and Behavior (4 credits)
ACC 315 Accounting Analysis and Decision Making (4 credits)
BUS 445 Case Studies in Global Strategy (4 credits)
BUS 470 Business and Strategy Capstone 1 (1 credit)
BUS 471 Business and Strategy Capstone 2 (1 credit)
BUS 472 Business and Strategy Capstone 3 (2 credits)
Elective (4 credits)
Elective (4 credits)
*Free/Transfer Credits: 60

**Note:  Students need approximately two years of college credits to begin the core sequence. Medaille offers undergraduate coursework to help a student reach this minimum credit level.

Credit Distribution and Course Sequence

**B.B.A. in Business Administration Core (Online)**

**Note: Online students are required to successfully complete an online prep course by the end of their first online course.

GEN 310 Critical Thinking and Online Studies (4 credits)
MGT 310 Contemporary Management and Leadership (4 credits)
ACC 304 Current Issues in Financial Accounting (4 credits)
ENG 361 Advanced Business Report Writing (4 credits)
MAT 203 Statistics for Today’s Businesses (4 credits)
MKT 346 Managing the Marketing Function (4 credits)
ECO 301 Concepts in Economics (4 credits)
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 301 Legal and Ethical Issues in Business</td>
<td>4</td>
</tr>
<tr>
<td>FNS 203 Principles of Finance</td>
<td>4</td>
</tr>
<tr>
<td>MGT 366 Organizational Development and Behavior</td>
<td>4</td>
</tr>
<tr>
<td>ACC 315 Accounting Analysis and Decision Making</td>
<td>4</td>
</tr>
<tr>
<td>BUS 445 Case Studies in Global Strategy</td>
<td>4</td>
</tr>
<tr>
<td>BUS 476 Business Strategy Capstone</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
<tr>
<td>Elective</td>
<td>4</td>
</tr>
</tbody>
</table>

*Free/Transfer Credits: 60

**Total Credit Hours: 120**

**Note: Students need approximately two years of college credits to begin the core sequence. Medaille offers undergraduate coursework to help a student reach this minimum credit level.
A.S. / B.S. IN GENERAL STUDIES

Delivery Formats
- On-campus (Day or Evening)
- Online

Program Description
The A.S. in General Studies and the B.S. in General Studies programs are designed to produce a well-rounded critical thinker with the ability to analyze and synthesize disparate topics, function effectively in workplace teams, and direct his/her actions based on an understanding of ethical behavior and personal responsibility. Built around a core of general education goals, the General Studies program provides a flexible scaffold upon which students may assemble a unique program of study designed to accommodate individual needs, interests, and experiences.

The A.S. in General Studies and the B.S. in General Studies are programs where students will complete one, four-credit course every eight weeks. Previously earned transfer credits from accredited institutions may be used to fulfill required and elective courses. Based upon the student’s transfer credits, general education requirements, and selection of free electives from any Medaille College’s currently approved courses, a student and his/her advisor will build a program schedule that fulfills program requirements while allowing the student to maintain full-time status.

- Students are permitted to transfer up to 45 credits into the A.S. in General Studies.
- Students are permitted to transfer up to 90 credits into the B.S. in General Studies.

Program Goals
To develop in all students the interpersonal skills necessary for effective participation in teams and groups.

1. To enhance the analytical, critical thinking, and decision-making skills of each individual student.
2. To develop and cultivate a sense of purpose, responsibility, and ethical behavior among individuals.
3. To enhance the student’s written and spoken communication skills.
4. To develop proficiency in the application of computer technologies.
**A.S. IN GENERAL STUDIES**

**Note:** Online students are required to successfully complete an online prep course by the end of their first online course.

### Humanities (6 credits)
Minimum of 6 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 8 credits per recommended sequence below. One HUM course must be a writing course.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111 Writing Effective Essays (4) or equivalent</td>
<td></td>
</tr>
<tr>
<td>ENG 201 Writing the Research Paper (4) or equivalent</td>
<td></td>
</tr>
</tbody>
</table>

### Natural Sciences (3 credits)
Minimum of 3 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 4 credits per recommended sequence below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 241 Scientific Methods and Discovery (4)</td>
<td></td>
</tr>
</tbody>
</table>

### Ethics (3 credits)
Minimum of 3 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 4 credits per recommended sequence below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 190 Ethical Issues for Today (4) or equivalent</td>
<td></td>
</tr>
</tbody>
</table>

### Mathematics (3 credits)
Minimum of 3 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 4 credits per recommended sequence below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 121 Mathematical Applications (4) or equivalent</td>
<td></td>
</tr>
</tbody>
</table>

### Social Sciences (6 credits)
Minimum of 6 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 8 credits per recommended sequence below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 221 Cultural Interactions: Early American Experiences (4)</td>
<td></td>
</tr>
<tr>
<td>HIS 251 Perspectives: The World Today (4)</td>
<td></td>
</tr>
</tbody>
</table>

### Liberal Arts and Science Electives (9 credits)
Electives include, but are not limited to:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 111 Critical and Analytical Thought (4)</td>
<td></td>
</tr>
<tr>
<td>GEN 231 Creative Expression (4)</td>
<td></td>
</tr>
<tr>
<td>PSY 101 General Psychology (4)</td>
<td></td>
</tr>
</tbody>
</table>

### Free Electives (30 credits)
Students may take any College course.

**Total Credit Hours: 60**
**B.S. IN GENERAL STUDIES**

**Humanities (6 credits)**
Minimum of 6 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 8 credits per recommended sequence below. One HUM course must be a writing course.

- ENG 111 Writing Effective Essays (4) or equivalent
- ENG 201 Writing the Research Paper (4) or equivalent

**Natural Sciences (3 credits)**
Minimum of 3 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 4 credits per recommended sequence below:

- GEN 241 Scientific Methods and Discovery (4)

**Ethics (3 credits)**
Minimum of 3 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 4 credits per recommended sequence below:

- PHI 190 Ethical Issues for Today (4) or equivalent

**Mathematics (3 credits)**
Minimum of 3 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 4 credits per recommended sequence below:

- MAT 121 Mathematical Applications (4) or equivalent

**Social Sciences (6 credits)**
Minimum of 6 credits if utilizing transfer credits and/or a combination of transfer and Medaille credits; 8 credits per recommended sequence below:

- GEN 221 Cultural Interactions: Early American Experiences (4)
- HIS 251 Perspectives: The World Today (4)

**Liberal Arts and Science Electives (21 credits)**
Electives include, but are not limited to:

- GEN 111 Critical and Analytical Thought (4)
- GEN 231 Creative Expression (4)
- PSY 101 General Psychology (4)

**Computer (3 credits)**

- CIS 118 Computer Skills and Applications (4) or
- CIS 160 Essential Technologies for Today (4)

**Upper Level Liberal Arts and Science Electives (15 credits)**

- GEN 310 Critical Thinking and Online Studies (4)
- ENG 361 Advanced Business Report Writing (4)
- MAT 203 Statistics for Today’s Business (4)
BPS IN HEALTH INFORMATION MANAGEMENT

Delivery Format
- Online

Program Description
Needs within the healthcare system continue to shift, making the role of the health information professional increasingly vital. The Bachelors of Professional Studies in Health Information Management prepares students to collect, maintain, interpret, analyze and protect data that is essential for providing quality, effective and efficient patient care. The program includes courses in the management of data with emphasis on electronic health data (the EHR), the analysis of information for patient care, financial and statistical purposes as well as auditing, trending and benchmarking. If students are interested in healthcare in a broader sense and want to create a better experience for patients behind the scenes, then Healthcare Information Management may be the right fit. Students should be interested in data management and analysis, technology, interacting with physicians and working collaboratively towards a common goal.

Program Goals
1. To develop proficiency in the competencies, skills, and knowledge of health information management, including privacy and security, health databases, principles of management and leadership, professional certification and computer technologies
2. To develop in all students the interpersonal skills necessary for effective participation in teams and groups
3. To enhance the analytical, critical thinking, and decision-making skills of each individual student
4. To develop and cultivate a sense of purpose, responsibility, and ethical behavior among individuals, especially in regard to the legal and ethical issues related to protected health information
5. To enhance the student’s written and spoken communication skills
6. To develop proficiency in the application of computer technologies.

Course Sequence
**Note: Online students are required to successfully complete an online prep course by the end of their first online course.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 310 Critical Thinking and Online Studies</td>
<td>4</td>
</tr>
<tr>
<td>HIA 321 Health Information Theory and Practice</td>
<td>4</td>
</tr>
</tbody>
</table>

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365
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIA 322</td>
<td>The Legal Health Record</td>
<td>4</td>
</tr>
<tr>
<td>HIA 330</td>
<td>Information Systems &amp; Technology</td>
<td>4</td>
</tr>
<tr>
<td>HIA 334</td>
<td>The Electronic Health Record</td>
<td>4</td>
</tr>
<tr>
<td>BIO 312</td>
<td>Pathophysiology and Pharmacology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 313</td>
<td>Pathophysiology and Pharmacology II</td>
<td>4</td>
</tr>
<tr>
<td>HIA 405</td>
<td>Managing the Coding Process for Inpatients</td>
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<tr>
<td>HIA 406</td>
<td>Managing the Coding Process for Outpatients</td>
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<tr>
<td>HIA 407</td>
<td>Reimbursement Methodologies</td>
<td>4</td>
</tr>
<tr>
<td>HIA 408</td>
<td>Financial and Revenue Cycle Management</td>
<td>4</td>
</tr>
<tr>
<td>HIA 333</td>
<td>Healthcare Statistics, Research, and Quality Improvement</td>
<td>4</td>
</tr>
<tr>
<td>HIA 440</td>
<td>Management and Organization for Health Professions</td>
<td>4</td>
</tr>
<tr>
<td>HIA 460</td>
<td>HIA Management Capstone</td>
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</tr>
<tr>
<td>HIA 470</td>
<td>Professional Review and Certification</td>
<td>4</td>
</tr>
</tbody>
</table>

