



# **IMMACULATA UNIVERSITY**

**UNDERGRADUATE CATALOG**

**2018-2019**

## Accreditation

Immaculata University is currently granted accreditation by the Middle States Commission on Higher Education, 3624 Market Street, 2nd Floor West, Philadelphia, PA 19104; (267) 284-5000; website: [www.msche.org](http://www.msche.org).

The Immaculata University associates and baccalaureate business programs are currently granted accreditation and the accounting programs are also granted separate specialized accreditation by the Accreditation Council for Business Schools and Programs, 11520 West 119th Street, Overland Park, Kansas 66213; (913) 339-9356.

Immaculata University, offering the Bachelor of Arts in Music, Bachelor of Music in Music Education, Bachelor of Music in Music Therapy, and Master of Arts in Music Therapy, is accredited by the National Association of Schools of Music, 11250 Roger Bacon Drive, Suite 21, Reston, VA 20190-5248; (703) 437-0700.

The Master of Science in Nursing and the Bachelor of Science in Nursing are accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC 20036; (202) 887-6791.

The Bachelor of Science program in Athletic Training is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), 6835 Austin Center Blvd, Suite 250, Austin, TX 78731-3101

The Dietetic Internship is currently granted accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL, 60606-6995; 800-877-1600, ext. 5400.

The Didactic Program in Dietetics is currently granted accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL, 60606-6995; 800-877-1600, ext. 5400.

The Master of Arts program in Clinical Mental Health Counseling is accredited by the Council for Accreditation of Counseling and Related Programs (CACREP), 1001 North Fairfax Street, Suite 510, Alexandria, VA 22314.  
[www.cacrep.org](http://www.cacrep.org).

The Doctor of Psychology Program in Clinical Psychology is accredited by the Commission on Accreditation of the American Psychological Association (APA), 750 First Street, NE, Washington, DC 20002-4242; (202) 336-5979; email: [apaaccred@apa.org](mailto:apaaccred@apa.org); web: [www.apa.org/ed/accreditation](http://www.apa.org/ed/accreditation).

## Important Notice

**The provisions of this catalog should not be regarded as a contract between any student and the University. Course content, tuition and fees, admissions criteria, graduation requirements, and regulations are constantly being reviewed and revised. The University reserves the right to make any changes to this content when deemed necessary.**

## Non-Discriminatory Policy

Immaculata University is committed to the principle of equal educational opportunity without unlawful discrimination because of an applicant's or student's race, gender, ethnicity, religion, age, national origin, color, disability, marital status, familial status, veteran status, ancestry, genetic characteristics, pregnancy, or other classifications protected by law or University policy.

**Immaculata University**

**Undergraduate Catalog**

**Volume LXXVI**

**2018-19**

**1145 King Road**

**Immaculata, PA 19345-0901**

**Phone: (610) 647-4400**

**[www.immaculata.edu](http://www.immaculata.edu)**

## Mission Statement

*Immaculata University, a Catholic academic community, founded and sponsored by the Sisters, Servants of the Immaculate Heart of Mary, is committed to scholarship, formation of the whole person for leadership and service, and empowerment of all to seek truth, promote justice, and engage in dialogue between faith and culture.*

## Vision

*In the IHM tradition, Immaculata will be a growing community of faith, learning and service.*

## Core Values

*Faith*

*Community*

*Knowledge*

*Virtue*

*Service*

## Philosophy/Goals

*Immaculata University has been built on the firm belief that the highest service a college can render its students is to prepare them for life, both the present life and the life to come.*

*Immaculata University, aware of the demands of a changing world, offers students the means to grow as integral persons, responsible to God, the Church, and one another, and stimulates growth within a Christ-centered academic community.*

*As a community of faith and learning, Immaculata dedicates all available resources to the search for truth. In this community, students are challenged to recognize and fulfill their roles as responsible persons and potential leaders in dedicated concern for and service to humanity and our world. The Immaculata faculty assists students in the pursuit of these goals.*

*Immaculata's program, based on the liberal arts, is designed to encourage logical and critical thought, independent study, and the integration of knowledge. The University strives to develop in students an aesthetic sense and the ability to communicate ideas effectively.*

*In this intellectual atmosphere, the University hopes that students will comprehend the issues posed by human achievements and failures, and reach an understanding of the full meaning of the individual as a Christian witness in all phases of life.*

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# Academic Calendar

## 2018-19 Calendar

August 22	College of Adult Professional Studies (CAPS) – Orientation
August 24	College of Undergraduate Studies (CUS) Freshmen Arrive
August 27	Fall Semester Classes Begin – CUS, CAPS, and College of Graduate Studies (CGS)
September 3	Labor Day – No Classes
October 5	Fall Break
October 8	Classes Resume
November 12	Spring Registration – CUS and CAPS
November 20-25	Thanksgiving Recess begins after Day Classes on 11/20
November 26	Classes Resume
December 7	Carol Night
December 8	Feast of the Immaculate Conception (University Feast Day)
December 13	End of Semester
December 17 – January 11	Winter Session
January 8	January Graduation
January 17	CAPS Orientation
January 22	Spring Semester Classes Begin – CUS/CAPS/CGS
March 11-15	Spring Break
March 18	Classes Resume
March 25	Summer Registration
April 8	Fall Registration – CUS and CAPS
April 18-22	Easter Break
April 21	Easter Sunday
April 23	Classes Resume
May 13	End of Semester
May 17	Commencement – CGS
May 18	Baccalaureate Mass
May 19	Commencement – CUS & CAPS
May 20	Summer I Begins
May 27	Memorial Day – No Classes
July 4	Holiday – No Classes
July 8	Summer II Begins
August 22	August Graduation

## University Seal



### MOTTO

The University motto, which reads in Latin, *Scientia floret virtute* (Knowledge flourishes in virtue), expresses the ideal of a true liberal arts education in the Christian tradition. The dual meaning of the Latin word, *virtute*, is virtue or power. It is symbolic of the kind of strength that comes from the wisdom earned by reflective study and vigorous application. Whether one takes the word virtue in its ethical sense or in its dimension of force and energy, the intellectual and moral values that students choose to make their own enable them to go “from strength to strength.” Liberally educated, Immaculata graduates have acquired that flexibility and sense of personal worth that will make them prudent risk-takers in a world that belongs to those who dare and those who care.

# The University

Immaculata University consists of three colleges – the College of Undergraduate Studies, the College of Adult Professional Studies, and the College of Graduate Studies. This publication conveys information about the policies, procedures, and programs in the College of Undergraduate Studies and the College of Adult Professional Studies only. A separate catalog is available from the College of Graduate Studies.

## LOCATION

Immaculata's 373-acre campus overlooks Chester Valley and is located on the Main Line about 20 miles west of Philadelphia. The student body is composed of approximately 3,000 full- and part-time students in the College of Undergraduate Studies, the College of Adult Professional Studies, and the College of Graduate Studies, who seek, within the framework of a private, Catholic institution, education and preparation for positions of leadership and responsibility. Sharing in co-curricular and social activities, the student quickly becomes part of the academic community, which is characterized by a spirit of friendliness and warm, personal relations among the students and between the students and the faculty.

## FACULTY

Approximately 100 sisters, laymen, and laywomen make up the full-time faculty. An additional part-time faculty serves the College of Undergraduate Studies, the College of Adult Professional Studies, and the College of Graduate Studies. Members of the faculty act as academic advisors offering personal assistance and guidance to students. Thus, student advisement at the University is not simply a token gesture, but a meaningful relationship between student and faculty member.

## CAMPUS AND BUILDINGS

Over the past 96 years, the campus of Immaculata has expanded to include 15 principal buildings and facilities for outdoor sports and recreation. Today the University's physical plant represents a multi-million dollar investment. The general style of campus architecture, a modern adaptation of Italian Renaissance, follows that of the original building, Villa Maria (1914), which houses administrative offices and various student facilities.

Adjoining the main building are Nazareth Hall (1914) and Lourdes Hall (1927), containing the departments of Fashion Merchandising and Nutrition and Dietetics, Graduate Psychology, chapel, and dining facilities, together with student residence areas, Campus Ministry, and the Great Hall. Other residence halls are Marian Hall (1955), DeChantal Hall (1967), and the first two buildings in the university's apartment-style housing (2014) on the west side of campus. DeChantal Hall terrace also houses the offices of Student Development & Engagement. Gillet Hall (1955) is the residence of the IHM Sisters. East of Lourdes Hall is the Admission and Financial Aid Center (2012).

The academic complex includes Good Counsel Hall (1955), which contains classrooms, seminar centers, a language laboratory, music listening rooms, the offices of the College of Adult Professional Studies, and the Immaculata University bookstore. Loyola Hall (1963), a science and arts building with laboratories, amphitheaters, audio-visual center, computer center, curriculum library, and food store, also houses the Mathematics, Education, and Art departments, and the office of the College of Graduate Studies. The new Center for Nursing and Allied Health Sciences is also located on the terrace level in Loyola Hall. The Faculty Center (1962) contains private offices, general conference rooms, lounges, and service facilities for the faculty. On the west campus, a performing arts and physical education center, Alumnae Hall (1970), completes the quadrangle of academic buildings. Also on the west campus stands the Draper Walsh Stadium, softball field, baseball field, as well as the Mighty Macs Training Facility, located on the west side of campus in the beautiful wooded area near Parking Lot B.

Gabriele Library (1993), a freestanding 52,500 square foot library, offers the latest advances in information technology and electronic access as well as the Writing Center and a campus coffee shop, Immaculat  .

In Spring 2018, Immaculata broke ground for the new IHM Student Center, which is expected to be ready for students in Spring 2019. The new building will be next to the apartment housing on the west side of campus.

## MISSION AND MINISTRY

The Office of Mission and Ministry seeks both to sustain the Catholic heritage of the University as supported by the IHM charism and to cultivate an ecumenical spirit in which the varied gifts of Immaculata's religiously diverse community can be nurtured and celebrated. The office of the Vice President of Mission and Ministry is located in Villa Maria Hall.

Campus Ministry at Immaculata University seeks to stimulate growth in faith, formation of Christian conscience, leadership and personal development, formation of human community, and an understanding of issues of peace and justice. Through participation in Campus Ministry activities, students are invited to explore their relationship to God, to each other, and to the global community. Activities include opportunities for prayer and worship, including Sunday and weekday liturgies, opportunities for reflection and discussion through retreats and other programs, and opportunities for a variety of service projects that meet human needs. Campus Ministry is located in the IU Underground, Lourdes Hall.

## HISTORY

The tradition of friendliness, creative hope, and vitality derives from a spirit fostered at Immaculata by the Sisters, Servants of the Immaculate Heart of Mary, who established and conduct the University. The congregation, founded in Monroe, Michigan, has been engaged in the work of Catholic education for over 170 years.

## Academic Highlights

- 1925 • Teacher Education approved by Pennsylvania Department of Instruction
  - First degrees conferred
- 1927 • Membership in National Catholic Educational Association
- 1928 • Accreditation by Middle States Association
- 1929 • Formal change of name from Villa Maria to Immaculata College
  - Membership in American Council of Education and Association of American Colleges
  - Recognition of Premedical Program by American Medical Association
- 1930 • Dietetic Program approved by The American Dietetic Association
- 1945 • Establishment of the Father Gillet Cancer Research Unit (terminated in 1974)
- 1953 • Approval of four-year program in Elementary Education by Pennsylvania State Council of Education
- 1957 • Approval by American Association of University Women
- 1964 • Renewal of accreditation by Middle States Association
- 1967 • Establishment of Center for the Teaching of the Americas
- 1969 • Establishment of the Evening Division
- 1973 • Initial approval of Early Childhood Teacher Education Program by Pennsylvania Department of Education
- 1974 • Establishment of the Early Learning Center
  - Renewal of accreditation by Middle States Association
  - Initial accreditation by National Association of Schools of Music
- 1976 • Renewal of Plan IV Dietetic Program in the areas of General and Clinical Dietetics by The American Dietetic Association
- 1977 • Establishment of Bicultural/Bilingual Studies Master's Program (in cooperation with Marywood College)
- 1978 • Renewal of Teacher Certification Programs by Pennsylvania Department of Education
  - Approval of Music Therapy Program by American Association for Music Therapy
  - Full approval of Early Childhood Teacher Education Program by Pennsylvania Department of Education
- 1980 • Permanent approval of Music Therapy Program by American Association for Music Therapy
  - Full membership in National Association of Schools of Music
- 1981 • Approval of Associate of Arts and Associate of Science Degree Programs by Pennsylvania Department of Education
  - Affiliation with Brandywine and Chester County Hospital Schools of Nursing
- 1983 • Approval of Master of Arts Programs in Counseling Psychology, Educational Leadership and/or Administration, and Nutrition Education by Pennsylvania Department of Education
  - Renewal of Teacher Education Program by Pennsylvania Department of Education
  - Approval of Elementary-Middle School Principal Certification Program by Pennsylvania Department of Education
- 1984 • Accreditation of Coordinated Undergraduate Program (CUP) in the area of General Dietetics by

- Commission on Accreditation of The American Dietetic Association
  - Renewal of accreditation by Middle States Association
  - Approval of upper-division Bachelor of Science in Nursing Degree for Registered Nurses by Pennsylvania Department of Education
- 1987 • Approval of School Psychology Certification Program by Pennsylvania Department of Education
  - Additional focus of Graduate Educational Leadership Program: Leadership in Teaching and Learning
- 1988 • Renewal of accreditation of Coordinated Undergraduate Program (CUP) in the area of General Dietetics by the Council on Education Division of Education
  - Accreditation/Approval of The American Dietetic Association
- 1989 • Initial accreditation of Nursing Program by National League for Nursing
  - Approval of Master of Arts in Music Therapy Program by National Association of Schools of Music
  - Approval by Council on Education, Division of Education
  - Accreditation/Approval of the American Dietetic Association of the Preprofessional Practice Program (AP4)
- 1990 • Approval of Elementary School Guidance Certification and Secondary School Guidance Certification Programs by Pennsylvania Department of Education
  - Approval of Letter of Eligibility for Superintendent/Assistant Superintendent and Executive Director/Assistant Executive Director by Pennsylvania Department of Education
  - Approval of Master of Arts Program in Music Therapy by Pennsylvania Department of Education
  - Renewal of Teacher Education Program by Pennsylvania Department of Education
- 1991 • Renewal of approval of Didactic Program in Dietetics by The American Dietetic Association
  - Approval of Master of Arts Program in Bilingual/Multicultural Studies by Pennsylvania Department of Education
  - Approval of Master of Arts in the Teaching of Mathematics Program by Pennsylvania Department of Education
  - Approval of Master Teacher and Elementary Certification Program by Pennsylvania Department of Education
  - Approval of School Nurse Certification Program by Pennsylvania Department of Education
  - Approval of Doctor of Psychology in Clinical Psychology Program by Pennsylvania Department of Education
  - Approval of Doctor of Education in Educational Leadership and Administration Program by Pennsylvania Department of Education
- 1994 • Renewal of accreditation by Middle States Association
  - Approval by Council on Education Division of Education
  - Accreditation/Approval of The American Dietetic Association of change of the Preprofessional Practice Program to Developmental Accreditation as a Dietetic Internship
- 1995 • Celebration of 75th Anniversary
  - Final approval of Doctor of Psychology Program in Clinical Psychology by the Pennsylvania Department of Education
  - Final approval of Master of Arts Program in Music Therapy by the National Association of Schools of Music
  - Renewal of Teacher Education Program by Pennsylvania Department of Education
  - Establishment of ACCEL® (Accelerated Continuing and Experiential Learning) Programs
- 1996 • Approval of change of name of Master of Arts Program in Bilingual/Multicultural Studies to Cultural and Linguistic Diversity by Pennsylvania Department of Education
- 1997 • Renewal of accreditation of Nursing Program by the National League of Nursing
  - Final approval of Doctor of Education Program by the Pennsylvania Department of Education
- 1998 • Initiation of Phi Kappa Delta Honor Society
  - Approval of certification for Mentally and/or Physically Handicapped Program and Supervisor Certification Programs by the Pennsylvania Department of Education
- 1999 • Approval of Master of Arts degree in Organization Leadership by the Pennsylvania Department of Education
  - Accreditation of Dietetic Internship by the American Dietetic Association
  - Accreditation of Doctor of Clinical Psychology by the American Psychological Association
  - First International Institute for Expressive Arts (IEAAA) held at Immaculata
  - Renewal of Middle States accreditation
  - Approval of official site for National Counselors Exam

- 2000 • Initial Approval of program in School Psychology leading to Doctor of Psychology by the Pennsylvania Department of Education
- Renewal of Teacher Education by Pennsylvania Department of Education
- Establishment of three-college structure: the Women's College; the College of LifeLong Learning; and the College of Graduate Studies
- Accreditation granted for the Dietetic Internship by the Commission on Accreditation for Dietetics Education of the American Dietetic Association
- 2001 • Initial approval of program in Theology leading to an Associate Degree by the Department of Education
- Initial accreditation of the Didactic Program in Dietetics by the Commission on Accreditation of the American Dietetic Association
- 2002 • Renewal of accreditation by the National Association of Schools of Music (NASM) and the American Music Therapy Association (AMTA)
- Approval of teacher certification for Citizenship; Social Justice; General Science; and Business, Computers and Information Technology Programs by the Pennsylvania Department of Education
- Renewal of accreditation of the Bachelor of Science in Nursing Program by the National League for Nursing Accrediting Commission, Inc. (NLNAC)
- Approval of Health Care specialization by Pennsylvania Department of Education
- Final approval of MA in Organization Leadership by Pennsylvania Department of Education
- Initial approval of English as a Second Language (ESL) program specialist training by the Pennsylvania Department of Education
- Immaculata College awarded University status in June 2002 by the Pennsylvania Department of Education
- Initial accreditation of the Didactic Program in Dietetics by American Dietetic Association Commission on Accreditation for Dietetic Education
- 2003 • Approval by Pennsylvania Department of Education of ESL track within MA in Educational Leadership
- Initial approval by Pennsylvania Department of Education for Master of Science in Nursing
- Board of Trustees approved the College of Undergraduate Studies to become co-educational starting Fall 2005
- 2004 • Final Approval for Doctor of Psychology (PsyD) in School Psychology by Pennsylvania Department of Education
- Renewal of accreditation by Middle States Commission on Higher Education
- Approval of Bachelor of Science Degree in Accounting, Business Administration, Biology, Chemistry, Exercise Science, Mathematics/Computer Science, Information Technology by the Pennsylvania Department of Education
- Approval of Associate of Science Degree in Biology, Mathematics/Computer Science, Information Technology by the Pennsylvania Department of Education
- Accreditation of Bachelor of Science in Nursing degree by Commission on Collegiate Nursing Education (CCNE)
- 2005 • Renewal of accreditation of Doctor of Psychology Program in Clinical Psychology by the American Psychological Association
- 2006 • Approval by Pennsylvania Department of Education for Bachelor of Science Degree in Marketing Management
- Approval by Middle States Association to offer first online accelerated program in Organization Dynamics
- Approval by Pennsylvania Department of Education for Master of Science Degree in Nursing
- Approval by Pennsylvania Department of Education for Bachelor of Science Degree in Health Care Management
- Approval by Pennsylvania Department of Education for Bachelor of Science Degree in Allied Health
- 2007 • Approval by the National Association of Schools of Music for a Bachelor of Arts Degree in Music (Performance [Instrumental, Vocal])
- Approval by Middle States Association to offer online accelerated programs in Financial Management, Human Performance Management and Healthcare Management
- 2008 • Approval by Pennsylvania Department of Education for Master of Arts Degree in Applied Communication
- Approval to offer RN to BSN program in state of Maryland
- Approval by the Servicemembers Opportunity Colleges (SOC) as a member of the SOC Consortium
- Agreement with Brandywine Hospital to provide the academic leadership for the Brandywine School of Nursing leading to the transition to close the two-year program at Brandywine School of Nursing and open the four-year pre-licensure BSN program at Immaculata
- 2009 • Approval by the State Board of Nursing to deliver the Bachelor of Science in Nursing degree as a pre-

- licensure Nursing program
- Approval by Pennsylvania Department of Education to deliver the Bachelor of Science in Nursing degree as a pre-licensure Nursing program
  - Approval of change of name of Master of Arts Program in Applied Communication to Public Relations by Pennsylvania Department of Education
  - Celebration of College of Graduate Studies 25th anniversary
  - Approval of Periodic Review Report by Middle States Commission on Higher Education
  - Establishment of the Division of Education and the Division of Nursing
  - Awarded SunGard Higher Education Award for Institutional Performance
  - Institutional approval of revisions to liberal arts core curriculum
- 2010
- Approval by Pennsylvania Department of Education for Master of Arts program in Clinical Psychology
  - Celebration of Nursing department's 25th anniversary
  - Approval by Department of Veterans Affairs to participate in the Yellow Ribbon Program
  - Incorporation of the pre-licensure program in Nursing into existing accreditation of Bachelor of Science in Nursing degree by Commission on Collegiate Nursing Education (CCNE)
- 2011
- Initial approval of Doctorate in Education in Higher Education by Pennsylvania Department of education
  - Renewal of accreditation for 10 years of MSN program by Commission on Collegiate Nursing Education (CCNE)
  - Approval of Special Education and English Language Learning provisions by Pennsylvania Department of Education; Approval of Post-Baccalaureate Certification (Pre K-4 and Pre-K with Special Education) by Pennsylvania Department of Education
  - Awarded the Excellence in Holistic Nursing Education Award from the American Holistic Nurses Association (AHNA)
  - Accreditation of its Business Programs and Separate Specialized Accreditation of its Accounting program by the Accreditation Council for Business Schools and Programs (ACBSP)
  - Approval of Bachelor of Science Degree in Athletic Training by the Pennsylvania Department of Education
- 2012
- Renewal of accreditation of Doctor of Psychology program in Clinical Psychology by the American Psychological Association
  - Institutional approval of the Department of Professional Studies
  - Institutional approval of the Emergency Planning and Management major
  - Renewal of accreditation of the Didactic Program in Dietetics by the Commission on Accreditation for Dietetics Education Accreditation of the American Dietetic Association
- 2013
- Renewal of accreditation by the National Association of Schools of Music (NASM) and the American Music Therapy Association (AMTA)
- 2014
- Institutional approval of Human Resources Management and Health Information Management majors
  - Renewal of accreditation by Middle States Commission on Higher Education
  - Initial accreditation of Athletic Training Program by the Commission on Accreditation of Athletic Training Education (CAATE)
- 2015
- Renewal of accreditation of Doctor of Psychology Program in Clinical Psychology by the American Psychological Association
  - Institution of partnership with DeSales University to offer a 4+1 MBA program to Immaculata students
  - Institutional approval of Interactive Digital Media and Cybersecurity majors
- 2016
- Achievement of Council for Accreditation of Counseling and Related Educational Programs (CACREP) accreditation for the Clinical Mental Health Counselor Master of Arts programs
- 2017
- Installation of Immaculata University's first lay president, Barbara Lettiere (IU class of '72)
- 2018
- Official change of College of LifeLong Learning name to College of Adult Professional Studies
  - Accreditation of Business Leadership and Human Resource Management programs by the Accreditation Council for Business Schools and Programs (ACBSP)

# Admission

Immaculata University seeks to admit students whose interests, goals, and abilities are compatible with its mission, and endeavors to retain them through the pursuit of the students' educational goals. Those students who are best qualified to profit from the distinctive educational opportunities offered by the University will be admitted. The University endeavors to bring together students whose intellectual ability, personal qualities, varied interests and talents, and diverse backgrounds provide a cultural and intellectual atmosphere in which each may become a well-rounded person.