*Free/Transfer Credits: 60

**Total Credit Hours: 120**

**BRIDGE SEQUENCE (24 Credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIA 197</td>
<td>Essentials of Healthcare Delivery</td>
<td>4</td>
</tr>
<tr>
<td>HIA 198</td>
<td>Health Information Technology</td>
<td>4</td>
</tr>
<tr>
<td>MAT 203</td>
<td>Statistics for Today’s Business</td>
<td>4</td>
</tr>
<tr>
<td>HIA 123</td>
<td>Medical Terminology</td>
<td>4</td>
</tr>
<tr>
<td>BIO 140</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIO 141</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
</tbody>
</table>

**Note:** The BPS-HIM Program is an online degree completion sequence, one of several developed for working adults who have already earned college credits and have significant work experience in the field. A BPS-HIM Bridge course sequence is available to students who do not have the necessary credits.
B.S. IN HOMELAND SECURITY

Delivery Format
- Online
- On-campus (Buffalo Campus only)

Program Description
Emergency preparedness has long been an important part of government policy at the federal, state, and local levels; within the last decade the concept of homeland security has been developed to incorporate emergency management as well as the task of protecting the United States from terrorist attacks. The B.S. in Homeland Security program teaches the theories, models, tools, and techniques needed to effectively prepare for and mitigate the effects of natural, manmade, or terrorist disasters. The Homeland Security curriculum is designed to give students both theoretical and practical knowledge in homeland security, terrorism, domestic and international law, and emergency management. The curriculum supports the development of a global perspective, enhanced interpersonal skills, and an increased awareness of the current state of homeland security.

The Homeland Security program is offered as a non-traditional degree completion program for adult learners. Students entering directly into the Homeland Security Core sequence must transfer in at least applicable 60 credits. Students without transfer credits may enter the AS in Business, and then move into the Homeland Security Core.

Program Goals
The Homeland Security program focuses on using information systems to confront and resolve business and management problems, meeting the operation needs of business organizations. The goals of the program include:
1. To provide a relevant and innovative education that prepares individuals for professional careers and lifelong learning
2. To develop in all students the interpersonal skills necessary for effective participation in teams and groups
3. To enhance the analytical, critical thinking, and decision-making skills of each individual student
4. To develop and cultivate a sense of purpose, responsibility, and ethical behavior among individuals
5. To enhance the student’s written and spoken communication skills

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6. To develop proficiency in the application of theoretical and practical knowledge of homeland security, terrorism, international and domestic law, and emergency preparedness.

**Course Sequence**

**Note:** Online students are required to successfully complete an online prep course by the end of their first online course.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 310 Critical Thinking and Online Studies (online students)</td>
<td>4</td>
</tr>
<tr>
<td>GEN 300 Critical Thinking and the Adult Learner (on-ground students)</td>
<td>4</td>
</tr>
<tr>
<td>CRJ 470 Government Leadership Challenges in Homeland Security</td>
<td>4</td>
</tr>
<tr>
<td>CRJ 305 Securing the Homeland</td>
<td>4</td>
</tr>
<tr>
<td>HLS 300 Administering Homeland Security</td>
<td>4</td>
</tr>
<tr>
<td>CRJ 301 Homeland Security: Issues and Impact</td>
<td>4</td>
</tr>
<tr>
<td>CRJ 430 Homeland Security Topics in Cybersecurity, Cybercrime, and Cyberterrorism</td>
<td>4</td>
</tr>
<tr>
<td>HIS 320 History of Terrorism</td>
<td>4</td>
</tr>
<tr>
<td>POL 340 Systems of International Terrorism</td>
<td>4</td>
</tr>
<tr>
<td>POL 341 Systems of Domestic Terrorism</td>
<td>4</td>
</tr>
<tr>
<td>POL 320 International Legal Systems</td>
<td>4</td>
</tr>
<tr>
<td>POL 321 The Constitution and the Patriot Act</td>
<td>4</td>
</tr>
<tr>
<td>POL 422 International Political Systems and Homeland Security</td>
<td>4</td>
</tr>
<tr>
<td>MGT 375 Principles of Emergency Management</td>
<td>4</td>
</tr>
<tr>
<td>HLS 402 Managing Natural Disasters</td>
<td>4</td>
</tr>
<tr>
<td>HLS 403 Managing Manmade Disasters</td>
<td>4</td>
</tr>
<tr>
<td>*Free/Transfer Credits: 60</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL CREDIT HOURS: 120**

**Note:** The BS in Homeland Security is an online degree completion program. Students need approximately two years of college credits to begin the core sequence. Medaille offers undergraduate coursework to help a student reach this minimum credit level.
BBA IN INFORMATION SYSTEMS

Delivery Format
- Online

Program Description
Information Systems is designed to teach theories, models, tools, and techniques needed to use information technology in innovative and effective business administration. Information Systems (IS) is defined as the use of computers and information to enable people and organizations to be more creative and productive. This is a degree developed for adults who can demonstrate a minimum level of experience in information systems and may or may not have college credits.

Program Goals
The Information Systems program focuses on using information systems to confront and resolve business and management problems. The goals of the program include:
1. To develop proficiency in the application of information systems, including the identification of IS requirements, the design and development of IS systems, and the implementation of IS in business situations.
2. To develop in all students the interpersonal skills necessary for effective participation in teams and groups.
3. To enhance the analytical, critical thinking, and decision-making skills of each individual student.
4. To develop and cultivate a sense of purpose, responsibility, and ethical behavior among individuals.
5. To enhance the student’s written and spoken communication skills.
6. To develop proficiency in the application of computer technologies.

Course Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN 310 Critical Thinking and Online Study</td>
<td>4</td>
</tr>
<tr>
<td>BIS 290 Fundamentals of Information Systems</td>
<td>4</td>
</tr>
<tr>
<td>BIS 300 Database Design and Development</td>
<td>4</td>
</tr>
<tr>
<td>ENG 361 Advanced Business Report Writing</td>
<td>4</td>
</tr>
<tr>
<td>BIS 350 Computer Architecture</td>
<td>4</td>
</tr>
<tr>
<td>BIS 355 Information Systems Security Policy and Procedure</td>
<td>4</td>
</tr>
<tr>
<td>MAT 205 Math for Information Systems</td>
<td>4</td>
</tr>
<tr>
<td>ACC 304 Current Issues in Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------------</td>
</tr>
<tr>
<td>MGT 362</td>
<td>Information Systems Management Theory</td>
</tr>
<tr>
<td>MGT 366</td>
<td>Organizational Development and Behavior</td>
</tr>
<tr>
<td>BUS 420</td>
<td>E-Business Strategy and Design</td>
</tr>
<tr>
<td>BIS 400</td>
<td>Systems Analysis</td>
</tr>
<tr>
<td>BUS 430</td>
<td>Business Data Communications</td>
</tr>
<tr>
<td>BIS 410</td>
<td>Distributed Systems Development</td>
</tr>
<tr>
<td>BIS 480</td>
<td>Project Management Capstone</td>
</tr>
</tbody>
</table>

*Free/Transfer Credits: 60

**Total Credit Hours: 120

**Note:** The BBA-IS Program is an online degree completion program. Students need approximately two years of college credits to begin the core sequence. Medaille offers undergraduate coursework to help a student reach this minimum credit level.
A.A.S. IN VETERINARY TECHNOLOGY (ON-GROUND)

Delivery Format
- On-campus (Evening) Rochester Campus only

Program Description
The A.A.S. in Veterinary Technology provides students with classroom instruction, group study, and clinical experiences needed to perform effectively as veterinary technicians. The curriculum is designed to provide the necessary credentials for students to sit for the Veterinary Technician National Exam (VTNE), as well as satisfy New York State Education requirements for professional licensure as a veterinary technician.

The curriculum for the A.A.S. in Veterinary Technology has been constructed to include the Curriculum and Essential Tasks (didactic and psychomotor) required and recommended by the Committee on Veterinary Technician Education and Activities/American Veterinary Medical Association (CVTEA/AVMA). Special attention has been given to the organization and presentation of subject areas to fit the hours of classroom instruction, group study, and clinical experiences.

The A.A.S. reflects a terminal degree program which will provide the necessary credentials for taking the Veterinary Technician National Exam (VTNE) and satisfy New York State Education requirements for professional licensure as a Veterinary Technician. Licensed veterinarians and veterinary technicians serving as faculty and staff in Medaille’s Veterinary Technology Department have been instrumental in designing and writing the A.A.S. in Veterinary Technology.

This innovative program provides an educational and veterinary technician licensing opportunity for those employed full-time in some capacity in a veterinary practice or other career pathway and wishing to become a professional veterinary technician.

To graduate with an Associate in Applied Science degree, students must complete all required courses with not less than an overall 2.0 (C) average and not less than a 2.0 (C) average in Veterinary Technology courses. Majors in this program may not take any Veterinary Technology course as a Pass/Fail. The Veterinary Technology program requires student time beyond scheduled class. Travel to and from instructional programs held off the Rochester Campus, such as farm animal labs, necessitates additional student time.

Program Goals
1. To provide a relevant and innovative education that prepares individuals for professional careers and lifelong learning.
2. To develop in all students the interpersonal skills necessary for effective participation in teams and groups.
3. To enhance the analytical, critical thinking, and decision-making skills of each individual student.
4. To develop and cultivate a sense of purpose, responsibility, and ethical behavior among individuals.
5. To enhance the student’s written, spoken, and technological skills.
6. To obtain the knowledge and develop proficiency in clinical and practical veterinary medicine in order to take the Veterinary Technician National Exam (VTNE) and satisfy New York State Education requirements for professional licensure as a veterinary technician.