Immaculata processes applications for its undergraduate academic programs through two offices:

- The College of Undergraduate Studies (CUS) Admissions Office welcomes applications from men and women who desire to enroll full-time;
- The College of Adult Professional Studies (CAPS) Office welcomes applications from men and women who study on a full- or part-time basis.

Applications are processed without unlawful discrimination based on an individual's race, gender, ethnicity, religion, age, national origin, color, disability, marital status, familial status, veteran status, ancestry, genetic characteristics, pregnancy, or any other characteristic protected by federal, state or local law or University policy. Each applicant is considered as an individual and consideration is given to special cases. The University reserves the right to modify admission requirements at any time without prior notice.

## COLLEGE OF UNDERGRADUATE STUDIES

The College of Undergraduate Studies processes applications from:

- Full-time students
- First-time freshmen or transfer students
- Students paying full-time tuition
- Students who may desire to live on campus

## REQUIREMENTS FOR ADMISSION

Basic requirements for admission to the College of Undergraduate Studies include, but are not limited to:

- Graduation from an accredited secondary school or the equivalent
- Completion with satisfactory grades of 16 units of secondary school work including the following minimum number of college preparatory courses:

English	4 units
Social Studies	2 units
Foreign Language	2 units
Mathematics	2 units
Science (1 laboratory)	2 units
Electives	4 units

The electives may be chosen from any major subjects accepted for graduation in an accredited secondary school.

- Submission of an essay with the application
- For those academic programs requiring them, acceptable scores

on the SAT test of The College Board or on the ACT from the American College Testing Service

- Test optional for most majors. The only majors that require SAT/ACT scores to be submitted are nursing, allied health, and TJU partnership programs.
- A candidate for admission to the Department of Music must, in addition, arrange for an audition with department faculty.

## APPLICATION

Decisions are made on a rolling admission basis until the class is filled. This means that decisions are made as quickly as possible upon completion of all credentials required.

### Application Procedure

Application can be made as early as August 1st prior to the student's senior year. A completed application packet will include:

1. A completed application form. There is no application fee if a student applies online through [www.immaculata.edu/apply/](http://www.immaculata.edu/apply/).  
Immaculata University is also a member of The Common Application and students may apply for free online at [www.commonapp.org](http://www.commonapp.org). No preference is given between the IU and Common Application. The only time a student would incur the \$35 application fee is if the student sends in a paper application. The fee is waived if a student completes the application while visiting campus.
2. An official copy of the secondary school transcript indicating rank in class, secondary school cumulative grade point average (GPA), and a list of senior year courses. If applicable, a transcript of any college-level courses completed should also be included.
3. SAT or ACT test scores.
  - a. Optional for all majors except nursing, allied health, and TJU partnership programs
4. Essay of 250 words. The essay topics are listed on the University's online application or on The Common Application [website](http://www.commonapp.org) at [www.commonapp.org](http://www.commonapp.org).
5. At least one (1) letter of recommendation, one of which must be from a teacher or counselor. Two (2) letters of recommendation, if the student is applying to the Nursing program.

Immaculata University operates on a rolling admission policy.

Once a student submits all required documents, the file will be reviewed by an admission counselor and a decision rendered. Usual response time from application to decision is 3-4 weeks depending upon the time of year.

The Admission Office strongly recommends that all applicants arrange for a campus visit. For appointments, email the Office of Admission at [admiss@immaculata.edu](mailto:admiss@immaculata.edu) or call 484-323-3060 between 8:30 am and 5:00 pm, Monday through Friday.

## HOME-SCHOOLED

Immaculata University welcomes home-schooled students to apply for admission to the College of Undergraduate Studies. As stated in the preceding section, an admission decision will be issued once the

following credentials have been received and requirements met:

1. A completed application form. There is no application fee if a student applies online through [www.immaculata.edu/apply/](http://www.immaculata.edu/apply/). Immaculata University is also a member of The Common Application and students may apply for free online at [www.commonapp.org](http://www.commonapp.org). There is no preference between the IU and Common Application. The only time a student has to pay the \$35 application fee is if he/she sends in a paper application. The fee is also waived if a student completes the application while visiting campus.
2. An official copy of the secondary school transcript with the documentation listed above. If an official transcript is unavailable from the secondary school or an accredited agency, a record of work completed either by course title, descriptive essay, or portfolio is required.
3. Official transcript of any college level work completed. SAT or ACT test scores.
  - a. Optional for all majors except nursing, allied health, and TJU partnership programs
4. Proof of secondary school graduation or GED completion.
5. A campus visit is strongly recommended.

### ADVANCED PLACEMENT

Immaculata University participates in the Advanced Placement program of The College Board. A student may be exempted from courses in certain departments/divisions provided the student can demonstrate to the department/division concerned that the student has reasonable competence in the material of the course. Students who have taken Advanced Placement tests of The College Board (including the AP/IEL) and have achieved an acceptable score (as established by individual departments) are eligible for the appropriate number of college credits per test taken. The Dean of the College of Undergraduate Studies will determine how the credits are applied in the student's academic program. Credit will be given provided the student does not register in a course that covers substantially the same material.

Advanced placement without credit may be arranged in language and certain other sequential courses at the discretion of the department/division involved. Students receiving advanced placement or credit are required to take the normal load for the semester. Students are urged to enter more advanced courses if their previous work has prepared them to do so.

### STUDENT SUCCESS PROGRAM

Immaculata is committed to helping students attack college work successfully. Therefore, any incoming freshman whose predicted grade point average falls below the qualifying average, but whose high school record, letters of recommendation, and admission interview (if required) indicate potential for achievement in college-level work, may be offered placement in the Study Skills Program. The program, which offers academic support for the first semester, provides the student with a professional academic coach and encourages the student to utilize the student resources. Furthermore, the student must participate in a one-credit study skills course supported by bi-weekly academic

coaching in the Academic Success and Advising Office. Some students are required to enroll in a limited course load of four (4) classes and the required First Year Experience (FYE) course.

### INTERNATIONAL STUDENTS

From its beginning, Immaculata University has provided opportunities for international students to share in the rich total experience—spiritual, intellectual, and social—of the University. Admission of qualified students from other countries is beneficial for them individually, for the University community, and for the world community.

International students seeking admission to Immaculata University must present all credentials required of U.S. students for admission, including SAT or ACT scores. In addition, international students must provide:

1. International students hoping to transfer credits must provide original transcripts of academic credentials accompanied by the English translation and course-by-course evaluation from any NACES-accredited provider. Consideration and review will be given to transcripts reviewed by Commission on Graduates of Foreign Nursing Schools (CGFNS International) and International Consultants of Delaware (ICD), a division of CGFNS, as long as they are course-by-course.
2. Students whose primary language is not English must submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) prior to acceptance into the University. Undergraduate applicants must achieve a score of 65 on the iBT (internet-based), 513 on the PBT (paper-based), or 183 on the CBT (computer-based) Test of English as a Foreign Language (TOEFL). An International English Language Testing System (IELTS) score of 6.0 will also be accepted.
3. Proof that sufficient funds are available for all expenses for the school year and vacation periods must be submitted, in the form of a certified bank statement. The signature of the person responsible for the payment is required. If a bank statement is in the name of more than one person, each individual must submit a notarized affidavit of support. Immaculata does provide limited merit-based financial aid for international students.
4. Certification of health and insurance, including completion of the medical examination form and application for a health insurance policy that includes repatriation and medical evacuation.
5. Copy of identification page of passport
6. Copy of Visa
7. I-94 card

International students should apply as soon as possible after August 1<sup>st</sup> for fall admission to alleviate problems of visa clearance and mail service delays. Applications for the term beginning in January must be completed by September 1.

Some majors have additional requirements; please review intended major requirements.

## TRANSFER STUDENTS

To meet the needs of the increasing number of students who are attending junior colleges, community colleges or those who choose to transfer from another four-year institution, Immaculata University has developed an individualized transfer policy for entrance into baccalaureate degree programs. Students whose cumulative grade point average is equal to or greater than 2.0 on a 4.0 scale are encouraged to apply. Students' credentials will be evaluated on an individual basis.

Normally, a maximum of 64 credits is transferable for CUS students and 72 credits for CAPS students, thus enabling the student who holds an associate degree in a compatible liberal arts program to enter the college with junior status.

Application procedure:

1. A completed application form. There is no application fee if a student applies online through [www.immaculata.edu/apply/](http://www.immaculata.edu/apply/).  
Immaculata University is also a member of The Common Application and students may apply for free online at [www.commonapp.org](http://www.commonapp.org). There is no preference between the IU and Common Application. The only time a student would incur the \$35 application fee is if the student sends in a paper application. The fee is also waived if a student completes the application while visiting campus;
2. Send official transcript(s) from any and all college(s) attended. A secondary school transcript and SAT scores must also be submitted if a student has fewer than 24 credits;
3. Individuals applying to teacher certification programs who have earned 24 or more credits must pass a basic skills test prior to admission. Transfer students with less than 23 credits may be admitted but must formally apply to the teacher certification program after earning 48 credits. Please refer to [www.immaculata.edu/academics/departments/education/certification](http://www.immaculata.edu/academics/departments/education/certification) for specific guidelines;
4. All materials listed above should be sent directly to the Office of Undergraduate Admission;
5. Completion of Conduct Certification form is required for all students transferring into the College of Undergraduate Studies who in the past have attended a four-year university.

## PARTNERSHIP PROGRAMS

Immaculata University offers partnership programs leading to graduate level degrees in Bioscience Technologies, Occupational Therapy, Pre-Pharmacology, and Radiologic Sciences with Jefferson College of Health Professions of Thomas Jefferson University.

These programs require a specific track of coursework to prepare students to matriculate seamlessly into Jefferson College of Health Professions following three years of study at Immaculata University. A distinctive admission process exists for students wishing to study in these programs. The requirements shown below apply only to those students intending to participate in these programs.

1. Cumulative secondary school GPA of 3.3 or higher;
2. Supplemental application to Jefferson program;

3. Official SAT score of 1270 or higher on Evidence-Based Writing + Math (EBW +M) or ACT Composite Score of 26 or higher;
4. Official secondary school transcript(s);
5. On campus interview at Immaculata University or Thomas Jefferson University;
6. Essay on which major the student would like to pursue and why;
7. Resume including activities;
8. Recommendation Letter;
9. Verification of Volunteer/Observation hours;
10. OT and PT applicants should have 25 hours completed at the time of application in either an OT or PT facility. 50 hours should have been completed prior to matriculation.

Note that partnership programs with other institutions exist within the Health Sciences and Services department's fields of study; please see department's pages for additional information.

## READMISSION OF STUDENTS

A student who has voluntarily withdrawn from the college is not automatically readmitted. The student must file with the Office of Undergraduate Admission an application for readmission, and a letter stating the student's reasons for wanting to return. In addition, students must provide an official transcript(s) from any other institutions attended. Readmission will be considered after consultation with the Dean of the particular college.

## APPLICANTS WITH CRIMINAL HISTORIES

Applicants with criminal findings may not be eligible for admission to Immaculata University, except in outstanding circumstances as determined by the president. Applicants having convictions (other than minor traffic violations) will be asked to submit full disclosure of the facts and circumstances of the incident for review by the Office of Admission or college offices on a case-by-case basis.

## CRIMINAL BACKGROUND WAIVER

Immaculata University is committed to ensuring that students have the ability to benefit from the education received at the University.

Although it may not be required for initial admission to the University, certain affiliates associated with Immaculata University may require that students placed in their facility for internships or clinical experiences clear a criminal background check prior to placement.

Students whose background check reveals a criminal history may be prevented access to the internship or clinical site, and as a result, the student may not have sufficient experience to successfully complete their program. Immaculata University and its staff and faculty are not responsible for finding internship or clinical placements for students who are rejected from potential opportunities due to criminal histories or drug use, and students are prohibited from engaging in internships or clinical experiences that have not been pre-approved by the University. Additionally, state licensing boards may deny the individual the opportunity to sit for an examination if an applicant

has a criminal history. The student is responsible for the cost of the criminal background screen(s) at the time of the screening.

### **Additional Provisions**

- Falsification of information, including omission of relevant information, may result in denial of admission or dismissal from the educational program or University.
- Criminal activity that occurs while a student is in attendance at the University may result in disciplinary action, including dismissal, and will be addressed through the Code of Student Conduct and Student Disciplinary Procedures.
- Students should be aware that drug testing may also be required for clearance to internship and clinical placement sites.

## **COLLEGE OF ADULT PROFESSIONAL STUDIES**

The College of Adult Professional Studies (CAPS) serves adult students who pursue associate or baccalaureate degrees or various certificates, or who enroll in workshops for professional proficiency and personal enrichment.

The College of Adult Professional Studies is committed to providing meaningful educational experiences to men and women, full- and part-time adult students who are entering college for the first time or who are returning after a lapse of time. The College of Adult Professional Studies fulfills the educational needs of the adult learner who wishes:

- To earn an associate or baccalaureate degree;
- To obtain teacher certification;
- To fulfill a certificate program in a special area;
- To update skills and knowledge;
- To enrich his or her personal life.

### **REQUIREMENTS FOR ADMISSION**

The College of Adult Professional Studies is open to any student who:

- is a graduate of an accredited secondary school or has achieved the equivalent status through GED certification;
- has the potential to meet the educational standards of the University.

### **ADMISSION PROCESS FOR DEGREE, CERTIFICATE, AND CERTIFICATION PROGRAMS**

Applications to the College of Adult Professional Studies include:

1. Completed and signed application form;
2. Official transcript from an accredited secondary school or the GED. A secondary school transcript must be submitted only if a student has earned fewer than 24 college credits at previous accredited institutions;
3. Official transcripts of previously attended colleges.

In addition, students whose primary language is not English must submit results of the TOEFL or IELTS. This requirement is waived if applicants have documentation that they graduated from an English language academic institution.

Students who attended foreign schools must have their transcripts evaluated by World Education Services (WES), Educational Credential Evaluators (ECE), or the Commission on Graduates of Foreign Nursing Schools (CGFNS). More information is available in the Office of the College of Adult Professional Studies

Normally, a maximum of 72 credits may be accepted in transfer for CAPS students, thus enabling the student who holds an associate degree in a compatible liberal arts program to enter the college with junior status.

If the applicant was enrolled in a post-secondary institution within the past five years and had a grade point average below 2.0 they will be reviewed by the Dean of the College of Adult Professional Studies on a case-by-case basis for admission.

### **Additional Requirements – ACCEL® RN to BSN Program**

1. A copy of current RN license
2. Official transcripts from an accredited Nursing Program
3. Graduation from an accredited diploma or associate degree in nursing program

### **Additional Requirements Teacher Certification Programs**

Individuals applying to teacher certification programs who have earned 24 or more credits must pass a basic skills test prior to admission. Transfer students with less than 23 credits may be admitted but must formally apply to the teacher certification program after earning 48 credits. Please refer to [www.immaculata.edu/academics/departments/education/certification](http://www.immaculata.edu/academics/departments/education/certification) for specific guidelines.

### **Additional Requirements – Education Certification (Post-Baccalaureate)**

Immaculata's post-baccalaureate teacher certification programs are designed for individuals who have earned a bachelor's degree and wish to enter the field of education. Students pursuing certification in secondary education should hold a bachelor's degree related to the content area of choice.

Applicants for an Education Certification program should:

1. Submit official transcripts indicating graduation from a regionally accredited institution with a baccalaureate degree;
2. Possess a cumulative grade point average of 3.0;
3. Meet with an advisor from the Education Division.

### **Admission/Registration Policy for Non-Degree Seeking/Enrichment Students**

Most courses offered by Immaculata University can be taken for personal enrichment.

Individuals who are not pursuing a certificate, certification or a degree may enroll in courses for which they have the prerequisites by:

1. Completing a registration form;
2. Submitting tuition payment.

### **Admission/Registration Policy for Credit or Non-Credit Workshops**

Immaculata University offers a variety of credit or non-credit workshops that may be taken to enhance skills or for personal enjoyment. Interested individuals must:

1. Complete a registration form;
2. Submit workshop tuition payment.

### **INTERNATIONAL STUDENTS**

International students seeking admission to the College of Adult Professional Studies should follow the admission requirements as outlined in the “[International Students](#)” section of this catalog. CAPS admission counselors are available to assist international students with admission requirements.

### **CLASSIFICATION**

Students in the College of Adult Professional Studies are classified as:

1. Matriculated students enrolled in a degree or certificate program;
2. Non-matriculated students enrolled in credit courses for:

- enrichment, or
- transfer to another institution

Credits earned by non-matriculated students can be applied to a degree once a student matriculates;

3. Non-matriculated students enrolled for audit in non-credit workshops, or for precollege work;

4. Post-baccalaureate students enrolled in:
  - education or music therapy certification;
  - post-baccalaureate program in science and allied health;
  - verification in dietetics.

Applicants with criminal histories see “[Applicants with Criminal Histories](#)” section of this catalog.

# Expenses, Payment Policy and Financial Aid

## TUITION AND FEES

### COLLEGE OF UNDERGRADUATE STUDIES (CUS) STUDENTS – 2018-19

Fulltime Tuition	\$26,500 per year
Per credit tuition rate	\$ 540

Tuition for full time CUS students is up to 18 credits per term. Full-time students taking more than 18 credits in a term will be charged the current per credit rate for each additional credit in excess of 18 credits.

### Room and Board Charges 2018-19

Triple occupancy	\$5,730 per year
Double occupancy	\$6,390 per year
Single Dorm occupancy	\$8,840 per year
West Campus Apartments	\$9,300 per year
19 meal plan-per week	\$6,230 per year
15 meal plan-per week	\$5,490 per year
150 block meal plan-per term(sophomores/juniors/seniors)	\$4,180 per year
100 block meal plan-per term(juniors/seniors)	\$3,090 per year
50 block meal plan-per term(apartment residents)	\$1,530 per year

\* Non-resident students are eligible for all meal plan options.

### Fees: CUS Students

Application fee	\$ 35
University Student Services fee	\$425 term/ \$850 annual
New Student fee	\$350

*First-time and Transfer students*

Immaculata reserves the right to revise tuition charges and fees.

### Enrollment and Housing Deposits

Freshman and Transfer students entering the College of Undergraduate Studies must submit the following deposits:

- **Enrollment Deposit** of \$250, applicable to all students. Once submitted, the enrollment deposit will be applied as payment towards the student account balance. The enrollment deposit is refundable only if a written request is received prior to May 1st for students applying for the fall term and prior to December 1st for students applying for the spring term.
- **Housing Deposit** of \$250, applicable to resident students. Once submitted, the housing deposit will allow room assignment. The housing deposit, less any outstanding financial obligations including room damages, will be refunded within the month following Commencement. In case of withdrawal or cancel, this deposit less any outstanding financial obligations,

including room damages, will be refunded if official notice of withdrawal or cancel is filed by June 15<sup>th</sup> for the fall and December 1<sup>st</sup> for the spring term. Submit notice to the Residence Life and Housing Director.

### COLLEGE OF ADULT PROFESSIONAL STUDIES (CAPS) STUDENTS – 2018-19

Application fee	\$ 50
Per credit tuition rate	\$540
Per credit tuition rate (Associate's degree)	\$250

### COURSE RELATED FEES - ALL STUDENTS 2018-19

Art fees	\$ 10-60
Athletic training materials/clinical	\$ 35-200
Business/Accounting assessment	\$ 50
CSI exercise workshop	\$ 40
Dietetic practicum	\$ 55
Fashion course fee	\$ 50-75
Field placement	\$ 60
Lab fees	\$ 75
Music Lesson: 30 minute	\$320
Music Lesson: 60 minute	\$620
Music Therapy	\$ 75
Nursing Clinical fees	\$385-725
Instructional materials	\$ 50-65
Nursing lab fee	\$150
Student teaching and observation	\$230

### OTHER FEES – ALL STUDENTS 2018-19

Challenge Exam	\$ 75
Credit for Prior Learning – per credit	\$ 10
Doctor's visit	\$ 10
Graduation fee	\$150
Guest Room rent (per day)	\$ 40
Late Payment fee	\$ 30
Parking Permits	\$25-50
Replacement ID cards	\$ 15
Returned Check Charge	\$ 25
Sports Physical fee	\$ 25
Transcript fee	\$ 10

Immaculata reserves the right to revise tuition charges and fees.

### STUDENT FINANCIAL RESPONSIBILITY AGREEMENT

All students at Immaculata University are required to agree to the Student Financial Responsibility Agreement once each term before registering for courses. The Agreement is available in the registration area of S.S.IU (Self-Service IU), accessible through MyIU, and defines the financial terms and conditions associated with course registration. This includes the student's responsibility regarding payment of tuition and fees, IU email, electronic billing, late fees, financial holds, financial aid, course add/drop/withdrawal, change of name/address/phone number and debt collection.

## PAYMENT POLICY

Tuition, charges and fees are assessed on a term basis and are due in full by the term payment due date unless a student enrolls into the IU Installment Payment Plan. Students registering on or after the term payment due date are required to pay at the time of registration. Once registered, a student assumes financial responsibility for charges. Term bills and monthly statements are generated electronically and are available online at S.S.IU, accessible through [MyIU](#). Students are not permitted to attend class or occupy University housing until registration confirmation and full payment has been remitted or payment arrangements have been authorized by the Business Office prior to the term payment due date. Late fees in the amount of \$30 are assessed monthly.

It is the responsibility of all financial aid recipients to ensure that their financial aid is available by the term payment due date.

Students with outstanding financial obligations will not be permitted to register for future terms, receive grades, teacher certifications, transcripts, or diplomas.