**Course Sequence (On-Ground)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 172</td>
<td>Comparative Anatomy and Physiology for Veterinary Science</td>
<td>4 credits</td>
</tr>
<tr>
<td>CIS 118</td>
<td>Computer Skills and Applications</td>
<td>4 credits</td>
</tr>
<tr>
<td>ENG 111</td>
<td>Writing Effective Essays</td>
<td>4 credits</td>
</tr>
<tr>
<td>GEN 131</td>
<td>Critical Thinking and Health Sciences</td>
<td>4 credits</td>
</tr>
<tr>
<td>MAT 121</td>
<td>Mathematical Applications</td>
<td>4 credits</td>
</tr>
<tr>
<td>SPE 242</td>
<td>Public Speaking Skills and Techniques</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 101</td>
<td>Introduction to Veterinary Technology</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 180</td>
<td>Care and Management of Exotic and Laboratory Animals</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 205</td>
<td>Veterinary Clinical Laboratory Techniques</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 249</td>
<td>Clinical Experiences I</td>
<td>3 credits</td>
</tr>
<tr>
<td>VET 250</td>
<td>Clinical Experiences II</td>
<td>3 credits</td>
</tr>
<tr>
<td>VET 251</td>
<td>Clinical Case Study 1: Wellness and Preventative Medicine</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 252</td>
<td>Clinical Case Study 2: Integument &amp; Wound Healing and the Musculo-skeletal System</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 253</td>
<td>Clinical Case Study 3: Gastrointestinal System</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 254</td>
<td>Clinical Case Study 4: Cardiology, Respiration, and Hematology</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 255</td>
<td>Clinical Case Study 5: Reproduction, Urogenital and Endocrinology</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 256</td>
<td>Clinical Case Study 6: Neurology, Special Senses and Immunology</td>
<td>4 credits</td>
</tr>
<tr>
<td>VET 270</td>
<td>Veterinary Technology Capstone</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

**TOTAL CREDIT HOURS: 70**
A.A.S. IN VETERINARY TECHNOLOGY ONLINE

Delivery Format
- Online

Program Description
This is a unique Associate of Applied Science in Veterinary Technology Online program. First, it is offered in an online delivery format, combined with on-site clinical experiences. The program meets the needs of individuals who are not able through necessity of employment or other personal circumstances to attend a traditional, classroom-based academic program. The Veterinary Technology Online program parallels other AVMA accredited degree programs and its curriculum includes the subject content and the didactic and psychomotor essential tasks enumerated by the AVMA Committee of Veterinary Technician Educational Activities (CVTEA).

Those individuals within six months of graduation will be eligible to take the Veterinary Technician National (licensing) Exam (VTNE), nationally recognized by many states for licensure. Pending AVMA accreditation of the program, students from outside New York State should check with their local Board of Education regarding licensure eligibility. Students completing the AAS in Veterinary Technology Online will receive the terminal degree required for licensure in New York State as a Veterinary Technician.

Program Goals
The AAS in Veterinary Technology Online program provides instruction and clinical experiences needed to perform effectively as a veterinary technician. The AAS in Veterinary Technology Online curriculum provides the necessary credentials to take the Veterinary Technician National Exam (VTNE) and satisfies the New York State Education requirements for professional licensure as a veterinary technician.

The goals of the program include:
- To provide a relevant and innovative education that prepares individuals for professional careers in Veterinary Medicine and lifelong learning.
- To develop in all students the interpersonal skills necessary for effective participation in teams and groups.
- To enhance the analytical, critical thinking, and decision-making skills of each individual student.
- To develop and cultivate a sense of purpose, responsibility, and ethical behavior among individuals.
- To enhance the student’s written, spoken, and technological skills.
• To obtain knowledge and develop proficiency in clinical and practical veterinary medicine in order to take the Veterinary Technician National Exam (VTNE) and satisfy New York State Education requirements for professional licensure as a veterinary technician

**Credit distribution and Course Sequence (online)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 172</td>
<td>Comparative Anatomy and Physiology for Veterinary Science</td>
<td>4</td>
</tr>
<tr>
<td>CIS 118</td>
<td>Computer Skills and Applications</td>
<td>4</td>
</tr>
<tr>
<td>GEN 131</td>
<td>Critical Thinking and the Health Sciences</td>
<td>4</td>
</tr>
<tr>
<td>MAT 117</td>
<td>Mathematics for the Applied Sciences</td>
<td>4</td>
</tr>
<tr>
<td>SPE 242</td>
<td>Public Speaking Skills and Techniques</td>
<td>4</td>
</tr>
<tr>
<td>VET 101</td>
<td>Introduction to Veterinary Technology</td>
<td>3</td>
</tr>
<tr>
<td>VET 180</td>
<td>Care and Management of Exotic and Laboratory Animals</td>
<td>4</td>
</tr>
<tr>
<td>VET 203</td>
<td>Small Animal Diseases and Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>VET 207</td>
<td>Veterinary Clinical Lab Techniques</td>
<td>4</td>
</tr>
<tr>
<td>VET 209</td>
<td>Diagnostic Imaging</td>
<td>3</td>
</tr>
<tr>
<td>VET 221</td>
<td>Pharmacy and Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>VET 223</td>
<td>Farm Animal Diseases and Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>VET 225</td>
<td>Pain Management and Analgesia</td>
<td>3</td>
</tr>
<tr>
<td>VET 227</td>
<td>Surgical Nursing and Anesthesia</td>
<td>4</td>
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<tr>
<td>VET 239</td>
<td>Dentistry</td>
<td>3</td>
</tr>
<tr>
<td>VET 243</td>
<td>Emergency Medicine and Critical Care</td>
<td>3</td>
</tr>
<tr>
<td>VET 260</td>
<td>Clinical Experience I</td>
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<tr>
<td>VET 261</td>
<td>Clinical Experiences (II)</td>
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<tr>
<td>VET 262</td>
<td>Clinical Experiences (III)</td>
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<tr>
<td>VET 263</td>
<td>Clinical Experiences (IV)</td>
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<tr>
<td>VET 270</td>
<td>Veterinary Technology Capstone</td>
<td>4</td>
</tr>
</tbody>
</table>

**TOTAL CREDIT HOURS: 72**
POSTSECONDARY CERTIFICATE: CYBER CRIMES INVESTIGATION (CCI)

Delivery Format
- On-campus (Evening)

Program Description
The Cyber Crimes Investigation (CCI) certificate is a 20-credit course of study designed to fulfill the goal of improving law enforcement in the Western Region of New York by providing students with a thorough grounding in the application of the tools and techniques of criminal investigations to electronic evidence. The curriculum includes an introductory course covering computer applications, followed by four core courses covering the following topics in the context of criminal investigations involving computing systems: (1) personal computers and their operating systems; (2) computer forensics and electronic media as evidence; (3) law and investigative techniques; and (4) computer networks and the Internet.

Program Goals
1. To provide students with hands-on opportunities to strengthen their criminal investigative skills in scenarios involving computers and electronic evidence
2. To provide law enforcement professionals with knowledge and skills that they can carry back to their employers and disseminate to their colleague
3. To provide students and law enforcement professionals with a basis on which to build further training in cyber-crime investigation
4. To provide students and law enforcement professionals with a command of the analytical tools necessary for successful careers in criminal justice.

Credit Distribution and Course Sequence

<table>
<thead>
<tr>
<th>Course Number &amp; Title</th>
<th>Course length (in weeks)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 121 Computer Applications</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>CRJ 181 Introduction to Personal Computers &amp; Their Operating Systems for Computer Crimes Investigation</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>CRJ 281 Computer Forensics: Electronic Media as Evidence</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>CRJ 381 Computer Crime Investigation: Evidence, Law &amp; Investigative Techniques</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>CRJ 481 Topics in Computer Crime Investigation: Computer Networks and the Internet</td>
<td>7</td>
<td>4</td>
</tr>
</tbody>
</table>
All five courses may be applied towards the B.B.A. in Information Systems, the B.S. in Homeland Security, and the B.B.A. in Business Administration. Students enrolled in other programs may use these courses in order to fulfill their free elective requirement, should their program accommodate 16 credits of free electives.

POSTSECONDARY CERTIFICATE (> = 1 YEAR, < 2 YEARS):
ALCOHOL AND SUBSTANCE ABUSE

Program Description
The twenty-four credit-hour Alcohol and Substance Abuse Counselor (ASAC) certificate provides students with theoretical and practical knowledge in the field of alcohol and substance abuse counseling. The course sequence includes the following: Knowledge of Substance Abuse: Assessment, Evaluation and Treatment Planning; Neurochemistry of Addiction: Pharmacology, Substance Abuse Counseling Theory; Individual and Group Counseling; Substance Abuse Counseling: Special Populations, Case Management and Educational Outreach; and Professional and Ethical Responsibilities. The course sequence reflects a range of knowledge, skills, and professional techniques related to chemical dependence counseling. The Alcohol and Substance Abuse Counseling certificate is approved as a fully Credentialed Alcohol and Substance Abuse Counselor (CASAC) 350-Hour Certificate Program by the New York State Office of Alcoholism and Substance Abuse Services.

Program Goals
1. In order to understand the fundamentals of alcohol and substance abuse, the students will:
   a. Define and describe the most common treatment, intervention, and prevention programs.
   b. Define addiction.
   c. Evaluate psychotherapeutic theories and techniques.
   d. Describe the biology of addiction and the effects of drugs of abuse on the body.
   e. Demonstrate familiarity with key drugs of abused and treatment.
2. In order to develop skills in alcohol and substance abuse counseling, the students will:
   a. Describe and apply the basic theories and principles of alcoholism and substance abuse counseling.
   b. Develop and demonstrate interpersonal communication skills appropriate for counseling.
   c. Demonstrate familiarity with issues pertinent to substance abusers, such as anger management, personality and addiction, depression and suicide, aggression, and motivation.
   d. Describe and evaluate theories of vocational counseling.
   e. Analyze and apply theories and practices relevant to group counseling sessions.
   f. Describe the issues and challenges of working with the elderly, women, and children.
   g. Demonstrate sensitivity to the counseling needs of special populations, including adolescent abusers, the mentally ill, gender and sexual orientation, and those with communicable diseases, especially HIV/AIDS.
3. In order to understand the issues involved in assessment, clinical evaluation, treatment planning, case management, and family and community education, the students will:
   a. Describe procedures for the screening, evaluation, and intake of patients.
   b. Evaluate and use the tools used to assess and diagnose chemical dependency.
c. Recognize and describe the stages of recovery.
d. Create an appropriate treatment plan.
e. Describe the overall function of the case manager.
f. Explain the role of cultural diversity in treatment scenarios.
g. Define and describe the addicted family systems theory.

4. In order to describe and explain the professional and ethical responsibilities involved with substance abuse counseling, the students will:
   a. Articulate the relevance of ethical standards and behavior in counseling situations.
   b. Describe the methods used to maintain accurate and secure health records.
   c. Explain and apply professional, state, and federal guidelines for ethical behavior.

**Credit Distribution and Course Sequence**

<table>
<thead>
<tr>
<th>Course Number &amp; Title</th>
<th>Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HHS 201 Knowledge of Substance Abuse</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>HHS 203 Neurochemistry of Addiction: Pharmacology</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>HHS 202 Assessment, Evaluation and Treatment Planning</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>HHS 204 Substance Abuse Counseling Theory</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>HHS 205 Individual and Group Counseling</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HHS 206 Substance Abuse Counseling: Special Populations</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HHS 207 Case Management and Educational Outreach</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>HHS 208 Professional and Ethical Responsibilities</td>
<td>4</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL CREDIT HOURS: 24**
**PERSONNEL**

**Board of Trustees**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Association</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael K. Walsh</td>
<td>Board Chair</td>
</tr>
<tr>
<td>Howard K. Hitzel, PsyD, MPA</td>
<td>Secretary</td>
</tr>
<tr>
<td>Michael J. Moley ‘07</td>
<td>Vice Chair</td>
</tr>
<tr>
<td>Kenneth D. Trbovich ‘99</td>
<td>Treasurer</td>
</tr>
<tr>
<td>William S. Cleary</td>
<td>Director of Human Resources, Dunn Tire</td>
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<tr>
<td>Term: 2018-2022</td>
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<tr>
<td>L. Nathan Hare ‘82</td>
<td>CEO/President, Community Action Organization of Erie County</td>
</tr>
<tr>
<td>Term: 2018-2022</td>
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<tr>
<td>Michael J. Moley ‘07</td>
<td>Senior Vice President and Human Chief Resource Officer, Catholic Health</td>
</tr>
<tr>
<td>Term: 2012-2020</td>
<td></td>
</tr>
<tr>
<td>Horace A. Gioia, Esq.</td>
<td>Rupp, Baase, Pfalzgraf &amp; Cunningham LLC.</td>
</tr>
<tr>
<td>Term: 2009-2021</td>
<td></td>
</tr>
<tr>
<td>James K. Morrell</td>
<td>Manager of Planning, Niagara Frontier Transit Authority</td>
</tr>
<tr>
<td>Term: 2011-2019</td>
<td></td>
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<tr>
<td>Darius G. Pridgen '07</td>
<td>Pastor True Bethel Baptist/ Ellicott District Councilman</td>
</tr>
<tr>
<td>Term: 2011-2019</td>
<td></td>
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<tr>
<td>Kevin R. Conolly ‘03</td>
<td>CEO, Buffalo First Wealth Management LLC</td>
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<tr>
<td>Term: 2016-2020</td>
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<tr>
<td>Nathan Daun-Barnett, Ph.D.</td>
<td>Associate Professor &amp; Program Director – Higher Education Administration, University</td>
</tr>
<tr>
<td>Term: 2017-2021</td>
<td>at Buffalo</td>
</tr>
<tr>
<td>David L. Edmunds, Jr.</td>
<td>Deputy Commissioner, New York State Liquor Authority</td>
</tr>
<tr>
<td>Term: 2016-2020</td>
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<tr>
<td>Howard K. Hitzel, Ph.D.</td>
<td>President, Lakeshore Behavioral Health, Inc.</td>
</tr>
<tr>
<td>Term: 2016-2020</td>
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<tr>
<td>Martin G. Maynard</td>
<td>President/CEO, ASK Design Jewelers</td>
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<tr>
<td>Term: 2017-2021</td>
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<tr>
<td>Jeffrey M. Shepard, Ph.D.</td>
<td>Chairman &amp; CEO, MedaCheck LLC</td>
</tr>
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<td>Term: 2016-2020</td>
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<tr>
<td>Julie R. Snyder</td>
<td>Vice president, Corporate Relations, HealthNow New York, Inc.</td>
</tr>
<tr>
<td>Term: 2013-2017</td>
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</tr>
<tr>
<td>Dale Stephens ’99 ‘06</td>
<td>Executive Human Resource Administrator for the Governor’s Office of Employee</td>
</tr>
<tr>
<td>Term: 2011-2018</td>
<td>Relations,</td>
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<tr>
<td>Donald R. Tomasulo ‘79</td>
<td>Kenneth D. Trbovich ‘99</td>
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<tr>
<th>Name</th>
<th>Position</th>
<th>Term</th>
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<tbody>
<tr>
<td>Director of Results, Entercom Communications</td>
<td>President, Servotronics, Inc.</td>
<td>2011-2019</td>
</tr>
<tr>
<td>Buffalo</td>
<td></td>
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<tr>
<td>Gregory J. Urban</td>
<td>Partner, Dopkins and Company LLP</td>
<td>2016-2020</td>
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<tr>
<td>Michael K. Walsh</td>
<td>Treasurer, Board of Trustees</td>
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<td></td>
<td>Executive Vice President, Walsh Duffield</td>
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<td>Companies, Inc.</td>
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<td>1996-2019</td>
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</table>
2018-2019 Academic Leadership

VICE PRESIDENT FOR ACADEMIC AFFAIRS

Lori V. Quigley, Ph.D.

DEPARTMENT OF BUSINESS, MANAGEMENT AND LEADERSHIP (UG/GR)

Programs/Areas:
- Accounting (BS, MSA)
- Business Administration (AS, BA, BBA, MBA)
- Management Information Systems (BBA, BS)
- Health Information Management (BPS)
- Organizational Leadership (MAOL)

Chair: Susan Steffan, M.B.A., Associate Professor of the Practice in Business Administration

Mwata Chisha, Ph.D., Assistant Professor of Business Administration and Economics

Barbara Glondys, M.A., R.H.I.A., C.H.P.S., Assistant Professor of the practice in Health Information Management

Patrick Johnson, M.B.A., C.P.A., Associate Professor of Accounting

Program Director (MSA): Corinne Jones, M.S.A., C.P.A., Assistant Professor of the Practice in Accounting

Program Director (BS): Michael Lillis, Ph.D., Professor of Business Administration

Program Director (MIS/BIS) & Internship Coordinator: Jonas Patricko, M.S.Ed., Assistant Professor of the Practice in Business Administration

IACBE Accreditation Coordinator: Marianne Sullivan, Ph.D., Associate Professor of the Practice in Organizational Leadership and Business Administration

Program Director (MBA/MOL): William Weeks, M.S., Associate Professor of the Practice in Organizational Leadership and Business Administration

Program Director (HIM): Elizabeth Wilson, Instructor of the Practice, B.S., R.H.I.A., Health Information Management

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Program Director (AS/BBA): TBD

Administrative Support Staff:
Linda Wach, M.B.A., Administrative Assistant
Maria Quebral, B.A., Adjunct Faculty Support Coordinator

DEPARTMENT OF COMMUNICATION & SPORT STUDIES (UG)

Programs/Areas:
- Communication (BS)
- Sport Management (BS)
- Sport Communications (BS)

Chair and Program Director (COM and SPC): Lisa Marsherall, M.A., Associate Professor of the Practice in Communication
Juli Hinds, Ph.D., Assistant Professor of Communication

Program Director (SPM): Richard Jacob, Ph.D., Professor of Sport Psychology
Louis Pozantides, M.S.Ed., Associate Professor of the Practice Communication

Half-Time Faculty:
John Schedel, Ph.D., Associate Professor of Speech Communication

Administrative Support Staff:
Linda Wach, M.B.A., Administrative Assistant

DEPARTMENT OF COUNSELING & CLINICAL PSYCHOLOGY (GR)

Programs/Areas:
- Clinical Mental Health Counseling (MA)
- Marriage & Family Therapy (MA)
- Clinical Psychology (PsyD)

Chair and Program Director (PSYD): Lynn Horne-Moyer, Ph.D., Associate Professor of Clinical Psychology
Jack Anchin, Ph.D., Clinical Associate Professor of Psychology

Clinical Training Coordinator (CMHC): Michele Bauman, M.A., Clinical Assistant Professor of Mental Health Counseling

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Program Director (CMHC): Helena Boersma, Ed.D., Assistant Professor of Mental Health Counseling

Clinical Training Coordinator (PSYD): David Castro-Blanco, Ph.D., Clinical Associate Professor of Psychology