## PAYMENT METHODS

Payments may be made by check, cash, or any major credit card. Payments are accepted online through S.S.IU, by mail or in person in the Business Office between the hours of 8:00 a.m. and 4:30 p.m. Modified summer hours may apply. The Business Office is located in Room # 14 terrace level, Villa Maria Hall. A payment drop box is located outside the Business Office doors in Villa Maria. Checks should be made payable to Immaculata University and mailed to: Business Office, Villa Maria 14, Immaculata, PA 19345. Questions may be directed to [studentaccounts@immaculata.edu](mailto:studentaccounts@immaculata.edu) or by phone at 610-647-4400, extension 3174

### Installment Plan Option for CUS Students

Immaculata offers a payment plan that allows CUS students to distribute their term costs over installment payment dates during a traditional term; 4 installments for fall and 4 installments for spring. There is a \$25 non-refundable installment plan enrollment fee payable at time of enrollment; this fee is not included as part of the installment payment plan. Students must complete an enrollment form and pay the \$25 fee each term. Forms are available on the MyIU student portal, Student Finances, under Student Account Resources. Installment plan due dates and additional information may be found on the enrollment form. Late payment fees apply.

### Installment Plan Option for CAPS Students

Immaculata offers an installment payment plan that allows CAPS students to distribute their term costs over three (3) installment payment dates during a traditional term. There is a \$25 non-refundable installment plan enrollment fee payable at time of enrollment; this fee is not included as part of the installment payment plan. Installment plan due dates are based on a traditional term, not course schedules. Students must complete an enrollment form and pay the \$25 fee each term. Forms are available online at on the MyIU student portal, Student Finances, under Student Account Resources. Installment plan due dates and additional information may be found on the enrollment form. Late payment fees apply.

## Employer Reimbursement

Students who expect to receive tuition reimbursement from their employer must pay tuition charges and fees on the term payment due date or on the installment payment dates of an approved tuition installment plan.

## Employer Tuition Assistance Program - ETAP

Immaculata offers direct employer billing to those who qualify, according to the following requirements:

- Students must be enrolled in the College of Adult Professional Studies
- Students must submit an ETAP Form or employer's Letter of Credit each term
- Employer must remit payment directly to IU within 30 days of billing
- Employer payment must not be dependent upon grade
- The student is responsible for all tuition and fees not paid by the employer.

For further information or to receive an ETAP Form visit the MyIU student portal, Student Finances, under Student Account Resources.

## STUDENT REFUND POLICY - ALL STUDENTS

In compliance with Federal regulations, it is Immaculata University's policy that credit balances on a student account resulting from the receipt of Federal funds be refunded to the student, third party (such as a borrower) or lending institution. Immaculata will process refunds in accordance with Federal guidelines.

The Business Office processes and mails refund checks to the home address provided by the student. Immaculata may offer students the option to have refunds deposited directly to bank accounts. Registration for this option is on MyIU, through SSIU). The University reserves the right to process refunds by checks sent to the student's residence. Immaculata issues refunds to the students. Parent PLUS Loan credits are issued to the borrower.

Credit balances resulting from non-Federal funds will be processed within three weeks after the credit occurs and issued to the appropriate party. Refunds are processed for the full amount; partial refunds will not be processed.

Credit balances (up to \$800) may be transferred to the student's University One Card.

Students may request to have their student account credit balance held to pay future charges through the end of the aid year. The aid year runs fall through the end of summer terms. All credits are refunded at the end of each aid year.

Once a student has graduated or is no longer enrolled at Immaculata and all financial obligations have been met, eligible refunds will be issued.

## COLLECTION PRACTICE

Immaculata University reserves the right to assign overdue account balances to collection agencies.

Once an account is assigned to a collection agency, all communication by the student must be made through the collection agency. Accounts are reported to credit bureaus. Students are responsible for paying the collection agency fee which may be based on a percentage at a maximum of 40% of the overdue balance, together with all costs and expenses, including reasonable attorney's fees, necessary for the collection of a delinquent account. All payments must be made directly to the collection agency; Immaculata cannot accept direct payments once an account is placed with a collection agency. The account is considered paid in full when the total overdue balance is paid.

## TUITION REFUND AND ACADEMIC CREDIT POLICY

For students paying fulltime or per-credit tuition, requests to drop or withdraw from a course must be stated in writing to appropriate college. See the [Change of Courses](#) section of this catalog for the specific procedures. **The cessation of attendance and/or failure to log into a course does not constitute an official withdrawal.** A fee associated with any course is not refundable once the term has begun.

### FULLTIME TUITION RATE REFUNDS

Immaculata University will refund CUS full time tuition when the student withdraws prior to the end of the fourth calendar week of class according to the following chart.

Drop Date	Refund Amount	Transcribed as
Before classes start	100%	Not Recorded
During the 1st calendar week of classes	80%	Not Recorded
During the 2nd calendar week of classes	60%	Not Recorded
During the 3rd calendar week of classes	40%	Not Recorded
During the 4th calendar week of classes	20%	W
After the 4th calendar week of classes	0%	W

### PER CREDIT TUITION RATE REFUNDS

#### Full Semester Classes (14-15 WEEKS)

When a student withdraws from a course that meets more than once per week, Immaculata University will refund tuition on a calendar week basis, according to the following chart:

Drop Date	Refund Amount	Transcribed as
Before classes start	100%	Not Recorded
During the 1st calendar week of classes	80%	Not Recorded
During the 2nd calendar week of classes	60%	Not Recorded
During the 3rd calendar week of classes	40%	Not Recorded
During the 4th calendar week of classes	20%	W
After the 4th calendar week of classes	0%	W

#### Accelerated Classes (7-8 Weeks)

When a student withdraws from a course that meets 7-8 weeks, Immaculata University will refund tuition on a calendar week basis, when notification occurs as follows:

Drop Date	Refund Amount	Transcribed as
Before classes start	100%	Not Recorded
During the 1st calendar week of classes	80%	Not Recorded
During the 2nd calendar week of classes	40%	Not Recorded
During the 3rd calendar week of classes	20%	W
After the 3rd calendar week of classes	0%	W

#### Accelerated Classes (5- 6 Weeks)

When a student withdraws from an accelerated course that meets once per week, Immaculata University will refund tuition on a calendar week basis on a calendar week basis, when notification occurs as follows:

Drop Date	Refund Amount	Transcribed as
Before classes start	100%	Not Recorded
During the 1st calendar week of classes	80%	Not Recorded
During the 2nd calendar week of classes	20%	W
After the 2nd calendar week of classes	20%	W

#### Classes with Four or Fewer Class Meetings

When a student withdraws from a course that meets four or fewer times over the entire semester, Immaculata University will refund tuition on a calendar week basis, according to the following chart:

Drop Date	Refund Amount	Transcribed as
Before the first day of the term	100%	Not Recorded
After first class meeting	0%	W

## ROOM CHARGE & MEAL PLAN REFUNDS

Refunds for room charges and meal plans are as follows:

Date	Refund Amount
Prior to the start of the term	100%
Within the first week	80%
Within the second week	60%
Within the third week	40%
Within the fourth week	20%

The start of the term is the first day of academic classes each semester. No refunds will be granted past the start of the fifth week of each semester for room or meal plan charges. Students are responsible for maximizing the use of their meal plan during any given semester. No partial refunds will be given for students who did not use all meal swipes allotted to them in their chosen meal plan.

## RETURN OF TITLE IV FUNDS

The Financial Aid Office is required by Federal statute to determine how much financial aid was earned by students who withdraw, drop out, are dismissed, or take a leave of absence prior to completing 60% of a payment period or term.

For a student who withdraws after the 60% point-in-time, there are no unearned funds. However, a school must still complete a return calculation in order to determine whether the student is eligible for a post-withdrawal disbursement.

The calculation is based on the percentage of earned aid using the following Federal Return of Title IV funds formula: Percentage of payment period or term completed = the number of days completed up to the withdrawal date divided by the total days in the payment period or term. (Any break of five days or more is not counted as part of the days in the term.) This percentage is also the percentage of earned aid.

Funds are returned to the appropriate Federal program based on the percentage of unearned aid using the following formula:

Aid to be returned = (100% of the aid that could be disbursed minus the percentage of earned aid) multiplied by the total amount of aid that could have been disbursed during the payment period or term.

If a student earned less aid than was disbursed, the institution would be required to return a portion of the funds and the student would be required to return a portion of the funds. Keep in mind that when Title IV funds are returned, the student borrower may owe a debit balance to the institution.

If a student earned more aid than was disbursed to him/her, the institution would owe the student a post-withdrawal disbursement, which must be paid within 120 days of the student's withdrawal.

The institution must return the amount of Title IV funds for which it is responsible no later than 45 days after the date of the determination of the date of the student's withdrawal.

Refunds are allocated in the following order:

- Unsubsidized Direct Stafford Loans (other than PLUS loans)
- Subsidized Direct Stafford Loans
- Federal Perkins Loans
- Federal Parent (PLUS) Loans Direct PLUS Loans
- Federal Pell Grants for which a return of funds is required
- Federal Supplemental Opportunity Grants for which a return of funds is required
- Other assistance under this Title for which a return of funds is required (e.g. LEAP)

## GRADE LEVEL ADVANCEMENT POLICY

The following is the credit/classification table:

Classification	Cumulative Credits
Freshman	0.0 – 23.0
Sophomore	24.0 – 53.0
Junior	54.0 – 89.0
Senior	90.0 +

The chart below demonstrates how grade level is determined at Immaculata.

Class	Quarter Credits	Grade Level
Freshman year	0 – 23.0	1
Sophomore year	24.0 – 53.0	2
Junior year	54.0 – 89.0	3
Senior year	90.0 – 99.9	4
Graduate	0 – 999 quarter or semester credits	N/A

## ENROLLMENT REQUIREMENTS

To be considered for financial aid you must be officially admitted to a degree program at Immaculata University or matriculated in a degree program and making satisfactory academic progress toward degree requirements. Students in certain certificate or diploma programs may also be eligible for consideration. Generally, University-administered aid (scholarships and grants) is awarded to students registered as full-time and taking all classes at Immaculata.

Students must register for a minimum of 12 credits per term to be considered full-time as an undergraduate, and 9 credits as a graduate.

Part-time students (fewer credits than full-time status) may be eligible for Pennsylvania State Grant and Federal Grant and Loan program (Direct Stafford Loan or a Direct PLUS - Federal Parent Loan for Undergraduate Students - and Pell Grant) funds, but they must also maintain program satisfactory academic progress.

## FINANCIAL ASSISTANCE POLICY

Immaculata assists academically capable and qualified students who might otherwise be unable to obtain an education at Immaculata. The Office of Financial Aid provides aid to all students with documented financial need without regard to race, color, creed, gender, handicap, and national or ethnic origin. All students are encouraged to apply for admission regardless of financial need. All admission decisions are made without respect to the applicant's financial need.

Immaculata expects parents and students to contribute toward the cost of the student's education. To the extent that funds are available, a student's financial aid package will contain both gift (grants and scholarships) and self-help (employment and loans) forms of assistance.

Applicants for financial aid must meet Federal criteria of U.S. citizenship or be eligible non-citizens to receive need-based aid. To qualified students, Immaculata offers financial aid in the form of scholarships, loans, grants, and campus employment on the basis of the applicant's academic promise and financial need, and within the limits of the funds available. About 90% of the students in the College of Undergraduate Studies receive some form of financial assistance.

The Office of Financial Aid acts on the applications of entering students only after a candidate has been accepted for admission. Applications from veterans should indicate the extent of eligibility for Veterans' Benefits.

## APPLICATION PROCEDURES

Consideration for financial assistance is awarded on an annual basis for one year only and renewal is not automatic. All forms of financial aid must be reapplied for annually. In addition to complying with renewal criteria for the different aid programs described in the following sections, students who wish to be considered for financial aid must submit all required applications by the filing deadline of April 15th of each year.

## FILING REQUIREMENTS FOR FIRST-TIME STUDENTS

All incoming first-time students are encouraged to complete the Free Application for Federal Student Aid (FAFSA) by the priority filing deadline of February 15. The FAFSA is available via the internet at <http://www.fafsa.gov> or by calling 1-800-433-3243. Immaculata's Department of Education Code for filing the FAFSA is 003276. Students interested in pursuing a Direct Stafford Loan must complete a loan entrance interview online as well as complete and sign a Master Promissory Note online at [www.studentloans.gov](http://www.studentloans.gov).

## RENEWAL APPLICATION PROCEDURES FOR CONTINUING STUDENTS

Continuing students must apply for financial aid each year. Renewal FAFSAs are available online after October 1st of each year at [www.fafsa.gov](http://www.fafsa.gov). Continuing students must file all required applications by April 15. We highly recommend filing on the internet at [www.fafsa.gov](http://www.fafsa.gov).

## FINANCIAL ASSISTANCE APPLICATION PROCEDURES FOR TRANSFER STUDENTS

Transfer students must follow the same application procedures as all other financial aid applicants by submitting the FAFSA. Official final academic transcripts are required from each previously attended institution for measuring the satisfactory academic progress of PHEAA State Grant recipients as well as determining grade level for loan eligibility.

## IMMACULATA SCHOLARSHIPS & GRANTS COLLEGE OF UNDERGRADUATE STUDIES

Immaculata awards a variety of scholarships and grants each year to entering full-time freshmen and transfers in the College of Undergraduate Studies. The student

- must enroll in a full-time day matriculated degree-seeking program paying full-time annual tuition;
- cannot receive institutional aid including tuition benefit programs, that exceeds the cost of full-time annual tuition;
- must report any aid received from outside sources (i.e. private scholarships, tuition remission, etc.) as these awards may impact the student's eligibility and/or institutional funding amounts;
- cannot receive institutional aid in combination with outside resources (tuition only) that exceeds the cost of full-time annual tuition.
- Students must annually accept their terms and conditions for receiving institutional grants and scholarships. Additional information can be found at:  
<https://www.immaculata.edu/admissions/financial-aid/policies/terms-conditions/>

Interested applicants should contact the Office of Undergraduate Admission to determine the exact criteria for scholarships and grants. Students applying for need-based Immaculata scholarships/grants are required to complete the Free Application for Federal Student Aid (FAFSA) by the priority deadline of February 15.

## Scholarships and Grants

- **Immaculata University Academic Scholarships:** Varying amounts awarded to full-time undergraduate students based on academic success, range from up to full tuition per year.
- **Phi Theta Kappa Scholarships:** awarded to Community College transfer students who are members of the Phi Theta Kappa Honor Society; award adds \$1000 additional scholarship to Transfer Scholarships.
- **IU Opportunity Grants:** awarded to full-time undergraduate students who complete the FAFSA and show demonstrated financial need. Amounts vary.
- **IU Catholic High School Grant:** Awarded to new full-time incoming first-time freshmen students who have graduated from a Catholic High School.
- **IU Inclusion Grant:** Awarded to first-time, full-time freshmen from diverse racial, ethnic, and socioeconomic backgrounds. Students must have at least a 3.0 GPA, be engaged in community service and/or extracurricular activities, and have demonstrated financial need.
- **Hugh O'Brian Youth Foundation Scholarship:** awarded to an accepted applicant who participated in the Pennsylvania HOBY Leadership Program.

Modifications may be made to Immaculata's scholarship/grant program as part of an on-going process of review.

## Requirements to Renew Scholarships and Grants

All recipients of Immaculata University Scholarships must maintain either a 2.50 or 3.00 cumulative Grade Point Average (CGPA) on a 4.00 scale depending on the specific scholarship criteria. All recipients of Immaculata University Grants and Immaculata University Opportunity Grants must maintain a 2.00 cumulative Grade Point Average (CGPA) on a 4.00 scale. Academic review for renewal of awards will take place at the end of the first year and then after each semester for the second, third and fourth years.

Lost awards may be restored for the semester following the attainment of the required cumulative grade point average.

## Funded Academic Awards

Through special funding, Immaculata annually awards a number of scholarships to students who meet the specific qualifications and have submitted the Free Application for Federal Student Aid (FAFSA). A number of funded awards may be awarded at any time of the current academic year in place of the Immaculata University Opportunity Grant based on funding levels and determination of student eligibility.

- **Sister Marie Antoine Memorial Scholarship:** established in 1985 in memory of Sister Marie Antoine, IHM, college president 1972 - 82; awarded to an accepted female student in the top tenth of her class with combined SAT scores of 1200 or above.
- **Jane M. Feely Memorial Scholarship:** established in 1987 in memory of Jane M. Feely, mother of alumna Jane F. Feely Guzikowski '50; awarded to an accepted student based on academic achievement and demonstrated need.

- *Monsignor M. M. Hassett Scholarship/Grant*: established in 1941 at the request of Monsignor Hassett; open to graduates of Our Lady of Lourdes Regional High School, Shamokin, PA.
- *Kathy Burke Memorial Scholarship*: established in 1982 in memory of alumna Kathleen F. Burke '79; awarded on the basis of academic achievement and geographic location.
- *Sister Mary Consuela Scholarship*: in honor of Sister Mary Consuela, IHM, professor of history, established in 1985; awarded to a qualified Hispanic-American female from the Delaware Valley.
- *Teresa and Estelle Fagan Memorial Scholarship*: established in 1990 honoring Teresa Fagan '39 and her mother; awarded on the basis of academic achievement and demonstrated need.
- *Wall Memorial Scholarship*: established in 1942 through the bequest of the Wall family; awarded on the basis of academic achievement.
- *Anne and Timothy McCarthy Memorial Scholarship*: established in 1986 in memory of employee Anne McCarthy and her husband; a book scholarship awarded on the basis of academic achievement and demonstrated need.
- *Fred and Barbara Travaglini Scholarship*: established in 1991 by trustee Barbara Travaglini and her husband; awarded on the basis of academic achievement and demonstrated need.
- *Class of 1939 Scholarship*: established in 1989 as a 50th anniversary gift; awarded on the basis of academic achievement and demonstrated need.
- *Almira M. Doult Memorial Scholarship*: established in 1989 in memory of the mother of Sister Kathleen C. Doult, IHM, professor of music; awarded to a qualified music student with demonstrated need.
- *Borrelli Family Scholarship*: established in 1990 in memory of the parents of Sister Barbara Miriam Borrelli, IHM, and Dr. Nicholas Borrelli; awarded to a junior or senior music major giving evidence of outstanding development in the area of performance.
- *W. W. Smith Foundation Grants*: available since 1978 through the generosity of the Trust, established by financier William Wikoff Smith; awarded to undergraduate students with demonstrated need to supplement federal, state, and college grants.
- *Draper-Walsh Service Grant*: established in 1996 by Mrs. Mimi Draper Walsh '63; \$7500 award given to a traditional student who has given service to church, school, and/or community and who gives promise of continuing that service in the university years.
- *Jada Gallagher Scholarship*: established in memory of Jada S. Gallagher, a distinguished graduate of the Class of 1993, by her family and friends; this partial scholarship is awarded to a deserving sophomore, junior, or senior who has given evidence of outstanding talent in written communication. The recipient will have attained a cumulative GPA of 3.50 or higher. Candidates should also submit a formal proposal that will include their long-term goals. The scholarship may be renewed, up to and including the senior year, provided the recipient continues to maintain academic excellence.
- *The Maguire Scholarship Higher Education Program*: Immaculata University, in partnership with The Maguire Foundation, will provide need-based academic scholarships to incoming new full-time traditional freshmen or transfer students. The Maguire Foundation Scholarship is a highly selective and prestigious award. Due to the competitiveness and selectivity of the Maguire Foundation Scholarship award, Immaculata University will only be awarding five (5) renewable "last-dollar" scholarships per year from the selected eligible nominated group of incoming first-time full-time freshmen and/or incoming community college transfer students who have been previously awarded enrolling with Immaculata University in the College of Undergraduate Studies. To apply for The Maguire Foundation Scholarship with Immaculata University, please print and submit a [Maguire Foundation Scholarship Application](#) and all supporting documentation information to The Office of Financial Aid.
- *The Beverly H. Lomax and the Lomax Family Foundation*: Awarded to an African American undergraduate student
- *Margaret McHugh Scholarship*: Awarded to an undergraduate student enrolled in the College of Undergraduate Studies based on academic merit and financial need.

## TUITION REDUCTIONS AND OUTSIDE RESOURCES

- **IU Family Grant**: Awarded to two or more members from the same family (economic unit) attending the College of Undergraduate Studies who are enrolled at the same time at Immaculata. They will each be given a 10% reduction in their respective tuitions. The total of Immaculata aid may never exceed the amount of full-time annual tuition.
- **IU Legacy Grant**: Awarded to students attending the College of Undergraduate Studies for whom it has been verified are dependents of an Immaculata Alum. Students will be given a 10% full-time annual tuition reduction. The total Immaculata aid may never exceed the amount of full-time annual tuition.
- **Tuition Exchange, Inc. (TE) and CIC Tuition Exchange Program (CIC-TEP)**: Awarded to a limited number of qualifying admitted undergraduate students. CIC-TEP scholarships are full-tuition, tuition-only scholarships. TE scholarships are currently full-tuition, tuition-only scholarships, subject to change. Other costs, including but not limited to room, board, fees, and expenses, are the responsibility of the student. Annual filing of the FASFA is required. Any Federal Grant or State Grant aid for which the student qualifies will be used to offset the amount of the scholarship amount and, combined with the TE/CIC-TEP tuition scholarships, will not exceed the cost of fulltime annual undergraduate tuition. The TE/CIC-TEP tuition scholarship supersedes any IU merit/need scholarship or grant applied towards tuition charges only. TE and CIC-TEP scholarships are applicable to Fall and Spring terms, and are not applicable to Winter term, any of the Summer terms, or study abroad.. Scholarships are renewed on a yearly basis if the recipient's parent remains eligible and the recipient remains in good standing with the University.
- **IU Employee Benefit Programs**: Recipients of all Immaculata University Employee Tuition Benefits programs will

receive a maximum benefit award not to exceed the student's full-time annual tuition amount. These benefit award amounts are awarded to full-time undergraduate student(s) based on Human Resources Office criteria and approval. Any Federal Grants or State Grant aid for which the student qualifies will be used to offset the amount of the tuition benefit amounts. Federal and/or State grant eligibility combined with the tuition benefit amount will not exceed the cost of full-time annual tuition. Less than full-tuition benefit employees will be eligible for up to half-tuition coverage from all sources. The tuition benefit will supersede any IU merit/need scholarship or grant applied towards tuition charges only. Tuition benefit awards are not applicable toward University Fees, housing and/or meal charges.

**\*\*Any and all adjustments to IU Employee benefit program award amounts as outlined above are applicable to all benefit eligible full and part-time employees.**

- **Veterans Benefits:** Partial- or full-tuition only benefits awarded to qualified veteran status students only. Students receiving any form of veteran benefits, including housing and meal allowances paid directly to the student, are required to inform the Office of Financial Aid of the level and amount of received funding. Veteran's benefits count as resource funds to determine eligibility for any remaining, up to tuition charges only, University funding levels. Veteran's benefit awards will supersede any IU merit/need scholarship or grant applied towards tuition charges only.

## FEDERAL AND STATE AID

Application for all the programs listed below must be made by using the Free Application for Federal Student Aid (FAFSA).