Kayla Jackson, M.S., Clinical Assistant Professor of Mental Health Counseling

Program Director (MFT): Rene’ Jones, M.S., Clinical Assistant Professor of Marriage and Family Therapy

Clinical Training Coordinator (MFT): Keith Klostermann, Ph.D., Assistant Professor of Marriage and Family Therapy

Marguerite McCarty, Ed.D., Clinical Assistant Professor of Mental Health Counseling
Courtnay McQuoid, Ed.D., Clinical Assistant Professor of Mental Health Counseling
Sabrina Musson, Ph.D., Clinical Assistant Professor of Mental Health Counseling
Donald Nowak, Ph.D., Clinical Assistant Professor of Mental Health Counseling

Administrative Support Staff:
Cindy Temple, B.A., Administrative Assistant

DEPARTMENT OF EDUCATION (UG/GR)

Programs/Areas:
- Early Childhood/Childhood Education (BSEd)
- Adolescent Education/Students with Disabilities (BSEd)
- Childhood Education (MSEd)
- Adolescent Education (MSEd)
- Literacy (MSEd and Advanced Certificate)
- Students with Disabilities (MSEd and Advanced Certificate)

Chair and Program Director (MSED/CAS/SWD): Claudia Conway, M.Ed., Associate Professor of the Practice in Childhood Education and Literacy Education

Program Director (MSED ElEd/Adol): Kelly Ahuna, Ph.D., Associate Professor of Teacher Education

Virginia Batchelor, Ph.D., Professor of Educational Foundations
Michelle Cefaratti, Ed.M., Assistant Professor of the Practice in Literacy Education
Craig Centrie, Ph.D., Professor of Educational Foundations
Susan Dunkle, Ed.D., Associate Professor of Teacher Education

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Jeffrey Faunce, Ph.D., Associate Professor of Teacher Education
Illana Lane, Ph.D., Associate Professor of Teacher Education
Belete Mebratu, Ph.D., Professor of Educational Foundations

**Program Director (MSED/CAS LitEd):** Jennifer Reichenberg, Ph.D., Assistant Professor of Literacy Education

**Technology Coordinator:** Mary Beth Scumaci, M.S.Ed., Associate Professor of the Practice in Childhood Education

Colleen Wilkinson, Ph.D., Assistant Professor of Special Education

**Office of Student Teaching:**
Crystal Elias, M.S.Ed., Director of Student Teaching and Certification and edTPA Coordinator
Susan Beir, A.A.S., Administrative Assistant/Office Manager

**Administrative Support Staff:**
La’Wain Reed, B.S., Administrative Assistant

**DEPARTMENT OF INTERDISCIPLINARY STUDIES (UG)**

**Programs/Areas:**
- English (BA)
- Liberal Studies (BS)
- General Studies (AS)
- International Studies (BA)
- Interdisciplinary Studies
- Humanities

**Chair:** Courtney Grim, M.F.A., Associate Professor of Arts and Digital Literacies

Douglas Anderson, M.F.A, Professor of English and Digital Literacies
Alan Bigelow, Ph.D., Professor of English
Terri Borchers, Ph.D.; J.D., Associate Professor of English
Matthew Bowker, Ph.D., Assistant Professor of the Practice in Political Science

**Program Director (Adult/Online Courses):** Lucy Czesak, M.A., Assistant Professor of the Practice in Developmental Education

Gerald Erion, Ph.D., Professor of Philosophy

**Program Director (English):** Alice Villaseñor, Ph.D., Associate Professor of English

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Mary Louise Hill, Ph.D., Professor of English
Nicole Jowsey, Ph.D., Assistant Professor of the Practice in Interdisciplinary Studies
Daniel Kotzin, Ph.D., Associate Professor of History
Mark Lavatelli, M.A.; M.F.A., Professor of Arts
James Ramsey, Ph.D., Assistant Professor of the Practice in Developmental Education
Kyle Shrader, MFA, Assistant Professor of the Practice in Developmental Education
Bridgette Slavin, Ph.D., Assistant Professor of the Practice in History

Program Coordinator (Writing): Erika Hamann, M.A., Assistant Professor of the Practice in English

Half-Time Faculty:
Lee Nisbet, Ph.D., Professor of Philosophy

Administrative Support Staff:
Lynette Herron, Administrative Assistant

DEPARTMENT OF SCIENCE, MATHEMATICS & TECHNOLOGY (UG)

Programs/Areas:
• Biology (BS)
• Mathematics
• Chemistry, Physics
• Information Systems

Chair: Vochita Mihai, Ph.D., Professor of Mathematics

Program Director (Biology): Kimberly Bailey, Ph.D., Assistant Professor of Biology

Bernadette Clabeaux, Ph.D., Assistant Professor of the Practice in Biology
Justin Griffiths, Ph.D., Assistant Professor of the Practice in Chemistry
Jianzhen (Jason) Liu, Ph.D., Assistant Professor of Mathematics
Michael Mills, Jr., M.S.Ed., Visiting Assistant Professor of Mathematics
Lalith Ranchigoda Gamage, Ph.D., Assistant Professor of the Practice in Chemistry

Half-Time Faculty:
Richard Gerber, Ph.D., Associate Professor of Mathematics
Robert Johnson, Ph.D., Professor of Biology
Charles Sun, Ph.D., Associate Professor of Physics

Laboratory Staff:
Lab Manager: Lynn Kozinski, M.S., M.B.A.

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Asst. Lab Manager: Trish Triplet, B.S., M.B.A.

**Administrative Support Staff:**
Ellie Hudson, B.S., Administrative Assistant

**DEPARTMENT OF SOCIAL SCIENCES (UG/GR)**

**Programs/Areas:**
- Criminal Justice (BS)
- Homeland Security (BS/MS)
- Psychology (BA/MA)
- Social Sciences

**Chair:** Timothy McCorry, Ph.D., Associate Professor of Criminal Justice
Lesley Capuana, Ph.D., Assistant Professor of Psychology
Kim Carr, J.D., Associate Professor of Criminal Justice

**Program Director (Homeland Security):** Steven MacMartin, M.A., Assistant Professor of the Practice in Homeland Security
Todd Riniolo, Ph.D., Professor of Psychology

**Half-Time Faculty:**
James Brace, M.S.W., Professor of Sociology

**Administrative Staff:**
CJII Grant Project Director, Albion Prison: Paul Muccigrosso, M.S.W.

**Administrative Support Staff:**
Lynette Herron, Administrative Assistant

**DEPARTMENT OF VETERINARY TECHNOLOGY (UG)**

**Programs/Areas:**
- Veterinary Technology (AAS, AS, BS)

**Acting Chair:** Joseph Savarese, D.V.M., Professor of Veterinary Technology

**Program Director (Online AAS):** Renee Bugenhagen, D.V.M., Associate Professor of Veterinary Technology
Matthew Coleman, D.V.M., Clinical Assistant Professor of Veterinary Technology

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Maryanne Gamel, LVT, B.A., Clinical Instructor of Veterinary Technology
Jennifer-Marie Garofalo, D.V.M., CERP, DACLAM, Assistant Professor of Veterinary Technology

**Program Director (Buffalo):** Valerie Macer, LVT, Ed.M., Associate Professor of Veterinary Technology

**Veterinarian-in-Charge:** Ilze Stankevics, D.V.M., Clinical Assistant Professor of Veterinary Technology

**Program Director (Rochester AAS):** Lola DuTremble-Kirk, D.V.M., Clinical Assistant Professor of Veterinary Technology

Robin L. Lovelock, D.V.M., Clinical Assistant Professor of Veterinary Technology (Rochester)

**Veterinary Technology Staff (Buffalo/Online):**
Patricia Carr, LVT
Katie Maley, LVT, BS, VTS (Emergency & Critical Care)
Dayna Murphy, LVT