Students must annually accept their terms and conditions for receiving federal and state aid. Additional information can be found at: <https://www.immaculata.edu/admissions/financial-aid/policies/terms-conditions/>

## FEDERAL PROGRAMS

The federal government offers financial assistance programs, and Immaculata participates in all of the programs listed below. The general criteria for eligibility include enrollment in an eligible institution; status of citizen, national, or permanent resident of the U.S. or the Trust Territories of the Pacific Islands; and demonstration of financial need. Need is defined as the difference between educational costs—tuition, fees, room, board, books, supplies, and personal expenses—and the amount the student and the student's family can be expected to pay for the education as determined by the federal need analysis formula.

## FEDERAL PELL GRANTS

These grants are awarded directly by the federal government based on financial need and the FAFSA EFC. Students must be undergraduate students who do not already hold a bachelor's degree. *Students are entitled to 12 semesters (600%) of full-time Pell Grant award equivalencies over their undergraduate studies college career from all institutions attended. Students will be notified of their Pell Grant Lifetime Eligibility Used (L.E.U) by the Department of Education.*

## FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS (FSEOG)

This grant program is administered by the University and is awarded to undergraduate students who demonstrate exceptional financial need and are enrolled at least half-time. The minimum SEOG award is \$100 per year. Priority is given to students who qualify for a Pell Grant and show a represented demonstrated financial need as determined by the FAFSA EFC.

## FEDERAL WORK-STUDY PROGRAM (FWS)

This program offers students the opportunity to pay for living and educational expenses as they are incurred. Students are placed in various offices on campus and receive a monthly paycheck for the hours worked. Award amounts vary, and eligibility is based on need. Do not include Federal Work-Study as a credit for payment of tuition, fees or room and board.

## FEDERAL PERKINS LOAN

Under this program, loans of up to \$4,000 are awarded each year to students demonstrating financial need. Repayment begins nine months after a student graduates, leaves school, or drops below half-time enrollment. The interest rate is 5%, and maximum repayment schedule is ten years.

**\*\*Please Note:** The Federal Perkins Program has been suspended for providing any new awards beginning with the 2018-2019 academic year.

## DIRECT LOAN PROGRAMS

The Direct Loan Programs include the Direct Stafford Loans (both subsidized and unsubsidized) and the Direct PLUS (Parent Loan for Undergraduate Students). Direct Loans are special low interest loans, available to all students enrolled at least half-time as a matriculated student in an eligible degree seeking program. An official FAFSA must be completed and on file each year with the Department of Education to apply for, and receive, any Direct Student or PLUS Loan. Loan limits are listed in the table below. Repayment calculation begins six months after a student graduates, leaves school, or drops to less than half-time enrollment.

Direct PLUS loans are credit-based loan options available to parents whose dependents are attending an institution of higher education. Parents may borrow up to the cost of attendance minus any other aid per eligible dependent student. Repayment options are available regarding the Direct PLUS loan.

## ANNUAL LOAN LIMITS FOR DIRECT SUBSIDIZED AND DIRECT UNSUBSIDIZED STUDENT LOANS

The actual loan amount is based on individual eligibility. A borrower's total financial aid package that may consist of grants, scholarships and loans may not exceed the total cost of education for the loan term. SEE TABLE A

## FEDERAL DIRECT STUDENT LOAN PROGRAM: 150% DIRECT SUBSIDIZED LOAN LIMIT

In the May 16, 2013 Federal Register, The Department of Education published interim final rules that implement the 150

percent Direct Subsidized loan limit created by the Moving Ahead for Progress in the 21st Century Act (Map-21) enacted on July 6, 2012. The rules became effective on May 16, 2013. This resulted in changes that impact student eligibility for subsidized loans. Federal Direct Subsidized Loans were permanently limited to 150% of the length of a student's academic program. New student borrowers will be limited to receiving subsidized loans for 3 years in a 2-year program or 6 years in a 4-year program beginning July 1, 2013. Students reaching this limitation could receive unsubsidized loans if otherwise eligible including meeting satisfactory academic progress. Additionally, the borrower who reaches the 150% limitation will have their interest subsidy end for all outstanding subsidized loans. Repayment will not begin, but like unsubsidized loans, the student (rather than the government) would become responsible for interest accumulation at this point. Any and all periods of subsidized loan borrowing will count against the 150%

time limit.

To avoid loss of subsidy, students who are new loan borrowers on or after July 1, 2013, have increased incentive to remain within the timeframe limitations of satisfactory academic progress. An approval of an academic progress appeal will not change any eligibility determined on subsidized loans based on this 150% rule. These limitations are in addition to preexisting aggregate limits on loans.

## STATE GRANT PROGRAMS

Many states offer grants, based on financial need and full-time enrollment status, to their residents. Some of these grants may be used only at institutions within that state while others may be used at colleges outside the state. Students from states other than Pennsylvania should check with their state's higher education office to determine whether or not they qualify.

**TABLE A**

YEAR IN COLLEGE	BASE SUBSIDIZED/ UNSUBSIDIZED LOAN AMOUNT	ADDITIONAL UNSUBSIDIZED LOAN AMOUNT	Academic Year Limit
	Independent Student	Independent Student	
	Dependent Student	Dependent Student whose parents were denied a Direct PLUS Loan	
Freshman	\$3,500 + \$2,000	\$4,000	\$9,500
Sophomore	\$4,500 + \$2,000	\$4,000	\$10,500
Junior and Senior	\$5,500 + \$2,000	\$5,000	\$12,500
Teacher Certification	\$5,500 + \$2,000	\$5,000	\$12,500
Graduate		\$20,500	\$20,500
Doctoral (Psy.D.)		\$16,667	\$16,667

**Please Note:** The total number of credits earned at the time the loan is processed determines a student's "year in college".

Freshman = 0 - 29.9 credits earned

Sophomore = 30.0 - 59.9 credits earned

Junior = 60.0 - 89.9 credits earned

Senior = 90 + credits earned

## AGGREGATE STUDENT LOAN LIMITS

Undergraduate Education (dependent student)	\$ 31,000 (No more than \$23,000 of which can be subsidized)
Undergraduate Education (independent student)	\$ 57,500 (No more than \$23,000 of which can be subsidized)
Graduate Education	\$138,500 (No more than \$23,000 of which can be subsidized)
Doctoral (Psy.D.)	\$224,000 (No more than \$23,000 of which can be subsidized)

\*half-time = 6 credits per semester for undergraduate students/4.5 credits per semester for graduate students

## PENNSYLVANIA STATE GRANTS

The Pennsylvania Higher Education Assistance Agency (PHEAA) offers grants in varying amounts. Awards are determined by PHEAA on the basis of financial need and enrollment status. Application is made through FAFSA and is available for eight semesters for qualified students. State grant application deadline is May 1 of every year.

Pennsylvania State Grant Eligibility Requirements: Students must be a Pennsylvania State resident as defined by PHEAA; must complete a FAFSA by May 1st of the prior academic year; must be enrolled in a matriculated 1st bachelor's degree program; must be enrolled at least half-time; must attend at least 50% of the total semester coursework in classroom instruction (i.e.: enrolled for 12 credits, at least 6 credits must be in-class instruction). in order to be eligible for the full State Grant semester award amount. Students enrolled in more than 50% online eligible coursework per semester may be eligible for a reduced semester award amount of funding. All award

amounts are awarded as provisional until final enrollment verification by the Office of Financial Aid and PHEAA have been completed.

\*Note: All new students (not first-time full-time incoming freshmen) must provide official final academic transcripts from ALL previously attended institutions prior to receiving State Grant funds from Immaculata University; students must make State Grant academic progress each semester to be considered for future eligibility disbursements.

## OUTSIDE GIFT AID POLICY

Students should notify the Financial Aid Office if they are receiving any privately funded scholarships or grants, other than those previously listed, by submitting a photocopy of any scholarship notifications and information on the availability of these funds for subsequent years. The University will then be able to notify students of any impact on their financial assistance package.

## IMMACULATA INSTITUTIONAL EMPLOYMENT

The Immaculata Institutional Employment Program provides on-campus employment to students who do not qualify for federal college work-study. Students are paid on a monthly basis for the hours worked the previous month. Institutional employment earnings are not deducted from the student's charges; the student may however sign the check over to the University as payment toward the balance due. Do not include Immaculata Institutional Employment as a credit for payment of tuition, fees or room and board. Immaculata Institutional Employment opportunities are limited and approved by the Office of Financial Aid. All questions and additional information can be provided by the Office of Financial Aid.

## PRIVATE EDUCATIONAL LOAN PROGRAM

Students can apply for private educational loans as a supplement to traditional federal and state sources of financial aid. Immaculata University encourages all students and families to first apply for federal and state financial aid. Private educational loans are loans offered by banks or lending institutions to help students and families bridge the gap between the cost of education and the amount of other financial aid received. These private supplemental loans are NOT guaranteed by the federal government. Unlike federally guaranteed student loans, lending institutions that offer private educational loans may impose certain eligibility requirements and varying terms. In most cases, the student and/or co-signer must have a good credit history and a low debt-to-income ratio. Since a credit check is likely, not everyone is approved for a private educational loan.

## SPECIAL CIRCUMSTANCES

If after filing for financial aid, the student or the student's parents experience a reduction in income due to unemployment, divorce or separation, death, loss of untaxed income, or other circumstances, he or she must contact the Financial Aid Office. The student may be eligible to receive increased financial assistance due to a special condition and will need to find out what information is required in order to determine your eligibility.

## SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS

In order to qualify for financial aid programs, students must consistently meet mandated satisfactory academic progress requirements. These requirements are applied uniformly to all students when determining their eligibility for federal and/or Immaculata funds at the end of every academic semester for each student enrolled in an academic program at the University. The requirements are a combination of quantitative and qualitative standards. In order to meet minimum requirements, students must progress in both the quantitative and qualitative standards. The following is the policy at Immaculata in regards to financial aid eligibility for all Immaculata administered programs.

## MINIMUM STANDARDS FOR SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID APPLICANTS

Federal regulations require that an institution establish, publish, and apply reasonable standards for measuring whether a student, who is otherwise eligible for aid, is maintaining satisfactory academic progress in his or her course of study. The standards must be the same or stricter than the institution's standards for a student enrolled in the same academic program who is not receiving financial aid. Listed below is the complete statement of Minimum Standards for Satisfactory Academic Progress for financial aid recipients.

## CREDITS – QUANTITATIVE REQUIREMENTS

- **Full-time students** - enrolled for at least twelve (12) credits per semester, are required to successfully complete a minimum of 24 credits per academic year.
- **Three-quarter time students** - enrolled for at least nine (9) credits per semester, are required to successfully complete a minimum of 18 credits per academic year.
- **Half-time students** - enrolled for at least six (6) credits per semester, must successfully complete a minimum of 12 credits per academic year.

## GRADE POINT AVERAGE (G.P.A) – QUALITATIVE REQUIREMENTS

Undergraduate students must maintain a Cumulative Grade Point Average (GPA) of 2.0 calculated at the end of the academic semester, and/or complete seventy-five percent of attempted credits within each academic semester in order to be considered a student in good standing. Graduate students must maintain a Cumulative GPA of 3.0 calculated at the end of each semester to be considered a student in good standing.

## MEASUREMENT OF ACADEMIC PROGRESS REQUIREMENTS

Financial Aid requires that the student maintain satisfactory academic progress, which means that full-time and part-time students must earn at least 75% of credits attempted. Part-time students must be enrolled in at least six credits per semester to remain eligible for aid. Students whose enrollment status varies during the academic year must earn a proportionate amount of credits. PHEAA State Grant recipients must complete a minimum of 24 credits and 30 weeks of classroom instruction for every two semesters of state grant assistance received as a full-time student and a minimum of 12 credits and 30 weeks of classroom instruction for every two terms of grant assistance received as a half-time student. Enrollment status is determined at the end of the drop-add period of each semester.

Academic progress will be measured at the end of each semester. Students who were enrolled during the fall and/or spring semesters and failed to meet the qualitative and/or quantitative requirements for academic progress can attempt to complete additional credits and bring up their GPA during the summer sessions. However, only credits earned at Immaculata University will affect the GPA. Credits taken at another university will only affect total credits. Upon completion of the additional credits, a new determination of

academic progress will be made. Transfer students are evaluated for academic progress in May, after the first spring semester attended at Immaculata University. Students who transfer in for the fall semester are evaluated on their academic performance at the end of their first fall and spring semesters. Students that transfer in beginning with the spring semester are evaluated on their performance during their first spring semester. All financial aid applicants are subject to the Satisfactory Academic Standards regardless of whether or not they received financial assistance previously. Failures and withdrawals are courses attempted, but not completed. Incompletes are not counted toward credits completed until after the course work is successfully completed and posted by the Registrar. Repeat courses will not count toward credits completed for satisfactory academic progress since the credits were already counted toward the quantitative standards the first time the course was completed.

### Minimum C.G.P.A. Required\*

Semesters Completed	Minimum C.G.P.A.
1	1.60
2	1.70
3	1.85
4 or more	2.00

\*(C.G.P.A. – Cumulative Grade Point Average)

A student with a cumulative G.P.A. below the minimum levels indicated in the table will be placed on academic probation. Ordinarily a student may not be on academic probation for more than two consecutive semesters. A student may receive federal, state, and/or University financial aid during the probation period. A student on academic probation must show improvement during the following semester to continue receiving financial aid.

### Appealing the Satisfactory Academic Progress Policy

Any student identified as not meeting the published Satisfactory Academic Progress standards has the right to appeal the standard based upon special circumstances. Notification of procedures concerning the appeal process will occur in writing from the Office of Financial Aid to affected students. The Office of Financial Aid will verify the presence of special circumstances using communications with a representative of the Vice President of Academic Affairs Office. It is strongly recommended that students concerned with meeting minimum Satisfactory Academic Progress standards seek immediate consultation with the Executive Director of Academic Success and Advising.

### MAXIMUM SEMESTERS OF ELIGIBILITY

Students are expected to complete their program of study (degree) in the number of semesters indicated for their degree program. Transfer students and students changing programs are placed in an appropriate semester on the basis of credits transferred. Such students are expected to complete their degree according to the remaining semesters in their program plus one additional semester to allow for scheduling difficulties. The maximum time frame for completing Associate degree requirements is three years for full-time students and six years for part-time students. The maximum time frame for completing Baccalaureate degree requirements is six years (twelve full-time semesters) for full-time students and twelve years

for part-time students. Transfer credits earned at other institutions that are applicable to the student's program of study will be considered in determining the student's maximum time frame for program completion. Students must make quantitative and qualitative progress toward their educational goals each academic year to receive assistance. The academic year consists of two regular semesters and the summer sessions.

### REINSTATEMENT OF FINANCIAL AID

Financial aid eligibility may be reinstated when the student has re-established satisfactory academic standing and/or has demonstrated a significant improvement in progress toward the educational objective. It is the student's responsibility to notify the Financial Aid Office when cumulative G.P.A. requirements have been met and/or credit deficiencies have been corrected. Aid eligibility will then be re-evaluated and reinstatement will be dependent upon the availability of funds, regardless of demonstrated eligibility.

Credits taken during the summer at another institution must be approved by the Executive Director of Academic Success and Advising. These credits may be used in determining the student's academic progress for that particular year. Requests for re-evaluation of aid eligibility must be made to the Financial Aid Office after all transfer credits have been officially recorded on the student's transcript. It is the student's responsibility to request that official transcripts be forwarded to the Registrar for transfer credit evaluation.

### APPEALS

If due to extenuating circumstances, students fail to meet academic progress requirements, they may appeal the termination of their financial aid. Appeals must be made in writing to the Director of Financial Aid and must include an explanation of the student's situation along with a request for reinstatement of financial aid.

*Federal and state regulations require that colleges enforce standards of satisfactory academic progress. Students should understand that Immaculata standards of satisfactory academic progress must be met for financial assistance renewal. If aid eligibility is lost because of failure to meet University requirements for satisfactory academic progress or there are mitigating circumstances, requests for review may be made through the Office of Financial Aid. All requests and appeals must be in writing.*

### VERIFICATION POLICY

Some students are required by the federal government to document financial circumstances with the Immaculata University Financial Aid Office. This process, called verification, is required by the federal government to confirm the data submitted on the FAFSA or to confirm students' eligibility to receive financial aid. Students may be selected for verification either by the U.S. Department of Education or by the University's Financial Aid Office.

Only students selected for verification need to complete this step. If a student is selected for verification, funds will not be disbursed until the process is complete. Immaculata University will request information in writing from the student upon notification from the federal government. Failure to fully submit requested information

after three notifications will result in the cancellation of all federal, state, and University need-based funds. Any changes to aid eligibility as a result of the completion of the verification process will be communicated to the student in writing reflecting the changes/updates made to the FAFSA information, and changes/updates to the financial aid awards. If the student owes a repayment as a result of the changes, the financial aid award(s) will be adjusted and the student will be billed for any balance due the University as a result. In the case of overpayments, funds will be refunded to the Department of Education.

## WHAT TO DO

A student will be notified by Immaculata if he or she is selected for verification. The letter will contain a verification form and instructions on how to submit the appropriate documents. Students can also monitor outstanding requirements and their status via your SSIU online account. Students will also receive notification of selection by Department of Education on the FAFSA submission confirmation information email.

Students selected for verification should download and complete the current academic year Verification Worksheet. Some of the additional requirements may include:

- Copies of federal income tax transcripts and accompanying schedules from the IRS website at [www.irs.gov](http://www.irs.gov)
- Non-Filer Worksheet (student and or/parent) if did not file for previous tax year
- Parent(s), student, and spouse if married, W-2s from the previous tax year
- Documentation of independent student status
- Documentation of citizenship
- Selective Service registration — Males born after July 1960 must register with Selective Service to receive financial aid.
- Verification of Social Security number — Students who have changed their name should be sure to notify the Social Security Administration or aid cannot be disbursed.
- Veterans may need to verify their status in order to receive aid.
- Students who are convicted of a drug offense may be ineligible for financial aid. For details, contact the federal government at 1-800-433-3243.
- Low Income Verification Form  
A low income verification form may be requested to show expenses and income, when income listed on the FAFSA is unusually low.

**Tips:** Do not submit any information until Immaculata requests it. The verification letter will be mailed to the home address of new students; for a current student, the verification letter will be mailed to the local address on file in the SSIU online account

# Academic Life

Immaculata is a comprehensive institution with programs rooted in the liberal arts. The curriculum stresses the integration of knowledge rather than the fragmentation of learning which results from intense specialization within a narrow subject area. All students at Immaculata are guided through a liberal arts curriculum, which introduces them to the basic academic disciplines and provides solid grounding in the cultural foundations upon which the world civilizations, Christian culture, and democratic societies have been built.

The University, through its curriculum and co-curricular activities, aims to develop the whole person. The primary aim is to assist the student to develop into a liberally educated person. All students follow an academic program with a liberal arts core. Professional courses and those required for teacher certification are generally taken during the sophomore through senior years.

Many of Immaculata's graduates go on to graduate or professional schools, where they may follow specialized professionally-oriented programs in fields such as medicine, law, nursing, music, economics business administration, biology, dietetics, communication, history, languages, mathematics, computer science, information technology, social services, and education.

Immaculata offers each student a solid foundation in the humanities and the social and natural sciences. The program of liberal studies is the unifying element in the curriculum and stands as the firm basis for the various fields of specialization and seeks to help the student develop a broad vision of life and an awareness of the depth, meaning, and value of that vision.

## UNDERGRADUATE ACADEMIC LEARNING OUTCOMES

An Immaculata University graduate demonstrates:

- knowledge of human cultures and the physical and natural world for the present life and the life to come.
- command of creative and critical thinking skills and effective oral and written communication.
- a foundation for lifelong learning and professional excellence that supports the development of personal and social responsibility throughout life.
- ability to synthesize and evaluate theory and practice through a capstone or other culminating experience.

## ACADEMIC OFFERINGS

### DEGREES AND PROGRAMS (MAJORS)

Immaculata University is chartered by the Commonwealth of Pennsylvania to grant degrees. The University currently awards the following degrees: Psy.D., Ed.D., Ed.S., M.A., M.S., M.S.N., B.A., B.S., B.Mus., B.S.N., A.A., and A.S. The University reserves the right to set the requirements for these degrees.

### Bachelor of Arts

The B.A. degree programs (majors), offered in traditional format, include the following: biology; business administration with business, computers, and information technology; chemistry; communication; criminology; education; English; general science; history; liberal studies; music; music (performance); political science and international relations; psychology; sociology; social work; Spanish; and theology. Programs of concentration are also offered in the combined areas of biology-chemistry; biology-psychology; Spanish-psychology; and Spanish-social work.

### Bachelor of Science

The B.S. degree programs of concentration, offered in traditional format, include the following fields of study: accounting; allied health; biology; business management; chemistry; data analytics; exercise science; fashion merchandising; finance; human resource management; information systems; interactive digital media; marketing management; nutrition and dietetics; and pre-pharmacy.

Immaculata also serves adult learners who wish to earn an undergraduate degree through alternative delivery formats. The following B.S. majors are offered in accelerated degree formats: business leadership; business management; emergency planning and management; finance; health care management; human resource management; marketing management; and organizational behavior.

For students interested in completing online degree programs, the following B.S. majors are available fully online: business leadership; business management; cybersecurity; emergency planning and management; finance; health care management; marketing management; and organizational behavior.

### Bachelor of Music

For the B.Mus. degree, majors include music education (preparing students for teaching music from kindergarten through grade 12) and music therapy (preparing students for the board certified examination).

### Bachelor of Science in Nursing

For the B.S.N. degree, tracks include an upper-division program offered for registered nurses who enroll in an accelerated degree completion program (both in class and online, College of Adult Professional Studies) and a pre-licensure traditional BSN program (College of Undergraduate Studies).

### Associate's Degrees

For the A.A. degree, majors are offered in biology, communication, English, history-politics, and theology.

For the A.S. degree, majors are offered in accounting, biology, business administration, fashion merchandising, and information systems.

## DEGREE REQUIREMENTS

To qualify for a **baccalaureate degree**, a candidate must:

- fulfill the general curriculum requirements of the college;
- earn a minimum of 126 credit hours if a student in the College of Adult Professional Studies and 128 credit hours if a student in the College of Undergraduate Studies, with a minimum GPA of 2.00 (C). Students in the College of Undergraduate Studies are required to complete FYE 100 (or FYE 110: Honors Keystone Seminar), a 100-level Exercise Science course, and two contact hours in physical education;
- meet the departmental requirements appropriate for the concentration program chosen.

To qualify for an **associate degree**, a candidate must:

- fulfill the general curriculum requirements of the college
- earn a minimum of 63-65 credit hours with a minimum GPA of 2.00 (C). Students in the College of Undergraduate Studies are required to complete two contact hours in physical education
- normally complete 30 credits at Immaculata University
- meet the department/division requirements appropriate for the concentration program chosen.

Every student is responsible for knowing the requirements for the degree being sought and for arranging the program of study accordingly. Students are required to complete a credit check during the second semester of the junior year (69-89 credits) with the Registrar or their College of Adult Professional Studies advisor. Students are responsible for working out course schedules to ensure that requirements set forth in the credit check are met. Students can use Degree Works to track their program progress.

The maximum time frame for an undergraduate full-time student to complete degree requirements is six years; for a part-time student, it is twelve years.

## PUBLISHED LENGTH OF PROGRAM

Each academic program has a published program length, measured in years. The years are calculated based upon full-time study in the fall and spring semesters. Summer semesters do not count towards the published program lengths. Please log onto <http://www.immaculata.edu/published-program> to view a chart of program lengths for all Immaculata University programs eligible for federal financial aid. Please note that exceeding 150% of the published length of program may impact Title IV financial assistance. For additional information students should contact their financial aid counselor.

## BACCALAUREATE DEGREE

As stated in its philosophy and goals, undergraduate academic programs at Immaculata are based on the liberal arts tradition. The goals for the liberal arts core requirements at Immaculata are those listed as essential academic outcomes by the National Leadership Council for Liberal Education and America's Promise [LEAP], a study initiated by the Association of American Colleges and Universities. The LEAP National Leadership Council (2002) outlined the following as essential learning outcomes: Knowledge

of Human Cultures and the Physical and Natural World, Intellectual and Practical Skills, Personal and Social Responsibility, and Integrative Learning. Linked to these outcomes are the core values of Immaculata, which provide the foundation for academic life in the College of Undergraduate Studies and the College of Adult Professional Studies: Faith, Community, Knowledge, Virtue, and Service. While students in different majors and degree programs must complete varying core curriculum requirements, all students receive exposure to the four key learning outcomes and Immaculata core values listed above.

Outcomes proposed by the LEAP National Leadership Council have been further defined and adopted as outcomes for the Immaculata liberal arts core courses.

### Knowledge of Human Cultures and the Physical and Natural World:

Through study in the sciences and mathematics, social sciences, humanities, histories, languages, and the arts (LEAP). Through courses required by the liberal arts core, in addition to courses required by their majors, students will:

- develop the tools of critical thinking and inquiry
- demonstrate an understanding of the scientific method
- exhibit competence in everyday applications of mathematics
- articulate an understanding of the Catholic intellectual tradition
- appreciate the humanities as a way to enrich personal understanding
- demonstrate the ability to communicate in a second language

**Intellectual and Practical Skills, including:** Inquiry and analysis, critical and creative thinking, written and oral communication, quantitative literacy, information literacy, teamwork and problem-solving (LEAP). Through courses required by the liberal arts core, in addition to courses required by their majors, students will:

- acquire knowledge through hypothesizing, analyzing and synthesizing appropriate data, and evaluating outcomes and conclusions
- incorporate thesis, evidence and organization into research assignments
- recognize multiple approaches to problem-solving through collaborative teamwork
- use internet-based applications and information critically
- understand laws, regulations, and institutional policies affecting use of information

**Personal and Social Responsibility, including:** Civic knowledge and engagement – local and global, intercultural knowledge and competence, ethical reasoning and action, foundations and skills for lifelong learning (LEAP). Through courses required by the liberal arts core, in addition to courses required by their majors, students will:

- evaluate how personal/communal actions impact the global world
- recognize diverse cultures, life experiences and worldviews
- develop awareness of personal and social responsibilities
- articulate the Catholic Church's position on social responsibility and justice
- value a code of personal and professional ethical behavior

**Integrative Learning, including:** Synthesis and advanced accomplishment across general and specialized studies (LEAP). Through courses required by the liberal arts core, but even more specifically in capstone experiences required by academic programs, students will:

- show initiative in field work and in class settings
- employ curriculum in real world scenarios through research, service learning courses, internships, practica, and clinical assignments
- reflect on outcomes in terms of personal growth and performance assessment

Students complete either the **Liberal Arts Core: Arts and Sciences** or the **Liberal Arts Core: Professional Studies**.

## LIBERAL ARTS CORE REQUIREMENTS COLLEGE OF UNDERGRADUATE STUDIES AND COLLEGE OF ADULT PROFESSIONAL STUDIES (CONTINUING EDUCATION PROGRAMS)

To fulfill Immaculata's objective as a Catholic university with its program of study based on the liberal arts and its core values, students studying for the baccalaureate degree must complete one of the following liberal arts core programs, depending upon the student's college, program, and major.

**Liberal Arts Core: Arts and Sciences:** Departments following the Arts and Sciences Core include the following: Arts, Languages and Letters, Civic Engagement, Music (except music education and music therapy), Psychology and Counseling (except biology-psychology), and Theology and Philosophy.

**NOTE:** Students pursuing secondary certification in any of the above majors follow the Professional Studies Core.

Theology	6 credits
Philosophy	6 credits
Ethics	0-3 credits*
Composition I and II	6 credits
Foreign Languages	6 credits (or demonstrated competency)
Exercise Science	2 credits
FYE	1 credit
Physical Education	2 contact hours (0 credits)
Natural Sciences (Lab)	3 credits
Mathematics	3 credits
Social Sciences	6 credits
History	6 credits
Humanities Elective	6 credits (3 credits from among music, art, or literature)
Writing Intensive	3 credits in major**
<b>Total</b>	<b>51-54 credits**</b>

**Liberal Arts Core: Professional Studies:** Departments following the Professional Studies Core include the following: Business, Cybersecurity (CUS students only), Fashion and Leadership, Education (including all students pursuing secondary certification), Health, Music (music education and music therapy only), Nutrition and Exercise Sciences, Nursing (generic BSN program only), and Natural and Computational Sciences. Students completing concentrations in music education and music therapy also follow the Professional Studies Core.

Theology	6 credits
Philosophy	6 credits
Ethics	0-3 credits*
Composition I and II	6 credits
Foreign Languages	6 credits (or demonstrated competency)
Exercise Science	2 credits
FYE	1 credit
Physical Education	2 contact hours (0 credits)
Natural Sciences (Lab)	3 credits
Mathematics	3 credits
Social Sciences	3 credits
History	3 credits
Humanities Elective	3 credits
Writing Intensive	3 credits in major**
<b>Total</b>	<b>42-45 credits**</b>

- **\*Ethics Requirement:** \*Students must complete an ethics requirement, which may be satisfied by the requirements for the major, from courses offered by the theology or philosophy departments or from a demonstrated departmental component. Credits used to satisfy the ethics requirement do not satisfy required credits in theology or philosophy.
- **\*\*Writing Intensive Requirement:** Students in the College of Undergraduate Studies must complete one, three- credit Writing Intensive course in the major before beginning the senior year. WI credits are not added into total core credits represented above.
- **Physical Education Requirement:** Students in the College of Undergraduate Studies must complete a 100-level exercise science course (2 credits) and two contact hours of physical education (0 credits).
- **First Year Experience Requirement:** Students in the College of Undergraduate Studies must complete either FYE 100 (1 credit) or FYE 110: Honors Keystone Seminar (3 credits).
- **Humanities electives** may be chosen from the following: art, communication, English, global languages, history, music, philosophy, and theology.
- **Natural Sciences electives** may be chosen from the following: biology, chemistry, physics, and environmental science.
- **Social Science electives** may be chosen from the following: economics, geography, politics, psychology, and sociology.
- **NOTE:** College of Adult Professional Studies students may use a Cross Cultural Studies course to fulfill 3 credits in Foreign Language.

## LIBERAL ARTS CORE: COHORT-BASED ACCELERATED (ACCEL®) PROGRAMS (BS) DEGREES

For the B.S. in Business Leadership, Cybersecurity (CAPS students only), Health Care Management, Emergency Planning and Management, and Organizational Behavior degree completion programs:

Theology	6 credits
Philosophy	6 credits
English	9 credits (6 credits in Composition; 3 credits in Literature)
Foreign Languages or Cultures	3 credits
World Civilization	3 credits
Designated Humanities	6 credits
Natural Sciences (Lab)	3 credits (Biology, Environmental Science,
Mathematics	3 credits
Social Sciences	9 credits (Economics, Geography, Politics, Psychology, Sociology,
<b>Total</b>	<b>48 credits</b>

**RN to BSN in Nursing:** Students studying for the RN to BSN Degree in Nursing must complete the following core requirements:

Theology	6 credits
Philosophy	6 credits
English	9 credits
Foreign Languages or Cultures	3 credits
World Civilization	3 credits
Social Sciences	6 credits (Economics, Geography, Politics, Psychology, Sociology, Integrative Course)
Natural Sciences 9 credits (6 lab credits)	6-8 credits (Biology, Environmental Science, Chemistry, Physics)
<b>Total</b>	<b>42 credits</b>

## LIBERAL ARTS CORE REQUIREMENTS: ASSOCIATE DEGREES

**Associate of Arts:** Students studying for the Associate of Arts (AA) degree in the College of Undergraduate Studies and the College of Adult Professional Studies (Continuing Education Programs) must complete the following liberal arts core program:

Theology	6 credits
Philosophy	3 credits
English Composition	6 credits
Humanities Elective*	6 credits
Social Sciences**	6 credits
Natural Sciences Lab)***	6 credits
<b>Total</b>	<b>33 credits</b>

**Associate of Science:** To fulfill Immaculata's objective as a Catholic liberal arts institution, students studying for the Associate

of Science (AS) degree in the College of Undergraduate Studies and the College of Adult Professional Studies must complete the following liberal arts core programs:

Theology	6 credits
Philosophy	3 credits
English Composition	6 credits
Humanities Elective*	3 credits
Social Sciences**	3 credits
Natural Sciences Lab)***	6 credits
<b>Total</b>	<b>27 credits</b>

- **\*Humanities** include art, communication, English, foreign language, history, music, theology, and philosophy. ESL 215 and 220 may be used by foreign students as credits in foreign language.
- **\*\* Social Sciences** include economics, geography, politics, psychology, and sociology.
- **\*\*\*Natural Sciences** include biology, chemistry, environmental science, computer science, mathematics, and physics. Nutrition may fulfill the natural science requirement in the Associate of Science degree.
- In addition to the credits listed above, two contact hours in physical education are required for students in the College of Undergraduate Studies.

## MAJOR PROGRAMS

A major is a focused program of study, or concentration, designated by a prescribed set of courses in an academic discipline.

When combined with general education courses and fulfillment of minimum credits required for a baccalaureate degree at Immaculata, the successful completion of the requirements within the major leads to a degree in that area of study. All College of Undergraduate Studies students must declare a major by the end of the second semester of their freshman year.

The University reserves the right, at its discretion, to revise major offerings over time.

## MINOR PROGRAMS

In addition to completing requirements for a major, baccalaureate students have the option of completing minor concentration(s) outside the major field. A minor is a focused program of study consisting of 18-24 credits designated by the department/division(s) offering the program. Some minor programs require completion of pre-requisites prior to enrollment. Course requirements for minors are outlined in the catalog pages of the appropriate departments. The University is not obligated to provide courses necessary for the completion of minors.

A student desiring to pursue a minor should discuss these plans with the appropriate academic advisor and obtain permission of the advisor and of the department/division's designated advisor for the minor. A CUS student declares the intention to minor in the Office of the Executive Director of Academic Success and Advising. A CAPS student declares this intention with the appropriate academic advisor in the College of Adult Professional Studies. Normally, a minimum of 9 credits must be earned at Immaculata University.

## **CERTIFICATE PROGRAMS**

A student may opt to pursue a certificate program in a specific area. Certificate programs are available in graphic arts, Irish studies, management, Middle Eastern Studies, professional communication, and studio arts. The University is not obligated to provide courses necessary for completion of certificate programs.

## **DUAL MAJORS AND DUAL DEGREES SECOND MAJOR**

To qualify for a second major within the same baccalaureate degree, a student must:

- fulfill the liberal arts core courses required for the second major;
- fulfill the department/division requirements appropriate for the second major field of concentration.

A second major within the same baccalaureate degree is identified on the transcript.

## **SECOND BACCALAUREATE DEGREE**

To qualify for a second baccalaureate degree, a student must:

- fulfill the liberal arts core curriculum requirements for the second baccalaureate degree;
- fulfill the department/division requirements appropriate for the major field of concentration.

A second baccalaureate major is identified on a student's transcript. A second diploma is issued only if the actual degree is different (e.g., B.A. vs. B.S.). In order to earn a second baccalaureate degree, a student must earn 126-128 credits for the first degree and an additional 32 credits in the major for the second degree.

## **SEQUENTIAL DEGREE**

Candidates for a second bachelor's degree with a different award date than the first must meet all requirements for the second degree. Students may apply for a sequential second degree with a degree and/or major that is different from their first degree or major. For sequential degrees, students must complete at least 50 percent of all course work required in the major of the second degree *after* conferral of the first degree.

## **INTERNSHIP / FIELD EXPERIENCE**

The Internship Program at Immaculata has as its fundamental purpose the integration of learning with life. Students have the

opportunity to apply what they have learned, to explore new places, to experience new people, and to broaden their perspective and personal goals. Through affiliation with an agency or a company, students encounter professional role models and observe the practical aspects of their career interests. Such experiences enable students to make more informed career choices at the completion of their college education.

Internships are arranged on an individual basis through the direction of the department/division chair, the faculty coordinator, or the Office of Career and Professional Development. Some programs carry academic credit, while others are extracurricular academic experiences. For credit-bearing internships, students need departmental approval. Costs associated with such experiences are the student's responsibility.

## **STUDY ABROAD**

Students are encouraged to study abroad both to enrich their personal goals and to expand their academic goals. Immaculata University co-sponsors study abroad programs at universities throughout the world through its affiliation agreements with various study abroad programs. These affiliations have been chosen to meet the needs of students who wish to continue the study of a language or culture in another country or to complete major academic requirements at another university. Students who achieve satisfactory grades receive credit for their programs of study, presuming that their courses have been planned beforehand with their academic advisor, as well as with the coordinator of the study abroad program. Application for permission should ordinarily be filed after at least the completion of 30 credits at Immaculata in the office of the Coordinator of Study Abroad. In many academic programs at IU, the study abroad program must be completed within the second year of study, which necessitates careful planning beforehand. Educational institutions and courses must be approved by the student's academic advisor and the coordinator of the study abroad program.

For transfer of credits earned in study abroad programs, a grade of C or better is required in each course. All grades will be transcribed as earned. Students must provide official transcripts from study abroad programs.

Specific information about the IU Study Abroad program may be found on the IU website.

# Academic Policies and Procedures

**Note:** Members of the Immaculata University community, including all students, must be aware of, and must abide by, the University policies published in the **Immaculata University Policy Manual (IUPM)**. The IUPM is located on the University portal (MyIU).

## ACADEMIC INTEGRITY POLICY

Immaculata University, through its faculty, staff and students, strives to create an environment of trust, mutual respect, and integrity that fosters scholarly pursuits in an academically challenging and supportive setting. To further the pursuit of truth and the exercise of honest, intelligent inquiry, the University maintains an academic integrity code that promotes the assumption of personal responsibility and integrity and prohibits all forms of academic dishonesty. The most common form of academic dishonesty is plagiarism. Other forms of academic dishonesty are also described in the sections below.

## PLAGIARISM

Plagiarism is failing to acknowledge adequately the source of words or ideas that are not one's own.

Plagiarism includes, but is not limited to:

1. The quotation or other use of another person's words, ideas, logic, opinions, thoughts, or theories without use of quotation marks and acknowledgment of the source;
2. The paraphrasing of another person's words, ideas, logic, opinions, thoughts, or theories without acknowledgment of the source;
3. The quotation or other use of facts, statistics, or other data or materials that are not clearly common knowledge without acknowledgment of the source;
4. Copying or purchasing all or any portion of another's academic, research, or creative work - even with the creator's knowledge and permission - and submitting it, in part or in its entirety, as one's own. This includes material available through the Internet or other electronic sources and any material that has copyright protection. Students are hereby advised that, when such material has been copyrighted, its unauthorized use constitutes not only a breach of academic integrity but also a violation of law that could lead to civil or criminal penalties.

The University considers plagiarism by a student to be a serious violation of professional and academic ethics and standards; ignorance of the rules governing plagiarism is not an excuse. When in doubt, students should seek clarification from the instructor who issued the assignment.

A finding of plagiarism may result in the imposition of a serious academic penalty such as, but not limited to, suspension, receipt of a failing grade, non-continuation or expulsion.

## OTHER FORMS OF ACADEMIC DISHONESTY

- **Cheating:** Cheating is defined as using, or attempting to use, in any academic exercise materials, information, study aids, or electronic data that the student knows or should know is unauthorized. Cheating also encompasses the provision or acceptance of any unauthorized assistance during an examination or assignment to be completed individually, including but not limited to talking to another student, viewing or copying another student's examination or assignment, making or receiving gestures from another student, or engaging another person to complete an assessment or examination in place of the student.
- **Collusion:** Collusion involves the cooperation of students with faculty or staff personnel in securing confidential information/material (tests, examinations, etc.); bribery by students to change examination grades and/or grade point averages; cooperative efforts by students and student assistants to gain access to examinations or answers to examinations for distribution; assisting in or contributing to the academic dishonesty of another individual; and seeking, obtaining, possessing, or giving to another person an examination or portions of an examination (not yet given), without permission of the instructor.
- **Recycling:** Recycling is defined as submission of a student's work that has previously counted for credit in another course. Recycling is not allowed unless explicitly authorized by the faculty members of both study units; in such a case, students must reference their previous work.
- **Sabotage:** Sabotage is defined as the destruction or deliberate inhibition of progress of another's work, including but not limited to the destruction or hiding of shared resources such as library materials, computer software and hardware and tampering with another person's laboratory experiments.
- **Falsification of Data, Information or Records:** Furnishing or conspiring to furnish false information to the University by forgery, alteration or misuse of, among other things, University documents, academic records, research data or professional or academic credentials is strictly prohibited.

## REVIEW PROCEDURE FOR ACADEMIC INTEGRITY CODE OFFENSES

The following procedure should be used to resolve alleged violations of the Academic Integrity Code by undergraduate students at Immaculata University:

1. Whenever an alleged infraction of academic integrity occurs, the faculty member shall first contact the dean of the College in which the course is being taught to learn of any prior student violations and to discuss the appropriateness of this informal procedure with respect to the nature of the offense;
  - a. If the student has no record of prior offenses and the case appears to be one that will require a sanction less severe than suspension or expulsion, it may be resolved between the faculty member consistent with the course syllabus.
  - b. If a student has prior academic integrity code offenses, or the case appears to involve a first-time offense that will likely result in suspension or expulsion, the faculty member should seek

the guidance of the department/division chair and dean of the College in resolving the matter.

- c. If the offense is one that will require a sanction such as failure of a course, suspension, or removal from the program, the student will meet with the dean and other departmental/division representatives as appropriate.
2. The faculty member shall meet with the student to discuss the incident and present any relevant information or evidence;
3. The student shall have an opportunity to respond to the allegations;
4. If the faculty member/dean believes that an Academic Integrity Code violation has occurred, the faculty member should document the violation in writing, including the proposed sanction or resolution, and present this information to the student and the Dean;
5. Typical sanctions or resolutions may include a reduced grade on the assignment, a reduced grade in the course, additional assignments, or failure in the course. Suspension and expulsion may occur if warranted by the gravity of the offense.

## ACADEMIC STANDING AND PROGRESS

The baccalaureate degree program at Immaculata University requires a minimum of 126-128 credit hours. Normal progress toward achieving a degree in four years for a student in the College of Undergraduate Studies requires eight semesters of 12 to 18 credits, depending on the curriculum sequence of each major.

Full-time students taking more than 18 credits per semester will be charged the current per credit rate for each additional credit. Music lessons will be billed separately.

To be classified as full-time, an undergraduate student must carry a minimum of 12 credit hours each semester. A student carrying 11 or fewer credit hours is considered part-time. Part-time status may impact billing, financial aid and eligibility for residence. Normally, a CUS student may only have one part-time semester.

As listed below, a student's academic status is determined by the number of credit hours earned:

Credit Hours	Completed Class
0-23	Freshman
24-53	Sophomore
54-89	Junior
90 or more	Senior

A student's academic progress is evaluated at the end of each semester. Additionally, undergraduate students are required to complete a credit check during the second semester of the junior year with the Registrar or their College of Adult Professional Studies advisor. Students are responsible for designing their course schedules to ensure that requirements set forth in the credit check are met.

## ACADEMIC PROBATION

Since a cumulative grade point average of 2.00 is the minimum requirement for graduation, a student whose

cumulative GPA falls below 2.00 at the end of any semester will be cautioned that this level of performance is insufficient to satisfy the requirement for graduation. A student with a cumulative GPA below the minimum levels indicated in the table below will be placed on academic probation.

Semesters Completed	Minimum GPA
1	1.60
2	1.70
3	1.85
4 or more	2.00

Ordinarily, a student in the College of Undergraduate Studies may not be on academic probation for more than two consecutive semesters; in the College of Adult Professional Studies, a student may not be on probation beyond the equivalent of 24 credit hours. A student may receive federal, state, and/or university financial aid during the probation period. A student on academic probation must show improvement during the following semester to remain at the University. In some cases, a student may be dismissed without any previous probation if the student's academic standing is so poor that probation would not be in the student's best interest.

In addition, Financial Aid requires that the student maintain satisfactory academic progress, which means that a full-time student must earn at least 75% of credits attempted. Part-time students must be enrolled in at least six credits per semester to remain eligible for aid. For further explanation, see Financial Aid.

## ACADEMIC DISMISSAL AND READMISSION

A student who has been academically dismissed from the University must meet standards for re-admission set by the dean of the appropriate college. Transcripts documenting acceptable work completed at another college or university after the student's dismissal from Immaculata must be presented in the office of the appropriate dean prior to application for re-admission. If all standards for re-admission have been met, then the student must follow the normal admission process for the appropriate college as a transfer student.

## CHANGE OF STATUS

Students in the College of Undergraduate Studies who wish to transfer to the College of Adult Professional Studies, must first formally withdraw from the College of Undergraduate Studies. The withdrawal process can be completed in the office of the Dean of the College of Undergraduate Studies. Students who wish to transfer from the College of Adult Professional Studies to the College of Undergraduate Studies must withdraw from the College of Adult Professional Studies and apply to the College of Undergraduate Studies.

## CREDIT FOR PRIOR LEARNING

Students who are seeking credit on the basis of professional experience, technical training, examination scores or courses from institutions without regional accreditation may be eligible

for credit for prior learning. Both transfer students and traditionally matriculated students may apply for credit for prior learning (CPL).