**Animal Care Supervisor:** Kelly Schroer, LVT, B.S.
**Coordinator Online:** Jodi Winchell, LVT, B.S., M.A.

**Veterinary Technology Staff (Rochester):**
**Coordinator, Rochester Campus:** Megan Simeone, LVT, M.A.

**Administrative Support Staff:**
Ellie Hudson, B.S., Administrative Assistant
### 2018-2019 Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Department</th>
<th>Degrees</th>
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<tbody>
<tr>
<td>Kelly H. Ahuna</td>
<td>Associate Professor, Education Department</td>
<td>B.A., Dickinson College&lt;br&gt;M.S.Ed., University of Vermont&lt;br&gt;Ph.D., University at Buffalo, State University of New York</td>
</tr>
<tr>
<td>Jack C. Anchin</td>
<td>Clinical Associate Professor, Counseling &amp; Clinical Psychology Department</td>
<td>B.A., Adelphi University&lt;br&gt;M.S., Ph.D., Virginia Commonwealth University</td>
</tr>
<tr>
<td>Douglas Anderson</td>
<td>Professor, Interdisciplinary Studies Department</td>
<td>B.A., University of Texas&lt;br&gt;M.F.A., University of Massachusetts</td>
</tr>
<tr>
<td>Kimberly J. Bailey</td>
<td>Assistant Professor, Science, Mathematics &amp; Technology Department</td>
<td>B.A., Connecticut College&lt;br&gt;Ph.D., University of Maryland Baltimore</td>
</tr>
<tr>
<td>Virginia A. Batchelor</td>
<td>Professor, Education Department</td>
<td>B.A., State University of New York, Empire State College&lt;br&gt;Ed.M., State University of New York College at Buffalo&lt;br&gt;M.Ed., Ph.D., University at Buffalo, State University of New York</td>
</tr>
<tr>
<td>Michele A. Bauman</td>
<td>Clinical Assistant Professor, Counseling &amp; Clinical Psychology Department</td>
<td>B.S., University at Buffalo, State University of New York&lt;br&gt;M.A., Medaille College</td>
</tr>
<tr>
<td>Alan Bigelow</td>
<td>Professor, Interdisciplinary Studies Department</td>
<td>B.A., Bard College</td>
</tr>
<tr>
<td>Name</td>
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<td>Degrees</td>
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</tbody>
</table>
| Helena Boersma          | Associate Professor, Counseling and Clinical Psychology Department | M.A., University of Colorado Boulder  
M.A., Ph.D., University at Buffalo, State University of New York |
| Terri K. Borchers       | Associate Professor, Interdisciplinary Studies Department | A.B., Stanford University  
M.A., Cleveland State University  
M.F.A., Ohio State University  
J.D., Northwestern School of Law  
Ph.D., The University of Utah |
| Matthew H. Bowker       | Clinical Assistant Professor, Interdisciplinary Studies Department | B.A., Columbia University  
M.A., Ph.D., University of Maryland College Park |
| James F. Brace          | Professor, Social Sciences Department             | B.A., M.S.W., University at Buffalo, State University of New York |
| Renee Bugenhagen        | Associate Professor, Veterinary Technology Department | D.V.M., Iowa State University |
| Lesley J. Capuana       | Assistant Professor, Social Sciences Department   | B.A., University at Buffalo, State University of New York  
M.A., Ph.D., Brock University |
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Education Details</th>
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<tbody>
<tr>
<td>Kim E. Carr</td>
<td>Associate Professor</td>
<td>Social Sciences Department</td>
<td>B.A., State University of New York College at Buffalo</td>
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<td>J.D., University at Buffalo, State University of New York</td>
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<tr>
<td>David R. Castro-Blanco</td>
<td>Clinical Associate Professor</td>
<td>Counseling &amp; Clinical Psychology Department</td>
<td>B.A., Ph.D., St. John’s University</td>
</tr>
<tr>
<td>Michelle A. Cefaratti</td>
<td>Clinical Assistant Professor</td>
<td>Education Department</td>
<td>B.F.A., Syracuse University</td>
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<td>Ed.M., University at Buffalo, State University of New York</td>
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<tr>
<td>Craig G. Centrie</td>
<td>Professor</td>
<td>Education Department</td>
<td>B.A., State University of New York College at Buffalo</td>
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<td>M.A., Ph.D., University at Buffalo, State University of New York</td>
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<tr>
<td>Deborah M. Ceppaglia</td>
<td>Professor and Professional Librarian</td>
<td></td>
<td>B.A., M.L.S., University at Buffalo, State University of New York</td>
</tr>
<tr>
<td>Mwata L. Chisha</td>
<td>Assistant Professor</td>
<td>Business, Management &amp; Leadership</td>
<td>B.S., M.A., New Mexico State University</td>
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<td>Ph.D., North Central University</td>
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<tr>
<td>Bernadette Clabeaux</td>
<td>Clinical Assistant Professor</td>
<td>Science, Mathematics &amp; Technology Department</td>
<td>A.S., Erie Community College</td>
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<td>B.S., Medaille College</td>
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<td>M.S., Ph.D., University at Buffalo, State University of New York</td>
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<tr>
<td>Matthew P. Coleman</td>
<td>Clinical Assistant Professor</td>
<td>Veterinary Technology Department</td>
<td>A.S., B.S., Medaille College</td>
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<tr>
<td>Claudia T. Conway</td>
<td>Clinical Associate Professor</td>
<td>Education Department</td>
<td>B.S., Miami University; M.S.Ed., Edinboro University of Pennsylvania</td>
</tr>
<tr>
<td>Lucy Czesak</td>
<td>Clinical Assistant Professor</td>
<td>Interdisciplinary Studies Department</td>
<td>B.A., University of Washington; M.Ed., Seattle University</td>
</tr>
<tr>
<td>Susan M. Dunkle</td>
<td>Associate Professor</td>
<td>Education Department</td>
<td>A.S., Erie Community College; B.S., Canisius College; M.S.Ed., Ed.D., D'Youville College</td>
</tr>
<tr>
<td>Lola DuTremble Kirk</td>
<td>Clinical Assistant Professor</td>
<td>Veterinary Technology Department</td>
<td>A.S., State University of New York College of Technology at Delhi; B.S., Syracuse University; D.V.M., Ross University</td>
</tr>
<tr>
<td>Gerald J. Erion</td>
<td>Professor</td>
<td>Interdisciplinary Studies Department</td>
<td>B.S., State University of New York College at Geneseo; Ph.D., University at Buffalo, State University of New York</td>
</tr>
<tr>
<td>Jeffrey A. Faunce</td>
<td>Associate Professor</td>
<td>Education Department</td>
<td>B.A., Albright College; M.A., Canisius College; M.A., Ph.D., University at Buffalo, State University of New York</td>
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<tr>
<td>Maryanne Gamel</td>
<td>Clinical Assistant Professor</td>
<td>Veterinary Technology Department</td>
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<tr>
<td>Richard Gerber</td>
<td>Associate Professor; Science, Mathematics &amp; Technology Department</td>
<td>B.A., B.S., Ed.M., Ph.D., University at Buffalo, State University of New York</td>
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<tr>
<td>Barbara A. Glondys</td>
<td>Visiting Instructor; Business, Management &amp; Leadership Department</td>
<td>B.S., Daemen College</td>
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<tr>
<td>Justin Griffiths</td>
<td>Assistant Professor, Science, Mathematics, and Technology Department</td>
<td>B.A., Niagara University; Ph.D., University at Buffalo</td>
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<tr>
<td>Courtney Grim</td>
<td>Associate Professor, Interdisciplinary Studies Department</td>
<td>A.A., Columbus State Community College; B.F.A., Ohio University; M.F.A., Rochester Institute of Technology</td>
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<tr>
<td>Erika M. Hamann</td>
<td>Clinical Assistant Professor, Interdisciplinary Studies Department</td>
<td>B.A., M.A., State University of New York College at Buffalo</td>
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<tr>
<td>Mary Louise Hill</td>
<td>Professor, Interdisciplinary Studies Department</td>
<td>B.A., Cleveland State University; M.A., Syracuse University; Ph.D., New York University</td>
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<tr>
<td>Juli Hinds</td>
<td>Assistant Professor, Communication &amp; Sport Studies Department</td>
<td>B.A., M.A., Ph.D., University of Wisconsin-Madison</td>
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<td>Helen L. Horne-Moyer</td>
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<tr>
<td>Associate Professor</td>
<td>Counseling &amp; Clinical Psychology Department</td>
<td>B.A., Converse College</td>
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<td>M.A., Ph.D., University of Southern Mississippi</td>
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<tr>
<td>Kayla Jackson</td>
<td>Clinical Assistant Professor, Counseling &amp; Clinical Psychology Department</td>
<td>B.A., State University of New York College at Buffalo</td>
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<td>M.S., Nazareth College</td>
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<tr>
<td>Richard L. Jacob</td>
<td>Professor, Communication &amp; Sport Studies Department</td>
<td>A.A., Niagara County Community College</td>
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<td>B.A., Eisenhower College</td>
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<td>Ph.D., University at Buffalo, State University of New York</td>
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<tr>
<td>Patrick Johnson</td>
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<td>Robert H. Johnson</td>
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<td>Corrine Jones</td>
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<td>René A. Jones</td>
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| Tanisha K. Joshi      | Clinical Assistant Professor                 | B.A., Fergusson College of Arts and Sciences  
M.A., University of Pune  
Ph.D., University at Buffalo, State University of New York |
| Nicole Jowsey         | Assistant Professor                           | M.A., University at Buffalo  
Ph.D., University at Buffalo                                                      |
| Elizabeth L. Kinan    | Clinical Assistant Professor                 | B.A., Ed.M., Ph.D., University at Buffalo, State University of New York          |
| Keith C. Klostermann  | Assistant Professor                           | B.S., State University of New York College at Buffalo  
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Ph.D., University at Buffalo, State University of New York |
| Daniel P. Kotzin      | Associate Professor                           | B.A., University of California-Irvine  
M.A., Ph.D., New York University                                                   |
| Illana R. Lane        | Associate Professor                           | B.A., Pennsylvania State University  
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| Mark Lavatelli        | Professor                                     | A.B., Cornell University  
M.A., University of Illinois  
M.F.A., University of New Mexico                                                   |
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<td>Jianzhen (Jason) Liu</td>
<td>Assistant Professor, Science, Mathematics, and Technology Department</td>
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<td>Robin L. Lovelock</td>
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<td>Valerie J. Macer</td>
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<td>Steven M. MacMartin</td>
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<td>Marguerite M. McCarty</td>
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<td>Ed.D., University of Rochester</td>
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**Timothy A. McCorry**

Associate Professor, Social Sciences Department

| B.A., M.A., St. John’s University |  |
| Ph.D., University at Buffalo, State University of New York |  |

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Bridgette K. Slavin
Clinical Assistant Professor, Interdisciplinary Studies Department
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<tr>
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| Ilze A. Stankevics            | B.A., Carleton College  
M.A., Western Michigan University  
Ph.D., University of Sydney     |
| Susan C. Steffan             | Clinical Associate Professor, Veterinary Technology Department  
B.A., Carleton College  
D.V.M., Tufts University     |
| Marianne Sullivan            | Clinical Associate Professor; Business, Management & Leadership Department  
B.A., Daemen College  
M.S., Ph.D., University at Buffalo, State University of New York |
| Charles X. Sun               | Associate Professor; Science, Mathematics & Technology Department  
B.S., Dalian University of Technology  
M.S., Ph.D., University of Kentucky |
| Alice M. Villaseñor          | Associate Professor, Interdisciplinary Studies Department  
B.A., University of California-Riverside  
M.A., Ph.D., University of Southern California |
| William G. Weeks             | Clinical Associate Professor; Business, Management & Leadership Department  
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B.A., Canisius College  
B.S., State University of New York, Empire State College  
M.S., GMI Engineering and Management Institute |
| Colleen A. Wilkinson         | Assistant Professor, Education Department |