CPL credits are carefully reviewed and, pending approval, may be accepted in four categories. These are:

1. Tested Credit for Prior Learning: including CLEP, Advanced Placement, International Baccalaureate, DANTES, and Credit by Examination. A transcripting fee will be charged.
2. Technical and Professional Training Reviewed by Academic Bodies: ACE (American Council on Education) and NCCRS (National College Credit Recommendation Service) credit recommendations are accepted as credit for prior learning. A transcripting fee will be charged.
3. Technical and Professional Training Needing Faculty Review: Technical and professional training programs which have not been reviewed by ACE or PONSJ require faculty review. Students must complete the Technical and Professional Training Worksheet and provide all required documentation. A fee will be charged.
4. Life Learning Paper: Students wishing to document a learning experience which they believe provides equivalent knowledge to that in a college course may write a life learning paper for faculty review. Discussion with a faculty advisor needs to occur as the first step in this process. A fee will be charged.

The number of CPL credits which can be accepted from the various categories is limited. The total number of CPL credits transferable toward a baccalaureate degree may not exceed 63 credit hours. Students are advised to discuss CPL credit options with a faculty advisor or the College of Adult Professional Studies prior to initiating the process.

### **COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)**

Immaculata participates in the College Level Examination Program (CLEP). Matriculated students may gain credit for certain Immaculata courses through acceptable performance in either the General Examinations or the Subject Examinations.

The University will grant a maximum of 24 credit hours in the General Examinations and from three to six credits in the various Subject Examinations, provided that the required score has been achieved and that Subject Examinations have been approved for acceptance by Immaculata. Credits for examinations successfully completed will be transcripted upon receipt of official CLEP scores. A grade of P is given; credits earned through CLEP transfer are not computed in the GPA. Ordinarily, a student may not retake a CLEP within three months of an unsuccessful attempt or a failed course in a corresponding subject. For information concerning examination areas acceptable for credit, students should inquire at the College of Adult Professional Studies. A fee will be charged for the CLEP examination as well as for the transcription of CLEP credits.

### **CREDIT BY EXAMINATION**

Matriculated students who have acquired substantial knowledge in certain subject areas may request verification of that knowledge by examination and subsequently receive credit. Credit by examination may be earned in those courses specifically designated by individual departments/divisions. Each individual department/division will create its respective examination.

Application to receive credit for an Immaculata course may be made with the Registrar during the fall, spring, and summer registration periods. Exams will be administered and evaluated by Immaculata full-time faculty before or during the first three weeks of the fall, spring, or summer semesters. No course in which the student has previously been registered for credit or audit may be challenged under this program.

Ordinarily a student may attempt only one challenge examination per semester and may not challenge any more than a total of 50% of the curriculum in any given field. A student may not re-challenge a failed challenge examination. Full instructions for registering for a challenge exam may be obtained from the Registrar's office or from the College of Adult Professional Studies. A fee will be charged for challenge exams.

### **CLASSROOM EXPECTATIONS ADMISSION TO CLASS**

Instructors are required to admit to class only those students with appropriate documentation of enrollment as verified by the Registrar.

### **CLASS ATTENDANCE**

Each student is expected to exercise reasonable judgment regarding class attendance and is accountable for all work missed because of absence. Students are expected to notify instructors about absences. In CUS, contact the Executive Director of Academic Success and Advising when extenuating circumstances necessitate absence. In extreme cases in which absence of a student in semester-long courses total the equivalent of two weeks, the student must contact the Executive Director of Academic Success and Advising in the College of Undergraduate Studies or the appropriate Program Director in the College of Adult Professional Studies. Instructors are notified and explanations of such absences are filed in the office of the appropriate college. Instructors are under no obligation to make special arrangements for students who are absent.

### **Classroom Conduct**

Consistent with the University's core values and as members of a community of scholars, Immaculata University expects students and faculty to treat one another with civility, mutual respect, and common courtesy, accept personal accountability, and willingly contribute to the effective functioning of the University.

To this end, students are asked to comply with instructor requests to silence cell phones and refrain from other distracting behaviors in the classroom.

No person (administrator, staff, faculty, student, or visitor) shall be permitted to make an announcement during scheduled class time without the express consent of the instructor.

Should a student become disruptive during class, the student shall be asked politely, but firmly, to leave the classroom by the instructor. If the student refuses to leave the classroom, the Department of Campus Safety and Protection and the Vice President for Academic Affairs & Provost shall be notified.

## **COURSE SYLLABI**

A copy of the syllabi (current and past), which shows the day and hour the class meets and the instructor's name, as well as a calendar of topics shall be available to students and the appropriate college offices at the beginning of each term.

The offices of the appropriate college deans shall maintain permanent files of all course syllabi and class schedules. These files shall be available for inspection and comparison with the courses described in the catalogs of other institutions.

It is the student's responsibility to read, comprehend and act on the syllabus' objectives, content and requirements. Should there be any question or need for reasonable interpretation or clarification of the syllabus, the student must contact the instructor.

All faculty shall follow the syllabi and outline for each course as closely as possible; students should recognize that adaptations/adjustments in syllabi may occur at the discretion of the instructor in order to create the most effective learning and teaching environment possible.

## **COMMENCEMENT**

Students must complete all academic requirements and clear all financial obligations with the University to be eligible to participate in the commencement activities and receive their diploma and academic transcript. No more than three semesters before intended graduation date, students are directed to indicate intent to graduate through S.S.I.U., completing the "Apply to Graduate" form in the Student Records section. Students in the College of Undergraduate Studies may seek guidance on this process from their advisors or the Registrar; students in the College of Adult Professional Studies should contact the College of Adult Professional Studies office should they need assistance with this process.

## **DECLARATION/VERIFICATION OF MAJOR**

A student in the College of Undergraduate Studies should declare a field of concentration major in the second semester of freshman year and no later than the end of the first semester of the sophomore year. Each department will verify the eligibility of students to continue in the major at this time with the Executive

Director of Academic Success and Advising.

A student in the College of Adult Professional Studies declares a major at the time of admission. To change a major program of studies, the CAPS student must complete the Change of Field of Concentration form available from the College of Adult Professional Studies office. The CUS student requests the change of major form from the Office of Academic Advisement.

## **INDEPENDENT STUDY**

Students interested in an independent study must consult with their division chair and the assistant vice president of academic affairs for approval. Generally, independent studies are not given in regularly scheduled courses.

## **LEAVE OF ABSENCE / STOP OUT**

A student in good standing may interrupt a college program by requesting a leave of absence of one or two semesters in duration from the dean of the appropriate college. This arrangement allows the student to return to the college within one year without having to go through readmission procedures.

Students should be aware that there must be a reasonable expectation that students will return from a leave of absence. Leaves of absence will not be approved for students subject to disqualification or dismissal due to academic deficiencies or disciplinary action. The dean of the appropriate college will determine any conditions that must be met for the student's return to the University, and will notify the Office of the Registrar of the leave. The Registrar will then take the following actions:

1. Student will be issued grades of W for each course in the current semester (if applicable).
2. Student will be dropped from all future courses.

Undergraduate students who are placed on a leave of absence from the University are not permitted to take courses at another college unless they have obtained permission from the dean. Additionally, students on leave may not live in the University residence halls during the term of their leave, nor may they participate in and/or hold leadership positions in a registered University organization or athletic team. A student granted a leave of absence is not considered to have withdrawn, and if the student is a Title IV recipient, no return calculation will be required. Upon the student's return from the leave, the student will continue to earn the federal student aid previously awarded for the period.

Once the student is ready to return from leave, the student must meet with the dean of the college, who will assess whether the conditions for return have been satisfied. If a student does not return at the end of the leave, the student's withdrawal date will be the first date of the leave. If the student is a federal loan recipient and fails to return within two semesters, Immaculata University is required to return the funds to the appropriate lenders at that time and will also cause the expiration of the student's loan grace period. If a

student withdraws from the University or fails to return from a leave of absence status within two academic semesters and then reapplies, the tuition and financial aid will be assessed based on the current transfer tuition and financial aid rates.

The tuition and financial aid for students in the College of Undergraduate Studies who have remained in part-time status studying at Immaculata for more than two semesters (fall/spring) and who seek to return to full-time status, will be assessed based on the current transfer tuition and financial aid rates. Exemptions for special circumstances will be reviewed by the Vice President for Finance and Administration.

### **OFF-CAMPUS/SUMMER STUDY**

Once matriculated, students must seek approval to take courses at other institutions. Ordinarily, students may not earn more than twelve credit hours in the time span of a summer, nor may they take courses in their field of concentration without permission from the department/division chair. Students in the College of Undergraduate Studies may take courses in the summer at approved colleges only with prior approval from the Office of Academic Advisement. Necessary forms for off-campus summer session enrollment may be obtained from the Academic Advisement Office. For transfer of credits earned at colleges other than Immaculata University, a grade of C or better is required. Students in CUS must have approval of the dean should extenuating circumstances necessitate taking classes off-campus during the fall and spring semesters.

Students in the College of Undergraduate Studies who plan to study at Immaculata University during the summer should seek advisement prior to registration.

Students in the College of Undergraduate Studies have the opportunity to cross-register for courses at any of the eight colleges in the Southeastern Pennsylvania Consortium for Higher Education (SEPCHE) institutions. Details are available in the Office of the Registrar. All courses taken at another institution must be preapproved by the department.

In exceptional circumstances, a matriculated College of Adult Professional Studies student may receive permission to enroll in a course at an accredited institution. Permission must be granted by the dean of the college prior to enrollment. Courses that have been approved to be taken at another institution will be transcribed and included in the cumulative GPA. However, the transfer course will not count towards 60 Institutional Hours required for honors at graduation.

### **STUDENTS WITH DISABILITIES**

In compliance with the Americans with Disabilities Act of 1990 (ADA) as well as Section 504 of the Rehabilitation Act of 1973, Immaculata University is committed to providing reasonable academic accommodations to students diagnosed with a disability who are seeking accommodations. According to ADA and Section 504, the determination of a disability is made only when an individual's impairment substantially limits his/her ability to perform one or more of the person's

major life activities. Also, an institution is required to provide accommodations only to individuals who have a record of such impairment. In order for students with disabilities to receive services, they must submit the appropriate documentation for their disability and for their need for accommodations. Evaluations and reports must be completed by licensed, certified professionals. For full details regarding appropriate documentation procedures, please see the following website:

<https://www.immaculata.edu/academics/advising-support/disability-services/>

### **THEOLOGY REQUIREMENT**

Consonant with the mission of Immaculata, theology courses are designed to enrich and develop the whole person of any faith. Courses emphasize the value of religious experience in history, human thought, and social responsibility. A student who believes that the content of the theology requirement raises an issue of conscience may seek an exemption from the dean of the appropriate college.

### **UNIVERSITY GRIEVANCE POLICY**

While it is hoped that most grievances will be resolved quickly through informal discussions with administrative officers, the University's grievance policy (see Volume II, Section 2.8 of the Immaculata University Policy Manual) is available should informal discussions not succeed.

### **WITHDRAWAL FROM THE UNIVERSITY**

Students initiating a withdrawal from the College of Undergraduate Studies must schedule an exit interview with the dean to obtain a withdrawal form. No withdrawal will be considered official until this action has been taken. A student receiving financial aid should notify the Financial Aid Office at the time of withdrawal.

Immaculata reserves the right at any time to require the withdrawal of students for unsatisfactory academic performance. If students are withdrawing from the University prior to the end of the semester, they must follow the procedure outlined for withdrawal from classes in order to avoid receiving failing grades for their courses.

A student requesting readmission to Immaculata University after withdrawing or having been dismissed due to academic failure must address the request to the dean of the college to which readmission is sought. The dean will consider the grades a student has earned from an institution of higher learning attended since the withdrawal or dismissal and will decide on an individual basis whether the student may be readmitted.

### **WITHDRAWAL FROM THE COLLEGE OF ADULT PROFESSIONAL STUDIES**

Due to the nature of the academic programs in the College of Adult Professional Studies, students may not attend classes every semester. However, students will become inactive after one (1) year of absence from the University.

# Academic Service Centers

## ACADEMIC ADVISING

In CUS, the Office of Academic Success and Advising offers advising assistance and academic information for students, including class attendance issues, academic performance, dropping/adding courses, withdrawals from class, off-campus and summer school study, declaration of majors and minors, and cross-registration at SEPCHE (Southeastern Pennsylvania Consortium for Higher Education) schools. While the office provides academic advisement to students who are undecided about a major, departmental faculty members provide proactive advisement for students who have chosen a major.

The Academic Success and Advising Center serves CUS students with a variety of academic and organizational needs by offering academic success coaching, academic accommodations and peer tutoring. Students are able to meet individually with learning strategies specialists to work on improving time management, study skills, note-taking strategies, test-taking strategies, organization, and long-term planning.

In CAPS, academic advising supports students studying in all course delivery formats (self-paced, accelerated, online) with important academic processes, such as: initial transcript reviews, course selection and registration, drop/add or course withdrawal, declaration of majors and minors, and other issues of academic performance and progress. Academic advisors are available for phone, email, or in person appointments during weekdays and evenings.

## CAREER AND PROFESSIONAL DEVELOPMENT OFFICE

The Office of Career and Professional Development encourages and supports all students and alumni as they proactively engage in the career development process and chart their path toward life-long career achievement. The office provides vocational guidance, education, and personal support.

## DISABILITY SERVICES OFFICE

Immaculata University is committed to providing reasonable academic accommodations to students eligible under the Americans with Disabilities Act. Accommodations are tailored to the differing needs of each student. Common academic accommodations include:

- Extended time for testing
- Electronic copies of lecture notes, use of a SmartPen and/or ability to utilize a student note taker
- The option to take exams in a distraction-reduced testing environment.
- Textbooks in an alternative format

- Other college-appropriate accommodations as listed in the recommendation section of the student's psycho-educational evaluation

It is highly recommended that all first year students receiving academic accommodations meet regularly with an Academic Coach. We recommend students meet every other week to discuss their academic progress, classroom environment and study habits. Individualized academic coaching is available to all students who feel they may benefit from this service.

## WRITING AND MATHEMATICS CENTERS

The Writing Center and Mathematics Center at Immaculata University are focused on enhancing the writing and math skills of Immaculata students. The goal is to help students across the disciplines in all stages of writing and mathematics expertise. The Centers offer a pleasant and supportive environment as well as print and electronic resources.

# Registration and Transcript Information

## AUDITING COURSES

Having met prerequisites and, with approval from the academic advisor, a student may register to audit a course without receiving grades or credits. Audited courses must be indicated with an “AUD” in the credit-hour column on the registration form. Tuition for a course audited is the same as for a course taken for credit. While attendance at all class sessions is expected, completion of assignments, including examinations and term papers, is not required.

Changing course registration from credit status to audit status is permitted only during the Drop/Add period. Changing course registration from audit status to credit status is not permitted. The University reserves the right to cancel an audit registration if class size exceeds space available.

## CANCELLATION OF COURSES

The University reserves the right to cancel a course in the academic schedule because of insufficient enrollment or for any other valid reason. Notification of a cancelled course will be sent to students at their University email address.

## CLOSED CLASSES

Closed classes are managed through the individual college registration offices.

## CHANGE OF COURSES

The University maintains an add/drop period on a schedule that varies based upon the college and program in which a student is enrolled. Add/drop timelines for each semester can be found in the Office of the Registrar.

### Drop/Add Period

*During the Drop/Add period* **Error! Bookmark not defined.**, a three-week period at the beginning of each semester, students may drop a course without penalty, after having consulted with their academic advisor, by completing a form in the appropriate administrative office or forwarding written notification to that office via US mail, email or fax. Dropped courses will not appear on a student's transcript. Students may also add courses, provided they do so during the first week of the Drop/Add period only. In order to add a course, the students must have consulted their academic advisor about the decision. All courses are added through the Office of the Registrar or the College of Adult Professional Studies.

### After Drop/Add Period (Withdrawal)

*After the Drop/Add period* has ended, students seeking to remove a course from their schedule must formally withdraw from the course. A student may withdraw from a course (delivered in the traditional semester format) without academic penalty prior to a

date that falls two weeks after the submission of mid-term warning grades. However, students should be aware that acquiring withdrawals may impact academic progress requirements and have implications for financial aid eligibility.

The Registrar will set and promote the date at the time that course information is published. Students who do not withdraw prior to this date will receive the grade earned at the end of the semester. Any student who needs to withdraw from a course after the published withdrawal date will require medical or other documentation and authorization from the dean of the appropriate college.

Requests for withdrawal must originate in the office of Academic Advisement in the College of Undergraduate Studies or the student's academic advisor in the College of Adult Professional Studies. A student who stops attending class and does not submit a withdrawal request will incur an automatic failure (F) on the transcript. Any student who withdraws officially will have a W (withdrawal) recorded on the transcript. In determining tuition payment in the College of Undergraduate Studies, a grade of W will be counted as credits attempted and included in credits for which the student is billed.

Students in the College of Undergraduate Studies may not drop or add courses without first consulting with their academic advisor. The drop and withdrawal timelines for the College of Adult Professional Studies are described in this catalog under “Expenses” in the “Tuition Refund and Academic Credit Policy” section.

Students will not be added, dropped or withdrawn from courses unless the proper paperwork has been submitted and advisement has been sought through the appropriate offices.

## COURSE SUBSTITUTIONS AND WAIVERS

Students are expected to satisfy all degree requirements. Only under unavoidable and exceptional circumstances will the University permit a student to deviate from an academic program's requirements via a course substitution or waiver.

When it becomes necessary to request a deviation from the prescribed course of study, students shall consult their academic advisor and submit a formal request to the department/division chair, who shall forward the request to the dean of the appropriate college. In preparing the request, students should be mindful of the following:

1. The course to be substituted must be in the same area as the required course or in a closely related area.
2. Substitution of a course for a previously failed required course is seldom granted.
3. Failure on the part of the student to schedule a required course is not sufficient reason for granting permission for a course substitution or waiver.

Upon review of the request, the dean will contact the registrar, who will inform the student of the final decision in writing.

## CROSS REGISTRATION

Students in the College of Undergraduate Studies, paying full-time tuition, may register for up to two undergraduate courses a year at any other SEPCHE member institution. The SouthEastern Pennsylvania Consortium for Higher Education (SEPCHE) includes Arcadia University, Cabrini University, Chestnut Hill College, Gwynedd-Mercy University, Holy Family University, Immaculata University, Neumann University, and Rosemont College.

The Cross Registration program provides additional educational opportunities for students of the member institution. Through this program, students have the option to take courses not offered at their home campus so that they can experience the varied and diverse resources on member campuses across the Delaware Valley.

Students must have completed at least one year as a full-time student at their home campus before taking courses through the Cross Registration program. Courses may not be taken at a member institution if that course or its equivalent is offered at the home institution in the same semester. No tuition or fees will be charged by the host institution, except for special or extra fees such as lab fees. The Cross Registration program is available only in the fall and spring semesters, and does not apply to accelerated or weekend courses, independent study, tutorials, internships, practicum field experience, student teaching, private music lessons or study abroad. Credits earned count toward graduation requirements on the home campus and grades earned will apply to the student's GPA.

Course listings and additional cross registration information may be found on the SEPCHE website at: <http://sepche.org/> Short-Term Study Abroad courses (with 1-4 week travel) listed as spring or fall courses at any SEPCHE institution are included in the courses that are eligible for cross registration. Students who qualify for the SEPCHE Cross Registration program are not charged additional tuition to cross register for one of these courses. The student is responsible, however, for all travel-related costs.

## FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

The Family Educational Rights and Privacy Act of 1974 grants students the right to review their educational records. Students wishing access to their records should make the request in writing to the Registrar. Federal law permits the release of academic records to the parents of students with the submission of evidence that the parents have declared the student as a dependent on their most recent Federal Income Tax form.

## PREREQUISITE OVERRIDES

In rare circumstances, the chair of the department/division in which a course resides may approve a student to enter a course without having satisfied the pre-requisite requirements.

## GRADING SYSTEM

The scholastic year is divided into two semesters in the College of Undergraduate Studies and into three sessions in the College of Adult Professional Studies. Final grades are posted on S.S. IU at the end of the semester or session.

### GRADE POINT VALUE PER CREDIT HOUR

A	Outstanding	Grade given for work of highest achievement; evidence of consistent ability and originality	4.00
A-		Mastery of subject matter considerably above the acceptable standard	3.67
B+	Above Average		3.33
B			3.00
B-			2.67
C+	Average	Standard performance	2.33
C			2.00
C-		Passing, below standard performance	1.67
D+	Below Average	Passing, but inferior work	1.33
D			1.00
F	Failure	No credit given	0.00
I	Incomplete	For some legitimate reason, all course work has not been completed	
HP	High Pass	Equivalent of B+, A- or A for course taken as pass- no credit option	0.00
P	Pass	Equivalent of C-, C, C+, B- or B for course taken as pass/-no credit option	0.00
W	Withdrawal	Not included in GPA	0.00

Requirements for a degree are expressed in credit hours, indicating the amount of work, and in grade points, indicating the quality of work. The total grade points earned in a given course are obtained by multiplying the number of credit hours assigned to a course by the grade point value of the grade received. A three-credit-hour course in which the student receives an A carries 12 quality points; a B carries 9 quality points; a C carries 6 quality points, and so forth.

The grade point average is obtained by dividing the total number of grade points earned by the total number of credit hours carried.

## GRADE APPEALS PROCEDURE

Faculty members are responsible for outlining grading policies to students at the beginning of each course. If a student wishes to question a grade, the initial step is to discuss the grade with the faculty member teaching the course. If that step does not result in a satisfactory explanation or resolution of the perceived problem, the student may bring the matter to the attention of the department/division chair, or, in the College of Adult Professional Studies, to the appropriate program director. Documentation regarding the appeal should be provided. Should the student continue to contest the grade following the ruling made by the department/division chair or program director, additional documentation should be brought to the appropriate dean. All grade appeals must be initiated within three weeks after the posting of grades.

## INCOMPLETE COURSES

A student who has done satisfactory work in a course, but has not completed the course requirements because of illness or some other emergency situation, may request a grade of "Incomplete" (I) as a temporary placeholder on the transcript. The authorization

to issue a grade of I is given to the instructor by the dean of the appropriate college. All course work must be completed within the first three weeks of the following academic session, or on a date determined by the instructor and the dean. The instructor must submit a final grade to the dean's office within a week of receiving completed course work. If the student fails to complete the required work within the time allotted, the instructor will replace the temporary "I" with a permanent "F".

### **PASS-NO CREDIT OPTION**

Students have the option of taking 12 semester hours of general degree requirements on a high-pass, pass, no credit option. Only one degree requirement per semester may be taken for pass-no credit. In addition, juniors and seniors may take one elective each semester on a pass-no credit basis. The elective may not be within the student's major field. Once the pass-no credit option has been selected, the actual grade will not be shown on the transcript. Instead, a grade of high pass, pass, or fail/no credit will be recorded. Credit will be given for a grade of C- or better, but it will not be computed in the student's grade point average. Any general degree requirement course taken under the pass-no credit option must be repeated if a pass grade is not received. The student taking a course on a pass no-credit basis will notify the Registrar within the first three weeks of the semester but need not inform the instructor. The pass-no credit option is not available to students enrolled in courses meeting fewer than eight times.