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<td>Elizabeth Wilson</td>
<td>Instructor, Business, Management &amp; Leadership Dept</td>
<td>B.S. Manhattan College, M.A. Medaille</td>
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<td>Andrew W. Yeager</td>
<td>Associate Professor and Librarian</td>
<td>B.A., B.S. State University of New York</td>
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<td>College at Buffalo, M.L.S. University</td>
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# Administrative and Professional Staff

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<tr>
<td>Quigley</td>
<td>Dr. Lori</td>
<td>Vice President for Academic Affairs</td>
<td>M201</td>
<td>2241/2240</td>
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<tr>
<td>Ryan</td>
<td>Holly</td>
<td>Administrative Assistant to the Vice President for Academic Affairs</td>
<td>M201</td>
<td>2241</td>
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<tr>
<td>Sokoloski</td>
<td>Mary</td>
<td>Assistant to the Vice President for Academic Affairs</td>
<td>M201</td>
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<tr>
<td>Lane</td>
<td>Dr. Ilana</td>
<td>Chief Assessment and Learning Officer/Associate Professor</td>
<td>77H</td>
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<tr>
<td>Bogdan</td>
<td>Michelle</td>
<td>Assistant Vice President for Academic Affairs</td>
<td>M203</td>
<td>2135</td>
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<tr>
<td>Faunce</td>
<td>Dr. Jeffrey</td>
<td>Associate Dean for Scholarship, Teaching, and Learning, and Associate Professor of Teacher Education</td>
<td>H81</td>
<td>2813</td>
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<tr>
<td>Scumaci</td>
<td>Mary Beth</td>
<td>Associate Dean for Educational Technology, and Associate Professor of the Practice in the Department of Education</td>
<td>H77</td>
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<tr>
<td>Horn-Jeddy</td>
<td>Ann</td>
<td>Assistant Director and Academic Services Coordinator, Rochester</td>
<td>Rochester</td>
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<tr>
<td>Crouse</td>
<td>Kathleen</td>
<td>Administrative Assistant, Rochester</td>
<td>Rochester</td>
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<tr>
<td>McLoughlin</td>
<td>Debra</td>
<td>Associate Dean for Student</td>
<td>H117</td>
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**ACADEMIC ADVISEMENT**

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<td>Pawlak</td>
<td>Erin</td>
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<tr>
<td>Gonzalez</td>
<td>Marilyn</td>
<td>Secretary, Academic Advisement</td>
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<tr>
<td>Deacon</td>
<td>George</td>
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<td>Feider</td>
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<td>Kozar</td>
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<td>Lazzaro</td>
<td>Chris</td>
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<td>Richardson</td>
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<td>Tavano</td>
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**ADULT, GRADUATE AND ONLINE PROGRAMS**

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<td>Partyka</td>
<td>Kim</td>
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<td>Kottke</td>
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**BUSINESS, MANAGEMENT & LEADERSHIP (UG/GR)**

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<td>Steffan</td>
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<td>Wach</td>
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<td>Administrative Assistant Business, Management &amp; Leadership (UG/GR)</td>
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<td>Chisha</td>
<td>Dr. Mwata</td>
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<td>Glondys</td>
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### COMMUNICATION & SPORT STUDIES (UG)

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### COMMUNICATION & SPORT STUDIES (UG)

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<td>Marsherall</td>
<td>Lisa</td>
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<td>Wach</td>
<td>Linda</td>
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<tr>
<td>Hinds</td>
<td>Juli</td>
<td>Assistant Professor of Communication</td>
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<tr>
<td>Jacob</td>
<td>Richard</td>
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<td>Schedel</td>
<td>John</td>
<td>Associate Professor of Speech Communication (Half-Time)</td>
<td>M134</td>
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### COUNSELING & CLINICAL PSYCHOLOGY (GR)

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<td>Horne-Moyer</td>
<td>Dr. Lynn</td>
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<tr>
<td>Temple</td>
<td>Cindy</td>
<td>Administrative Assistant, Counseling &amp; Clinical Psychology</td>
<td>103H</td>
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<tr>
<td>Anchin</td>
<td>Dr. Jack</td>
<td>Clinical Associate Professor of Psychology</td>
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<td>Clinical Assistant Professor of Mental Health Counseling/Clinical Training Coordinator (CMHC)</td>
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<td>Boersma</td>
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<td>Assistant Professor of Clinical Mental Health Counseling</td>
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<td>Castro-Blanco</td>
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<td>Clinical Associate Professor of Psychology/Clinical Training Coordinator (PsyD)</td>
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<td>Clinical Assistant Professor of Marriage and Family Therapy/Program Director (MFT)</td>
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<td>103H</td>
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<tr>
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<td>Dr. Keith</td>
<td>Assistant Professor of Marriage and Family Therapy/Clinical Training Coordinator (MFT)</td>
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<tr>
<td>McCarty</td>
<td>Dr. Marguerite</td>
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**SCIENCE, MATHEMATICS & TECHNOLOGY (UG)**

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**OFFICE OF STUDENT TEACHING**

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**VETERINARY AND NATURAL SCIENCES**

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**COMPUTER LAB**

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**HUMAN RESOURCES**

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**IT HELP DESK**

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**INFORMATION OFFICE**

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**PAYROLL**

| Taylor      | Mark    | Payroll Manager                  | M125 | 2266      |
| Persutti    | Debra   | Human Resources/Payroll Assistant | M122 | 2270      |

**PUBLIC SAFETY**

| Main Office | Earl    | Director of Campus Public Safety | 2A   | 2911      |
| Wells, Jr.  | Wilfredo| Supervisor of Campus Public Safety | 2A   | 2485      |
| Rice        | David   | Supervisor of Campus Public Safety | 2A   |           |
| Rogers      | Frances | Administrative Assistant, Public Safety | 2A   | 2525      |
| Czechowski  | Matthew | OSHA Compliance, Campus Safety Officer | 2A   | 2118      |
| Fax         |         |                                   |      | 880-2597  |

**STUDENT ACCOUNTS**

<p>| Kosowski    | Karen   | Bursar                            | M130 | 2235      |
| Merz        | Marlee  | Assistant Bursar                  | M130 | 2309      |
| Schmidt     | Diane   | Associate Bursar                  | M130 | 2271      |
| Szczepanski | Michael | Collections Manager               | M130 | 2165      |</p>
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**COLLEGE RELATIONS**

**ENROLLMENT MANAGEMENT AND MARKETING**

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**ADMISSIONS – ADULT AND GRADUATE**

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**ADMISSIONS – ONLINE ENROLLMENT SERVICES**

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**UPWARD BOUND PROGRAM**

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<td>884-1887</td>
</tr>
<tr>
<td>Burnam</td>
<td>Hugh</td>
<td>Director, TRIO Student Support Services</td>
<td>H113</td>
<td>2393</td>
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<tr>
<td>Laster</td>
<td>Alexus</td>
<td>TRiO Academic Counselor</td>
<td>H114A</td>
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<tr>
<td>Lopez-Perez</td>
<td>Mayra</td>
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<td>Sextone</td>
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<td>Soule</td>
<td>Leona</td>
<td>Program Services Coordinator, TRiO Student Support Services</td>
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**ATHLETICS**

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<tbody>
<tr>
<td>Blaine</td>
<td>Mike</td>
<td>Men's Basketball Head Coach, NCAA Compliance/Student Services Coordinator</td>
<td>CC201C</td>
<td>2347</td>
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<tr>
<td>Blythe</td>
<td>Micky</td>
<td>Head Coach for Men's and Women's Soccer</td>
<td>CC208</td>
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<tr>
<td>Broderick</td>
<td>Kelly</td>
<td>Head Coach for Women’s Basketball</td>
<td>TBD</td>
<td>TBD</td>
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<tr>
<td>Dean</td>
<td>Brenda</td>
<td>Athletic Trainer</td>
<td>CC111</td>
<td>2148</td>
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<tr>
<td>Edholm</td>
<td>Laura</td>
<td>Associate Athletic Director, Senior Women's Administrator, Bowling Head Coach</td>
<td>CC211A</td>
<td>2130</td>
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<tr>
<td>Emery</td>
<td>Paul</td>
<td>Campus Minister</td>
<td>CC109</td>
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<tr>
<td>Hammann</td>
<td>Emmilly</td>
<td>Assistant Athletic Trainer</td>
<td>CC1111</td>
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<tr>
<td>Nicholas-Tolsma</td>
<td>Angela</td>
<td>Head Women’s Soccer Coach/Student Services Coordinator</td>
<td>CC109</td>
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<tr>
<td>Sova</td>
<td>Josh</td>
<td>Head Coach for Baseball/Sports Information Director</td>
<td>CC211C</td>
<td>2297</td>
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<tr>
<td>Witherow</td>
<td>James</td>
<td>Assistant Sports Information Director</td>
<td>CC208</td>
<td>2375</td>
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<tr>
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**CAREER PLANNING**

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<tr>
<td>Cullinan</td>
<td>Carol</td>
<td>Director Of Career Planning</td>
<td>SSC109</td>
<td>2211</td>
</tr>
<tr>
<td>Van Dewater</td>
<td>Christina</td>
<td>Career Consultant</td>
<td>SSC109</td>
<td>2210</td>
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**COUNSELING**

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<tr>
<td>Rizzo</td>
<td>Rosalina</td>
<td>Director of Counseling Services</td>
<td>117H</td>
<td>2339</td>
</tr>
<tr>
<td>Reding</td>
<td>Deniese</td>
<td>Senior Counselor/Student Advocate</td>
<td>117H</td>
<td>2246</td>
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**STUDENT INVOLVEMENT**

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<tr>
<td>Main Office</td>
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<tr>
<td>Betacchini</td>
<td>Kayla</td>
<td>Director of Student Involvement</td>
<td>C200</td>
<td>2351</td>
</tr>
<tr>
<td>Kragbe</td>
<td>Lisa</td>
<td>Assistant Director of Student Involvement</td>
<td>H109C</td>
<td>3083</td>
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### Wellness Center

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<tbody>
<tr>
<td>Glose</td>
<td>Marsha</td>
<td>Director of Student Health Services</td>
<td>117H</td>
<td>2112</td>
</tr>
<tr>
<td>Barone</td>
<td>Pamela</td>
<td>Licensed Practical Nurse</td>
<td>117H</td>
<td>2155</td>
</tr>
<tr>
<td>Fax</td>
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<td></td>
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### Additional Offices

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<tbody>
<tr>
<td>Bookstore</td>
<td>C101</td>
<td>2324</td>
</tr>
<tr>
<td>Jonathan Carroll</td>
<td>C101</td>
<td>2252</td>
</tr>
<tr>
<td>Myers Sharon</td>
<td>C113</td>
<td>2324/2252</td>
</tr>
<tr>
<td>Faz</td>
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<td>880-2132</td>
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### Facilities

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<tr>
<td>Main Office</td>
<td>77H</td>
<td>2540</td>
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<tr>
<td>Duermeyer Joel</td>
<td>M017</td>
<td>2121</td>
</tr>
<tr>
<td>McDougald Danielle</td>
<td>77H</td>
<td>2540</td>
</tr>
<tr>
<td>Fax</td>
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### Food Service

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Cafè 4th Floor</td>
<td>MAIN</td>
<td>2511</td>
</tr>
<tr>
<td>Elis Janet Chartwells, Director of Dining</td>
<td>C102B</td>
<td>2106/2468</td>
</tr>
<tr>
<td>Metz Mark Chartwells, Executive Chef</td>
<td>C102B</td>
<td>2106/2468</td>
</tr>
<tr>
<td>Peschio Rich Chartwells, Food Service Manager</td>
<td>C102B</td>
<td>2106/2468</td>
</tr>
<tr>
<td>Fax</td>
<td></td>
<td>880-2006</td>
</tr>
<tr>
<td>Last</td>
<td>First</td>
<td>Title</td>
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<tr>
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</table>
| MISC.
Lakeshore Behavioral Health Clinic | | 95H | | |
Radio Station | | MAIN LL | 2213 | |
SGA | | C201 | 2220 | |
TV Studio | | MAIN LL | 2331 | |
Adjunct Office | | M220/M033 | 2438/2353 | |
Entrepreneurial Assistant Program | Enger, Ann | Coordinator | 121H | 3288 |

**Building Abbreviations**

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<tr>
<th>SC</th>
<th>Downey Science Center</th>
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<tr>
<td>C</td>
<td>Sullivan Center</td>
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<tr>
<td>H</td>
<td>Before the number is Huber</td>
</tr>
<tr>
<td>H</td>
<td>After the number is Humboldt</td>
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</table>
Academic Advisory Boards

BUSINESS INFORMATION SYSTEMS

Greg Chase  John Schnuak
CEO -Food Order.com  Chief Security Specialist M&T Bank

Bob Chyka  David Stinner
CTO Medaille College  President USItek

Renita DeStefano  James Studley
CIO VP Seneca Niagara Casino  Manager Greatbach
Alumni  Alumni

Roman Kowel  Christina Wrobel
IT Manager R.I.T.  Forensic Accountant FBI
Alumni

Sine Lorenzen  Brian Zelli
Manager CP Staffing  IT Manager NCCC

Adam Nethero  John Zemac
Student member  Manager Ingram Micro

Jonas Patricko  
Medaille College, Program Director, Committee Leader

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Licensed Psychologist  Licensed Psychologist, Private practice
University at Buffalo, Concussion Clinic  Snyder, NY
Buffalo, NY

James P. Butters, Psy.D.  Peter P. Kost, Ph.D.
Licensed Psychologist, East Amherst  Licensed Psychologist
Psychology GroupLLP  Chief Psychologist, Buffalo Psychiatric Center
Amherst, NY  Buffalo, NY

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Psychologist, Newfane Central Schools/East  Licensed Psychologist, Private Practice

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425
Amherst Psychology Group
Wilson, NY

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East Amherst, NY

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Pediatric Endocrinology, Woman and Children’s Hospital of Buffalo
Buffalo, NY

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Chief Operating Officer, Summit Educational Resources
Getzville, NY

JoAnn West
Registered Psychologist, Early Career
Toronto, ON

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Director of Community Relations & Special Events
Tops Friendly Markets

Brian Meyer
New Director
WBFO

Eileen Buckley
Senior Reporter
WBFO-FM

Chris Musial
VP and General Manager
WBBZ-TV

Dawn Cwierley
Public Relations Manager
Kenmore Mercy Hospital

Nancy Sanders
News Operations Manager
WIVB-TV

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Program Director, WGR Radio  

Anne Schelifke  
VP Customer Experience Manager/Mortgage and Consumer Lending  
M&T  

John DiScuillo  
Executive Director of Production and Promotion  
WBBZ-TV  

Don Tomasulo  
Director of Results  
Entercom Radio  

Craig Kanalley  
Social Media Manager  
Buffalo Sabres  
Key Bank Center  

Timothy Walsh  
VP of College Relations  

ENGLISH  

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Editor  
Buffalo Spree magazine  

Ted Pelton  
Professor & Chair  
English Department  
Tennessee Technical University  

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MA Rhetoric & Composition, University of Massachusetts, Boston  
Harvard University Library  

Bridget Brace-McDonald  
Director of Outreach Activities  
Genome, Environment, and Microbiome Community of Excellence  
University of Buffalo  

Amber Small  
Executive Director  
Parkside Community Center  

HEALTH INFORMATION MANAGEMENT (HIM)  

Howard Hitzel  
Nicolas LeMarca  

David Putney  

LEADERSHIP MANAGEMENT  

Kenneth Carter  
Sr. Corporate Casualty Manager  

Dale Stephans  
Senior Personnel Administrator  

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Assistant Director of Admission
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Angelo Geneco
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Northrop Grumman

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Catholic Health System

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Medaille College

Don Needham
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Moog Inc. Aircraft Group

Stefanie Zakowicz
PR Consultant

Nancy Pietras
Vice President, Risk Governance
First Niagara

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Body Blocks Fitness

Kenneth Martin, Jr.
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National Hockey League

Ron Bertovich
Sport Executive

Deborah M. Martinez, J.D.
Sport Agent

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John Beutel
Medaille Sport Management Alumni
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Food Bank of Western New York
Michael Buczkowski
General Manager
Buffalo Bisons
Stephen Butler
Medaille Sport Management Alumni
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Deputy Director of Athletics
Seymour Knox IV
Pat LaDuca
Health and Fitness Executive
F. Scott Layden
General Manager
Minnesota Timberwolves of the NBA
Stephanie Limoncelli
Yoga Master
Dennis Lynch
Management-NFL
(Retired)
Stan Makowski, Jr.
Vice President of Arena Operations
Pegula Sports and Entertainment (PSE)

Jim May
President
Sportsplex, Inc.
William Munson
Buffalo Bills VP of Government Relations &
External Affairs (Retired)
Carlos Obiano
Professional Soccer Argentina
Ron Raccuia
Owner, ADPRO Sports
Joseph Shaw
Shaw and Shaw
Attorneys at Law
Jerry Sullivan
Sports Writer
Joseph Vizzi
National Sales Manager
Gear-Up Sports Worldwide
Bruce Wawrzyniak
Medaille Sport Management Alumni
Kevin Wiles
Medaille Sport Management Alumni
NY State Police
David S. Zygai
VP of Legal Affairs
Buffalo Sabres NHL
Liz Malstrom
Medaille Sport Management Alumni
Former Director of Human Resources
Buffalo Bills NFL
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Carol Spierto, L.V.T., SMAR RLATg, MBA
Roswell Park Cancer Institute

David Hansen, D.V.M., F.A.V.D., D.A.V.D.C.
Diplomate Amer. Veterinary Dentistry College
Town & Country Animal Clinic

Joseph Tashjian, DVM
Springville Veterinary Associates

Jon Mott, L.A.T.G.
SUNY Buffalo
(Retired)

Gary Willoughby II
Executive Director
SPCA

Karen Sandle, L.V.T.
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Medaille College

Rene vanEe, D.V.M., D.A.C.V.S.
Diplomate Amer. College of Veterinary Surgeons
Sheridan Animal Hospital, PC

Joseph Savarese, DVM
Medaille College

Tara Woyton, L.V.T.
Medaille College

VETERINARY TECHNOLOGY (ROCHESTER)

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Genesee Valley Equine Clinic, LLC

Amy Leibeck, DVM
Owner, Genesee Valley Equine Clinic, LLC

Robin English, LVT
Seneca Park Zoo

Jennifer Rastle, LVT
Hospital Manager
Veterinary Specialists and Emergency Services

Erik Herrema
Director, Penfield Veterinary Hospital

Robert Weir
Territory Business Manager
Zoetis

Ann Horn-Jeddy
Assistant Director, Medaille College

Tara Woyton, LVT
Tribal Liaison-USDA, Veterinary Services
NY, Medaille Buffalo Campus FT Instructor

Amy Karch, RN, MS, CNS
Associate Professor of Clinical Nursing
University of Rochester