### **REGISTRATION-ALL STUDENTS**

The Office of the Registrar is responsible for the oversight of the registration process by which students enroll in classes. Through the registration process, students assume academic and financial responsibilities for the classes in which they enroll.

To carry more than 18 credit hours during a semester, approval of the appropriate dean is required. Students in the College of Undergraduate Studies will be charged in addition to full-time tuition for any credits beyond 18 in a given semester.

If a student withdraws and then reapplies, tuition will be assessed at the current annual tuition rate. Full-time students taking more than 18 credits per semester will be charged the current per credit rate for each additional credit. The tuition and financial aid for students in the College of Undergraduate Studies who have remained in part-time status studying at Immaculata for more than two semesters (Fall/Spring) and who seek to return to full-time status, will be assessed based on the current transfer tuition and financial aid rates. Exemptions for special circumstances will be reviewed by the vice president for Finance and Administration. Music lessons are billed separately.

### **REGISTRATION HOLDS**

Students will not be permitted to register if there is a "hold" on their account. Obligations that can result in holds are most often financial (past due accounts including unpaid tuition and fees etc.). Other holds may be related to academic standing (probation or dismissal), code of conduct violations, or incomplete admission files (missing transcripts). To clear a hold, the student must contact the office that has issued the hold to

find out what must be done to fulfill the obligation(s).

### **REPEATING COURSES**

When a student repeats a course, both the original and the subsequent grades will be recorded on the official University transcript; however, only the latest graded earned will be used to compute the grade point average (unless the last grade is W).

### **TRANSFER CREDITS**

Students should be aware that the University's transfer credit policy is college and program-specific, and requires consultation with one's academic advisor and the dean of the College at the time of transfer credit review.

Upon receipt of official transcripts from accredited colleges and universities, courses in which a C or better has been earned may be transferred. These courses must be equivalent to Immaculata courses in scope and content. The grades for courses taken at other institutions are not included in the computation of the student's grade point average at Immaculata and will appear with a grade of TR on student's transcript.

Students already matriculated in the College of Undergraduate Studies must receive prior administrative approval to take courses off-campus; permission is obtained from the Office of Academic Advisement for summer courses and requires prior consultation with the academic advisor. In rare, extenuating circumstances, the dean of the College of Undergraduate Studies may permit enrollment in courses at an accredited institution for fall and spring courses. Permission must be granted prior to enrollment. Grades for off-campus these courses will be transcribed and included in the cumulative GPA. Summer courses taken at Immaculata require consultation with the academic advisor.

In exceptional circumstances a matriculated College of Adult Professional Studies student may receive permission to enroll in a course at an accredited institution. Permission must be granted by the dean of the college prior to enrollment. Courses that have been approved to be taken at another institution will be transcribed and included in the cumulative GPA. However, the transfer courses will not count towards 60 Institutional Hours required for honors at graduation.

### **TRANSCRIPTS**

Students may obtain transcripts of their academic record from the Office of the Registrar; they may also order copies of their official academic transcripts via the National Student Clearinghouse at the [IU Transcript Ordering Center](#). Students will need to have either a valid Social Security Number of their Immaculata University ID to make the online request and will be required to sign a consent form.

Please see the [Registrar's web page](#) for details regarding transcript processing and delivery options.

The fee is \$10 per transcript. Transcripts will not be released for persons who have financial obligations to the University.

# Recognition of Achievement

## ACADEMIC HONORS

### CUS AND CAPS

In the spring of each year, The Vice President for Academic Affairs & Provost calls an honors convocation of faculty and students in the College of Undergraduate Studies to commend students who have attained high academic standing in the previous year. Official recognition is given to students who have been elected to international and national honor societies and who have achieved department/division distinction.

Likewise, in the spring, the College of Adult Professional Studies hosts an honors convocation recognizing honor students and students who have gained admission to honor societies.

### LATIN HONORS

Baccalaureate degree recipients who have completed a minimum of 60 graded credits at Immaculata University will be evaluated for honors at graduation. Credits earned through challenge exams may be counted for this purpose. Honors are determined upon awarding of a baccalaureate degree according to the following minimum GPA standards:

summa cum laude	3.95
magna cum laude	3.85
cum laude	3.65

## COLLEGE OF UNDERGRADUATE STUDIES - IMMACULATA HONOR SOCIETY

The society was founded in 1959 for the purpose of promoting intellectual and cultural enthusiasm, accomplishment among its members, and contributions to the intellectual and cultural excellence of the entire community. A student of the College of Undergraduate Studies who has achieved a Dean's List rating for any three semesters is eligible for membership in the society.

## COLLEGE OF UNDERGRADUATE STUDIES - DEAN'S LIST

Nomination to the Dean's List at the close of any semester is an official recognition of superior academic achievement during the semester. The nominee earns all rights and privileges of honors standing at the college. Full-time students who earn a grade point average of 3.70 or higher during the semester are nominated to the Dean's List.

## COLLEGE OF ADULT PROFESSIONAL STUDIES - DEAN'S LIST

The College of Adult Professional Studies' Dean List is generated three times a year, at the end of the fall, spring and summer semesters.

To be named to the Dean's List, a student must have earned at least nine (9) graded credits within the semester with a minimum GPA of 3.7. Courses in which a grade of P (for Pass) is earned cannot count toward the nine (9) credit minimum.

## INTERNATIONAL AND NATIONAL HONOR SOCIETIES

To give recognition to students of exceptional accomplishment and to promote intellectual and cultural achievement, a number of honor societies are active at Immaculata.

The order in which the honor societies are listed below is determined by the date on which the society was chartered at Immaculata University. The society with the longest tenure at the University is listed first and the most recently chartered society is last.

- **KAPPA GAMMA PI** ... a national post-graduate honor and service society open to men and women who have graduated from Catholic colleges with honors and have been leaders in extracurricular campus or volunteer off-campus projects. The number of candidates who may be nominated by a college in any one year is limited to ten percent of the graduating class.
- **DELTA EPSILON SIGMA** ... a national scholastic honor society for students of Catholic colleges and universities, established for the purpose of recognizing academic accomplishments, fostering scholarly activities, and providing an intellectual meeting-ground for its members. To be eligible for membership in the society, applicants must be persons who possess good character, have a record of outstanding academic accomplishment, have helped to foster intellectual activities, and give promise of becoming leaders within the scope of their activities. The Alpha Epsilon Chapter was established at Immaculata University in 1940.
- **KAPPA OMICRON NU** ... a national honor society in the field of Family and Consumer Sciences and related academic disciplines. The purpose of Kappa Omicron Nu is to recognize and encourage excellence in scholarship, research, and leadership. The honor society fosters the spirit of inquiry and promotes attitudes of professional responsibility. Undergraduate students who have completed nine semester hours in the majors of Family and Consumer Sciences, Fashion Merchandising, and Nutrition- Dietetics, and achieve a 3.00 cumulative average and a 3.20 average in department courses are invited for membership.
- **ALPHA PSI OMEGA** ... a national honorary dramatic fraternity founded in 1925. Iota Nu Chapter was established at Immaculata University on September 8, 1944, to encourage and foster dramatic activity. The aim of the fraternity is to develop dramatic talent, to cultivate a taste for the best in drama and to foster

facilitation in theatre technology. Eligibility for membership is determined by a point system. Election to Iota Nu Chapter is a recognition and a reward for theatrical achievement.

- **LAMBDA IOTA TAU** ... an international collegiate honorary society for students of English and foreign literature. Its purpose is the recognition and promotion of excellence in the study of any literature. To be eligible for membership, students must major in literature, maintain an average of B+ in literature courses and at least a B in general scholastic standing, be recommended by the faculty, and submit to the local chapter, Alpha Tau, a paper on a literary topic to be presented orally or published by such means as the chapter itself will determine.
- **SIGMA ZETA** ... a national honorary science society. Its purpose is twofold: to encourage and foster the attainment of knowledge of the sciences; to recognize the attainment of high scholarship among those fitted for membership in this society. To be eligible for membership, students above the sophomore level must have a major in any one of the natural sciences, computing sciences, or mathematics and have completed 12 semester hours in the major. The Alpha Mu Chapter was established March, 1971. The motto of this society is "Seek diligently together for truth."
- **PSI CHI** ... a national psychology honor society that seeks to encourage, stimulate, and maintain scholarship and to advance the science of psychology. Eligibility for the Immaculata Chapter, established in May, 1977, requires that the student: a) must have completed at least nine credits in psychology; b) achieve a cumulative grade point average of 3.0; and c) attain at least a 3.25 grade point average in all psychology courses.
- **PI DELTA PHI** ... a national French honor society, open to students who are enrolled in upper-division French courses. Theta Omega Chapter was founded at Immaculata in October, 1978, to recognize outstanding scholarship in French language and literature and to foster leadership in the promotion of cultural activities. Eligibility requires that the student must have completed at least five French courses including at least one upper-level literature course, maintain a credit ratio of 3.25 in these courses, and have an overall grade point average of 3.00.
- **SIGMA DELTA PI** ... a national Spanish honor society. Eligibility for the Nu Omega Chapter, established at Immaculata in September, 1979, requires that the student a) must have completed five Spanish courses including at least one upper-level literature course, maintain a credit ratio of 3.25 in Spanish courses and minimum overall grade point average of 3.00 and b) demonstrate enthusiasm in promoting interest in the Spanish language and the culture of Spanish-speaking countries.
- **PI KAPPA LAMBDA** ... a national music honor society established to provide an organization dedicated to furtherance of music in education and education in music, whose motto is "Strive always for the beautiful." Seniors and juniors who achieve the highest level of musical performance and academic scholarship are eligible for faculty nomination and election. The local chapter, Delta Psi, was founded at Immaculata in April, 1980.
- **PHI ALPHA THETA** ... an international honor society in history that seeks to bring together intellectually students, teachers, and writers of history. The society encourages and assists, in a variety of ways, historical research and publication by its members. Eligibility for the Alpha Rho Chapter, established at Immaculata in March, 1983, requires that the student a) maintain a 3.10 grade or above in history courses; b) maintain a minimum grade point average of 3.0 or above; and c) rank in the highest 35% of the class.
- **ALPHA SIGMA LAMBDA** ... a national honor society for students in continuing higher education. The purpose of this society is to provide an association of continuing education students who have demonstrated academic excellence. To be eligible for membership, students must have completed a minimum of 30 semester hours (with at least 15 semester hours taken outside the major field in the liberal arts and sciences), have been in attendance at Immaculata University for at least four semesters, and maintain a 3.20 grade point average. Delta Xi Chapter was founded at Immaculata University in November, 1984.
- **THETA ALPHA KAPPA** ... Theta Alpha Kappa (TAK) is the national honor society for religious and/or theological studies. To be eligible for this society a student must be enrolled in the Theology Major, Minor, or Theology certificate programs. She/ he must also have completed a minimum of twelve Theology credits, have a 3.0 cumulative average, a 3.5 in Theology, and have completed three full semesters at Immaculata University.
- **SIGMA BETA DELTA** ... An international honor society recognizing outstanding scholastic achievement in the areas of business, management and administration. Additionally, the society encourages and promotes aspirations toward personal and professional improvement and service to humankind. To be eligible for membership, students must be above sophomore level, have completed at least 18 credits at Immaculata University, and demonstrate academic excellence.
- **LAMBDA PI ETA** ... the National Communication Association student honor society. The goals of this society are to recognize, maintain, and reward communication majors and minors who have established a 3.0 overall grade point average, as well as achieved a 3.25 grade point average in their communication courses.
- **SIGMA THETA TAU** ... the International Honor Society of Nursing, which was founded in 1922, provides leadership and scholarship in practice, education and research to enhance the health of all people. The Delta Tau Chapter—At Large of Immaculata University was chartered in November, 2005. The honor society supports the learning and professional development of its members, who strive to improve nursing care worldwide. To be eligible for membership undergraduate candidates are required to have

completed at least one-half of the nursing curriculum, have at least a 3.0 GPA on a 4.0 scale, rank in the upper 35% of the graduating class and meet the expectation of academic integrity.

- **PHI EPSILON KAPPA** ... a national honors society in the field of exercise science and related disciplines. Zeta Tau, the Immaculata Chapter, was established April 2008. Its purpose is to promote and honor academic excellence among students in the Department of Human Movement Sciences and recognize these students for their academic achievements within the Immaculata community. To be eligible for membership in the society, students must be of junior or senior standing and have achieved a cumulative grade point average of greater than or equal to 3.0 and a major grade point average of greater than 3.25.
- **DELTA MU DELTA** ... an international honor society recognizing outstanding scholastic achievement in business program majors at schools accredited by the Accreditation Council of Business Schools and Programs. The society recognizes outstanding achievement and supports enhanced learning experiences as well as professional opportunities. To be eligible for membership, students must have completed half of the credits required for their degree, have completed at least 24 credit hours at Immaculata University, and be among the top 20% of their college class.
- **KAPPA DELTA PI** ... an International Honor Society in Education, founded in 1911, which fosters excellence in education and promotes fellowship among educators. The Alpha Eta Delta Chapter at Immaculata was established in spring 2013. Membership is open to education students who meet the following criteria: intend to continue academically and professionally in the field of education; demonstrate leadership attributes; have completed at least 30 credit hours of collegiate course work; have at least 12 credit hours in education course work programmed, in progress, or completed; achieve a cumulative grade-point average of 3.0 or greater.
- **IOTA TAU ALPHA** ... a National Athletic Training Education Honor Society dedicated to the promotion and encouragement of scholarly activity in athletic training and the

recognition of outstanding achievement among students enrolled in athletic training education programs. The institutional chapter, Gamma Gamma, was founded in 2014 and supports the national society's objectives, which include stimulating interest, scholarly achievement and work in the field as well as sharing the national society's information and activities with student members. Membership is open to athletic training majors who meet the following criteria: complete a minimum of 3 semesters toward the athletic training degree (typically eligible after sophomore year); complete a minimum of 3 courses in the AT program (one must be above the introductory level); achieve a minimum cumulative GPA of 3.5 or above; and be in good standing with the program and university.

- **ALPHA PHI SIGMA** ... the National Criminal Justice Honor Society, founded in 1942 which encourages analytical thought, academic rigor, lifelong learning, and ethical standards within the criminal justice professions. Society goals promote and honor "academic excellence; service; leadership and unity." Criminology majors and minors may apply to join Phi Tau, the Immaculata University chapter of Alpha Phi Sigma founded in 2014, if they meet the following national criteria: achieve a minimum GPA of 3.2 on a 4.0 scale, with a minimum GPA of 3.2 in courses in criminal justice related fields, rank in the top 35% of their class, and complete a minimum of four courses in the criminal justice field.

## WHO'S WHO AMONG STUDENTS IN AMERICAN UNIVERSITIES AND COLLEGES

Nomination to Who's Who is another vehicle by which a select group of Immaculata students is given national recognition for outstanding accomplishments. Eligibility for the distinction of selection and acceptance by this national organization is confined to top-ranking students preparing to graduate. Nominations are made by faculty vote on the basis of excellence and sincerity in scholarship, leadership, and participation in extracurricular and academic affairs, citizenship and service to the University, and promise of future usefulness to business and to society.

# Student Development and Engagement

## ATHLETICS

Immaculata University is a member of the National Collegiate Athletic Association (NCAA) Division III and the Atlantic East Conference. As a member of the NCAA Division III, Immaculata University adheres to the NCAA, Division III philosophy.

Athletics is an integral part of the liberal arts educational experience at Immaculata University. The athletic programs provide an opportunity for individual growth while instilling discipline, self-sacrifice, teamwork, and the essence of sportsmanship and fair play. A student-athlete is expected to commit his or her best efforts to academics first and then to his or her sport, to join other University activities, to fulfill responsibilities such as work/study, and, in general, to enjoy a full collegiate experience. The specific aim of Immaculata athletics is to provide a quality competitive experience in an atmosphere of commitment, success and teamwork.

Colleges and universities in Division III place highest priority on the overall quality of the educational experience and on the successful completion of all students' academic programs. They seek to establish and maintain an environment in which a student-athlete's athletics activities are conducted as an integral part of the student-athlete's educational experience. To that end, Immaculata:

- Places special importance on the impact of athletics on the participants rather than on the spectators and places greater emphasis on the internal constituency;
- Awards no athletically related financial aid to any student;
- Encourages the development of sportsmanship and positive societal attitudes in all constituents, including student-athletes, coaches, administrative personnel, and spectators;
- Encourages participation by maximizing the number and variety of athletics opportunities for their students;
- Assures that the actions of coaches and administrators exhibit fairness, openness and honesty in their relationships with student-athletes;
- Supports student-athletes in their efforts to reach high levels of athletics performance, which may include opportunities for participation in national championships, by providing all teams with adequate facilities, competent coaching and appropriate competitive opportunities.

## ACADEMIC ELIGIBILITY FOR PARTICIPATION IN ATHLETICS

A student must be enrolled as a full-time student (minimum 12 credits per semester), be in good academic standing and show satisfactory progress toward a degree in accordance with University standards for all students in order to be eligible to participate in intercollegiate athletics.

### 1. Full-time student

Full-time status at Immaculata is defined as being enrolled in at least 12 credit hours per semester. However, last-semester seniors enrolled in at least 9 credits, provided that is all they need to graduate, may retain eligibility.

Summer school may be used to meet these requirements for the academic year just completed as long as the credits are earned prior to the fall semester.

### 2. Good Academic Standing

Credits Attempted	GPA
0-24	1.75
25-60	1.80
over 60	2.00

### 3. Satisfactory Progress

Following this year	a student must have
1	24 credits
2	48 credits
3	72 credits
4	96 credits
5	120 credits

## CLASS ABSENCE FOR ATHLETIC COMPETITION

Student-athletes are excused from class attendance in order to represent Immaculata University in intercollegiate athletic competition.

### Understandings:

- a. Student-athletes are entitled to the same number of class absences as students who do not represent Immaculata in intercollegiate athletics; however, knowing that class may need to be missed for athletic competition, every effort should be made to attend all other classes.
- b. Student-athletes will not miss class for practices.
- c. Student-athletes will not be charged a class absence in order to represent Immaculata in intercollegiate athletic competition provided they adhere to the following procedures.

### Procedures:

- a. The athletic director will forward a complete roster and schedule to all faculty at the start of each sport season.
- b. A student-athlete must inform his/her instructor one week in advance of the date of the class he/she will miss.
- c. The instructor will be presented an intercollegiate **Athletic Participation Class Absence Form**. Using this form, the instructor will indicate the assignment to be completed in order to compensate for the missed classroom time. All homework assignments and projects should be submitted prior to leaving for the competition. This assignment shall not be in excess of the subject matter covered during the student athlete's absence. Also, the next class session assignment, as well as any other future assignments, shall be included.
- d. The student-athlete will prepare the assignment by the next regularly scheduled classroom session.
  - Should the student-athlete fail to satisfactorily complete the assignments, the instructor may lower the assignment grade accordingly.
  - Should a student-athlete be charged a class absence for failure to adequately prepare his/her athletic absence form, he/she will have this absence subtracted in the same manner as a regular class absence. Furthermore,

the student-athlete's coach may impose a penalty (i.e. game suspension).

- e. A student-athlete who misses a scheduled class test to represent Immaculata in intercollegiate athletic competition will be granted the opportunity to take said test at a time that does not preclude athletic competition. The instructor, using reasonable consideration, shall determine when said examination will be held. Should the instructor elect not to proctor the test, then he/she indicates on the athletic absence form the method of procuring the test as well as the method of returning it to the instructor. It is understood that neither penalty nor added credit shall be attributed to any examination taken in this manner

## TEAM TRAVEL

Students are excused from class for all NCAA competition providing they adhere to the policy on class absence. Athletic contests and departure time will be established to reduce the amount of class time which student-athletes will miss. It is further understood that coaches may honor requests from athletes to miss athletic competition for class purposes. Such request should be in writing, and not be held against the athlete.

## CAMPUS SAFETY AND PROTECTION

The Department of Safety and Protection is committed to working in collaboration with Immaculata University students, faculty, staff and visitors to support and advance the objectives of the University through provision of a safe and secure environment conducive to learning and personal achievement.

Safety officers are on duty 24 hours a day/seven days a week. All reasonable safety measures and precautions are taken to keep the IU community safe and secure. An electronic card access system, security cameras, and emergency blue light phones provide additional security on campus.

The Department provides a variety of services including:

1. Motorist Assist Program
  - Vehicle 'jump' starts for dead batteries
  - Vehicle locked-out service
2. Escort service (safety officers provide student escort on campus upon request)
3. Medical assistance
4. Lost and Found service
5. Incident Investigations
6. Residence Hall security
7. Immaculata University telephone switchboard

Immaculata utilizes Omnilert (e2campus) as its emergency notification system. All members of the University community can sign up for this system and can register to receive notifications on their mobile devices and/or by email. Notifications are sent for significant security incidents, campus emergencies, severe weather, and campus closings. Registration for this service is free and students are encouraged to sign up through a link on the MyIU portal.

## PARKING

All students taking three (3) credits or more on campus must obtain a University parking permit. Presently, the permit fee is \$25 for part-time students and \$50 for full-time students (12

credits or more) per academic year. Students must register their vehicles at the Parking Permit office located in Villa Maria Hall, Suite 30, Office 34. Students must provide a vehicle registration card to obtain a permit. Safety officers will ticket vehicles not properly registered and/or illegally parked. Students attending classes at an off-site location must follow parking regulations as posted or announced by the host institution or facility.

## ONE CARD

The One Card identification card is a photo ID that serves a variety of purposes: bookstore purchases, meal plan, library card, and building access control. All students, faculty and staff are expected to obtain a One Card. The card should be prominently displayed while on campus or presented upon request from a University official.

ID cards are issued at the One Card office located in Villa Maria Hall, Suite 30, Office 34. New students may obtain an ID card at no charge. Lost, damaged, or replacement cards can be obtained for a fee. Hours of operation are posted on the web, MyIU portal, and at the One Card Office. To obtain an ID you will need the following information:

1. Current student schedule (class schedule must include your name and ID number).
2. Second form of identification (license)

## COMMUTER LIFE

The Office of the Dean of Students develops and implements programmatic initiatives centered on the needs of our commuter and off-campus students. As a resource and advocate for students, the Office strives to build a strong connection between commuter and off-campus students and the University. A series of commuter centered programs, called Commuter Connections, are held throughout the academic year. These programs include social and educational events and are often co-sponsored with Commuter Council which is a part of the Immaculata University's Student Government (S.G. A.). For more information, commuter and off-campus students are encouraged to contact the Dean of Students Office, located in DeChantal Terrace, at extension 3130.

## COUNSELING SERVICES

As part of the Student Wellness Center (SWC), Counseling Services is committed to student success by providing services that promote intellectual, emotional, social, and spiritual development in a safe, supportive, and confidential environment. SWC recognizes that emotional health is an essential element in achieving one's goals in college and beyond.

Counseling Services provides free, short-term counseling, group therapy, a daily walk in clinic, and consultation for faculty, staff, students and parents who have concerns about a student's mental health. Located in the Bruder Center, Counseling Services offers daily appointments, and provides after hour coverage in collaboration with the Department of Campus Safety & Protection, the Office of Residence Life and Housing, and the Office of the Dean of Students. Students are encouraged to call to set up an appointment at extension 3478.

## HEALTH SERVICES

As part of the Student Wellness Center (SWC), Student Health Services exists to provide confidential quality health care at the onset of illness or injury, as well as the prevention and protection from disease. SWC strives to promote healthy behaviors and lifestyle choices through ongoing educational programming.

All undergraduate and graduate students who reside in university housing must provide immunization and health record forms upon enrollment in Immaculata University for their protection and that of others on campus. The meningitis vaccine, or a signed waiver of the vaccine, is required by the state of Pennsylvania for all students who reside in University housing.

## ORIENTATION

The purpose of New Student Orientation in the College of Undergraduate Studies at Immaculata University is to empower students with a sense of confidence; introduce them to our traditions; encourage them in their leadership, service, and scholarship; and inspire loyalty. Our comprehensive and collaborative orientation provides students with the opportunity to expand intellectually and socially in a nurturing environment.

Students can expect the following outcomes from active participation in the New Student Orientation:

- Students will gain a sense of familiarity and comfort with the University through interaction with fellow classmates, faculty, staff and administration;
- Students will learn about the expectations of the University regarding academic responsibility, tradition, honesty, citizenship, community service, and leadership;
- Students will experience all facets of campus life including academics, campus services, social and extra-curricular activities and will begin to find their place in the Immaculata community;
- Students will have the opportunity to meet advisors and register for fall classes;
- Family members will gain an understanding of the adjustments students face in their transition to college.

## RESIDENCE LIFE AND HOUSING

Residence Life and Housing is dedicated to developing a comprehensive program centered on students' residential needs. The department focuses on community development and civility, growth of individual students, and promotion of academic success through collaboration with members of the campus and local community.

### Core Competencies

- Develops students on all levels – intellectually, emotionally, spiritually, culturally, socially and physically – within a community committed to the mission of University;
- Facilitates a holistic undergraduate student experience outside of the classroom, with services focused on the specific needs of resident students;
- Develops the community to include and integrate students in all three colleges, faculty, staff, administration, and friends of IU;

- Educates students about community living and learning, their personal impact on the community, and their individual responsibility and how this relates to their citizenship in the local, national, and global community.

## STUDENT INVOLVEMENT

The Office of Student Involvement encourages and promotes social and developmental opportunities to enhance the student's co-curricular experience. The office supports a holistic experience through the development of critical thinking, inter-personal relationships, leadership skills, and advocacy for one's self and others.

### Core Competencies

- Provides co-curricular learning opportunities to form connections between student experiences in the classroom and their lives in the community;
- Involves students in the design and implementation of activities and events, and the heritage of the University;
- Supports students in transition and in times of crisis while positively affirming their role in the community;
- Develops students on all levels – intellectually, emotionally, spiritually, culturally, socially, and physically – within a learning community committed to the mission of the University;
- Facilitates a coordinated undergraduate student experience outside of the classroom, with services focused on the specific needs of commuter and resident students;
- Develops the community to include and integrate students in all three colleges, faculty, staff, administration, and friends of the University;
- Implementing leadership development programs and recognition.

## Gabriele Library

In harmony with the goals of the University, the staff of Gabriele Library purchases, organizes, and makes accessible the print, audiovisual, and electronic resources needed by the Immaculata community. The library's mission statement reads: The role of the library is to support the educational mission, goals, and curricula of Immaculata University through the effective organization of materials, technological resources, and services. The library's mission is to provide print and non-print resources, instruction, and services to meet the teaching, learning, and research needs of the faculty and students.

Open seven days a week, Gabriele Library accomplishes its mission by providing such full-text on-line resources as ERIC, PsycARTICLES, Academic Search, Sage Premiere, Gale Literature Resource Center, Business Source, CINAHL and LexisNexis; on-line journal services such as JSTOR; personal computers, scanner, and printers; a fully equipped media classroom; and an integrated on-line catalog of the library's holdings with web access. Perhaps most vital to the success of the library's mission is the dedication to service manifested by professional and paraprofessional staff alike. The reference librarians provide bibliographic instruction, both to scheduled classroom groups and to individuals at the point of service. The library also provides prompt interlibrary loan service. The circulation staff handles an extensive collection of reserve materials, as well as the circulation traffic of the library.

Other noteworthy features of Gabriele Library include quiet study carrels, six group-study rooms and two photocopying areas. Library holdings include approximately 125,000 volumes, 5,500 audiovisual items, 80 electronic databases, 300 periodical subscriptions, and resources organized on the library website <http://library.immaculata.edu>. The University is dedicated to the growth of the collection in print and non-print holdings. Special library collections include musical scores; theses and dissertations; and collections of juvenile and young adult literature. The Immaculata Heritage Room houses a collection of archival materials relating to the University and includes a microfilm collection of the University newspaper.

Gabriele Library participates in TCLC (Tri-state College Library Cooperative) and SEPCHE (Southeastern Pennsylvania Consortium for Higher Education). As a member of these cooperatives, the library shares ideas and expertise, as well as informational resources with other libraries in the Delaware Valley and Pennsylvania. Through these memberships, Immaculata students can borrow directly from seven SEPCHE college libraries and borrow reciprocally from 40 additional college and university libraries in the region.

# College of Graduate Studies

Immaculata University is chartered by the Commonwealth of Pennsylvania to grant the following graduate degrees:

## Doctoral Degrees:

- Ed.D. in K-12 Educational Leadership
- Ed.D. in Higher Education
- Psy.D. in Clinical Psychology (APA accredited)

## Master's Degrees

- M.A. in Clinical Mental Health Counseling
- M.A. in Clinical Mental Health Counseling with School Counseling Certification (K-12)
- M.A. Educational Leadership
- M.A./Ed.S. in School Psychology
- M.A. in Music Therapy
- M.A. in Nutrition and Dietetics; Academy of Nutrition and Dietetics Internship is offered as an option in this program
- M.S. in Management and Leadership
- M.S. N. Master of Science in Nursing
- M.B.A. with DeSales University

The University is also authorized to grant **Pennsylvania Department of Education (PDE) certifications** for:

- School Counselor PreK-12
- Supervisor, Special Education
- Supervisor, Curriculum and Instruction
- PreK-4
- Secondary (7-12)
- Special Education (PreK-8) (added to previous PA certifications: PreK-4 or 4-8)
- English as a Second Language (ESL) Program Specialist
- Principal (PreK-12)
- Supervisor, Single Area
- Supervisor, Curriculum and Instruction
- Supervisor, Special Education
- Letter of Eligibility (Superintendent) Candidates seeking initial certification must satisfy a prerequisite of six credits both in Mathematics and English Composition and Literature. Students must maintain a 3.0 GPA.

The College of Graduate Studies also offers **Endorsement programs** in:

- Instructional Coaching
- Mathematics Coaching
- STEM Education

**Certificates** are also offered in:

- Addictions Studies
- Nursing Administration (post MSN)
- Nursing Education (post MSN)

A unique feature of the programs is the liberal education focus in the core requirement, which provides a holistic approach to learning. There is also a strong commitment of the faculty to the advisement of each student. Because faculty members are aware of the special needs of the adult learner, flexibility is an integral component of these graduate programs.

Complete information on these programs is available in the Graduate Catalog. To obtain a catalog, contact the Graduate Office at 610-647-4400, ext. 3211 or 3212. Requests for information may be faxed to 610-993-8550 or emailed to [graduate@immaculata.edu](mailto:graduate@immaculata.edu).

## POST-BACCALAUREATE PROGRAMS

### MEDICAL AND ALLIED HEALTH PROFESSIONS IN CAPS

Immaculata University offers a non-degree program of study for highly capable college graduates who wish to prepare for application to medical school or to graduate programs in allied health fields. The program may be completed in 12 months (if begun in the summer) or in two academic years.

Graduates of accredited colleges or universities who have earned an undergraduate GPA of at least 3.00 (A=4.00) in the junior and senior years and who have not completed prerequisite courses for professional schools are eligible to apply for the program.

The Advisory Committee for the Medical Professions counsels students on an individual basis and makes its services available to all participants in the program. For further information, contact the Biology Department chairperson.

# LifeLong Learning Institute

At the LifeLong Learning Institute at Immaculata University (LLI at IU), individuals over the age of 50 in the southeast Pennsylvania region can continue to cultivate their knowledge, meet others with similar interests, and stay active both mentally and physically.

Members of the LLI at IU may choose from an extensive array of courses in the arts, history, and personal enrichment. The courses are peer taught, and there are no entrance requirements, grades, academic credits, or tests. Participants may renew enthusiasm for learning in a relaxed environment where they can engage in classroom discussion, enjoy lectures and insightful presentations, and benefit from opportunities to participate in Immaculata University activities.

Classes are currently offered during the day on Immaculata's campus during the fall, spring, and summer semester. Each semester is ten (10) weeks, and classes are offered either over the ten week term or are divided into a five-week sessions within a given term. Classes meet for roughly one hour once a week, and you can register for up to 14 classes each semester.

Information on membership benefits, fees, and the most recent schedule of courses is available through the LLI page on Immaculata's website : [www.immaculata.edu/academics/lifelong-learning-institute/](http://www.immaculata.edu/academics/lifelong-learning-institute/)

More information about the program is available through the LLI Assistant Director's office, Room T7, Good Counsel (West), or at 610-647-4400, extension 3238.

# Areas of Instruction

## COURSE NUMBERING SYSTEM

Courses have a designated course code (3-4 characters) that indicate the area of study and then a three-digit number – the course number – followed by the course title (e.g., “ENG 106 Composition 1”). Semester hour credit is indicated in parentheses after each course title.

**NOTE:** Descriptions for all courses appear alphabetically (by course code and number) in the “[Course Descriptions](#)” section of this catalog, which follows the full listing of Immaculata departments, undergraduate programs, and program requirements.

## SPECIAL PROGRAMMING

### COLLEGE OF UNDERGRADUATE STUDIES HONORS PROGRAM

#### Honors Program Vision Statement

The Immaculata University Honors Program embodies and promotes the highest ideals of an Immaculata education. Inspired by the IHM charism and the University mission, the Honors Program offers a dynamic education focused on the theme “Life Examined, Life Experienced.” Grounded in the tradition of the liberal arts, the Honors Program cultivates examination of the experience of personhood and community; develops creative, independent, critical, and responsive thinking; nurtures leadership and service for the common good; fosters cross-cultural dialogue and awareness; and facilitates a community dedicated to multi-disciplinary scholarship. The Honors Program pursues these goals within the context of a learning community marked by peer support and vibrant social interaction.

#### Honors Program Outcomes

Through study in the College of Undergraduate Studies Honors Program, students will:

- Demonstrate an understanding of key texts and ideas within the Liberal Arts tradition that illuminate personhood and community in the following disciplines:
  - History
  - Literature
  - Philosophy
  - Theology
  - The Social Sciences
- Demonstrate an ability to identify, clarify, and resolve intellectual, ethical, and social problems
- Design and conduct high-quality research using multi-disciplinary methods
- Communicate effectively through oral, visual, digital, and written modes/formats
- Collaborate productively with others in the achievement of a shared goal
- Demonstrate an understanding of interdependence between local and global communities

#### Membership in the Immaculata Honors Program

**First-time freshmen:** Invitations to the honors program are extended to high school students who meet at least two of the following criteria:

- SAT score of 1160 or better;
- High School GPA of 3.50 or equivalent
- Top 20% of high school class

Students whose high school GPA falls slightly under 3.5 may self-nominate and apply to the Honors Program Committee for acceptance into the program.

**First semester freshmen and second semester freshmen:** First semester freshmen and second semester freshmen who have achieved a 3.5 cumulative GPA will also be invited into the program. Students who wish to enroll in the honors program but whose cumulative GPA falls slightly under a 3.5 may self-nominate and make formal application to the Honors Program Committee for acceptance into the program.

**Transfer Students:** Invitations are extended to freshman and sophomore-level transfer students who have completed 24 credits with a GPA of 3.50. Students who have completed fewer than 24 college credits must meet the same criteria as first-time freshman applicants. Honors courses completed at other institution (with at least a B average) will be accepted for credit in the Immaculata Honors Program.

**Transfer Students (entering IU with an advanced number of credits):** Students who transfer into Immaculata in their junior year and who have little chance of completing the formal honors program will be invited into the Honors Congress, an affiliate honors program. Membership in the Honors Congress gives students access to all honors courses, programs, extra- and co-curricular activities, and priority registration for classes.

#### Requirements for Completion of the Honors Program

The Honors Program requires the completion of 18 credits, which students can earn in several ways. The following table provides a *suggested* sequence for how to complete the program in a three year sequence. However, individual scheduling needs and course offerings will at times vary the sequence. It is possible to complete the program in three years or extend completion into a fourth year.

	Fall	Spring
First Year (9 credits)	ENG 117 FYE 110	ENG 299 or Liberal Arts HON course
Second Year (6 credits)	Liberal Arts HON course or SGHO* or HON 400	ENG 299 or Liberal Arts HON course or SGHO
Third Year (6 credits)	HON 401	HON 400 or SGHO

All honors courses are identified on student transcripts.

*\*SGHO (Student Generated Honors Option) allows students to engage in guided research within a core course or a course required by their major. Coordinated with the support of the course instructor and approved by the Honors Subcommittee, the SGHO allows students to pursue more in-depth study within the framework of a larger course. Students seeking to fulfill an honors course requirement through an SGHO are encouraged to consult first with the course instructor and then with the Honors Program director in the semester immediately prior to taking the course for an SGHO option.*

**The HON 400 research course** provides student an opportunity to work with an advisor during junior year to begin gathering the application materials needed for graduate programs.(3-6 credits)

**Fourth year honors courses:** Many students will complete the honors program by the end of junior year; therefore, the fourth year provides ample time to complete off-campus study programs, student teaching, senior seminar papers, etc. However, if students have not completed the honors program during their junior year, they can continue their honors courses in senior year.

### Honors Congress

Requirements for inclusion in the Honors Congress: Earned cumulative 3.5 GPA and submission of a formal application to the Honors Program Subcommittee.

### Formal Induction

Formal induction into the Honors Program and Honors Congress will occur during Immaculata's annual CUS Honors Programs.

### Maintaining Honors Program Membership

Students in the Honors Program and members of Honors Congress are required to maintain a 3.5 cumulative GPA.

*Students are free to withdraw from the Honors Program if the need arises. A student will be put on probation if his/her GPA falls below a 3.5. Probation will be lifted on a case-by-case basis by the dean of the College of Undergraduate Studies in conjunction with the Honors Program Committee.*

### Recent Honors Courses

Course descriptions can be found in the department listed after the course title. Courses are changed or added periodically.

Sample courses previously approved and offered include:

CCS 335 HON: Global Studies  
COM 211 HON: Media and Love  
COM 338 HON: Political Communication  
ECO 313 HON: The Great Economic Debate  
EDU 291 HON: Schools and Society  
ENG 216 HON: World Literature  
ENG 330 HON: Twisted Sisters: Brontës  
FNU 213 HON: Current Issues in Nutrition  
HIST 214 HON: Refugees  
HIST 300/PSY 300 HON: The Holocaust  
MATH 223 HON: God, Universe, & Math  
MUS 300 HON: Women in the Performing Arts  
PHI 314 HON: Asian Thought  
PHI 341 HON: Mythos and Logos  
PSY 327 HON: Positive Psychology  
SOC 360 HON: Culture and Gender  
THE 332 HON: Christian Faith and Economic Life  
THE 336 HON: Faith and Culture

### Completion of the Honors Program

Upon successful completion of the honors program requirements:

- Students are recognized and receive certificates of achievement at the spring honors ceremony;
- Students benefit from priority registration in spring and fall semesters;
- HON is listed before course numbers on student transcripts;
- Completion of the honors program or honors congress is noted on the student's transcript.

### FIRST YEAR EXPERIENCE PROGRAM

The First Year Experience (FYE) program is designed to help the student successfully navigate the college system by making progress toward the following educational and personal goals: (1) developing academic and intellectual competence; (2) establishing and maintaining interpersonal relationships; (3) developing an identity; (4) exploring career and professional development opportunities; (5) maintaining personal health and wellness; (6) developing connections with the university and the community at large.

All College of Undergraduate Studies students who either enter as first time students or transfer with fewer than 30 earned credits will take the First Year Experience seminar course.

Students in the Honors Program will take FYE 110: Honors Keystone Seminar (described below under College of Undergraduate Studies Honors Program).

### INTERDISCIPLINARY COURSES

#### SAS 100: Strategies for Academic Success (1)

This course introduces students to college learning and is designed to help incoming students develop strong study skills that will lead to academic success. Basic techniques for college success that this course will cover include: goal setting, time management, analysis of learning style, note taking and exam preparation. Special emphasis will be placed on active reading and strategies for strengthening critical and creative thinking. The course will also expose students to a variety of study methods and techniques. The goal of SAS 100 is to assist students in learning more about their own study habits and how to build upon these habits to ensure their success at the college level.

### SERVICE LEARNING COURSES

Immaculata University is committed to service in all disciplines, as our mission notes. Therefore, we offer Service Learning enriched courses in many departments. In the words of the National Service Learning Clearinghouse, it is "a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities." Service Learning enriches the learning experience in the course; it is not solely community service or volunteerism. It is mindful community outreach based on the course objectives and outcomes. Service Learning courses are identified by an "SL" designation on the academic transcript.

### WRITING INTENSIVE COURSES

Writing Intensive courses, usually taken in the sophomore or junior academic years, include a range of writing activities, incorporate appropriate rhetorical styles, and provide opportunities to practice recursive writing. A total of 12-20 pages of writing, typically involving multiple writing assignments, is required in Writing Intensive courses. Writing Intensive courses have a designation of "WT" on the academic transcript.

As part of their graduation requirements, CUS students must take a writing intensive course from within their major before beginning the senior year.

# Academic Departments and Program Requirements

**NOTE:** Descriptions for all courses appear alphabetically (by course code and number) in the “[Course Descriptions](#)” section of this catalog.

## ARTS, LANGUAGES AND LETTERS

Sean Flannery, Department Chair

Sister Elaine Glanz, Program Director – Art (FA18)

Diane Grimes, Program Director – Art (SP19)

Marisa Pereyra, Program Director – Global  
Languages

### FACULTY

Rita Colanzi

Sean Flannery

Kelly George

Chanda Gilmore

Sister Elaine Glanz

Diane S. Grimes

Melanie Kisthardt

Marisa N. Pereyra

Sister Marie Lorraine Bruno, Emerita

Kathleen Clark, Emerita

Sister Marie Hubert Kealy, Emerita

James Mooney, Emeritus

### PROGRAMS OFFERED

#### Degrees - Majors

Associate of Arts (AA) in Communication

Associate of Arts (AA) in English

Bachelor of Arts (BA) in Communication with tracks in:

- Digital Communication/Media
- Digital Communication/Design
- Organizational Communication
- Public Relations and Journalism

Bachelor of Arts (BA) in English

Bachelor of Arts (BA) in International Careers Foreign

Languages – Spanish

Bachelor of Arts (BA) in Spanish

Bachelor of Arts (BA) in Spanish with Education (K-12)

Bachelor of Arts (BA) in Spanish-Psychology

Bachelor of Arts (BA) in Spanish-Social Work

Bachelor of Science (BS) in Interactive Digital Media

#### Minors

American and British Literature

Art History

Communication

Film Studies

Francophone Cultures

French

French for the Fashion Industry

Global Studies

Graphic Arts

Interactive Digital Media

Irish Studies

Public Relations and Journalism

Spanish

Spanish for Criminal Justice

Spanish for Medical Professions

Spanish for the Teaching Professions

Sports Communication

Women’s Studies

#### Certificates

Graphic Arts

Hispanic Cross-Cultural Communication (offered only  
through corporate training opportunities)

Irish Studies

Italian

Professional Communication

Studio Arts

## ART MINORS AND CERTIFICATES

### PROGRAM OUTCOMES:

Through successfully completing courses in the art programs, students will be able to:

- develop and practice creative thinking skills;
- integrate the study of original works of art into their artistic practice;
- use their understanding of media application, techniques, and processes in their artwork;
- develop critical thinking skills;
- understand the visual arts in relation to history and culture;
- apply their comprehension and application of the creative process.

### Art History

(Minor)

**GRADUATION REQUIREMENTS:** ART 208, 211, 215, 217, and two courses (6 credits) from the following: ART 102, 200, 216, 218, 219, 401; ENG 329; HIST 200, 239, 360.

### Graphic Arts

(Minor)

**GRADUATION REQUIREMENTS:** ART 102, 105, 201, 204, 302, and 311.

### Student Fine Arts

(Minor)

**GRADUATION REQUIREMENTS:** ART 102, 105, 201, 303, 306, and one course (3 credits) from the following: ART 200, 210, 307, 319, 401, 403

### Graphic Arts

(Certificate)

**GRADUATION REQUIREMENTS:** ART 102, 105, 201, 204, 302, and 311.

### Studio Arts

(Certificate)

**GRADUATION REQUIREMENTS:** ART 102, 201, and four courses (12 credits) from the following: ART 105, 200, 204, 205, 208, 210, 211, 215, 216, 217, 218, 302, 303, 306, 307, 311, 319, 401, 403, 419.

## ENGLISH & COMMUNICATION DEGREES

### PROGRAM VISION

English/Communication programs remain faithful to the University's Christian values, demonstrate ongoing care among faculty and students, maintain integrity in programs and courses, and model scholarship in faculty and student achievements. In the spirit of service, the programs enhance students' communication skills and foster students' critical thinking across the curriculum. The programs confirm ongoing commitment to producing excellent writers, teachers, professionals and graduate students.

### PROGRAM OUTCOMES:

Courses in **English/Communication** support the **liberal arts core**, through which students:

- develop coherent and forceful essays and engage in a recursive writing process
- demonstrate the ability to consider texts critically: to read, comprehend, summarize, analyze, evaluate, and extrapolate from a variety of source materials
- define a topic of inquiry for a specific audience and disciplinary area
- access and evaluate print and non-print information effectively
- handle acquired information ethically and legally
- analyze works of literature with reference to literary types, elements, and devices
- respond to literary works with clearly written essays that demonstrate creative and independent thought.

In the **upper-level English** courses, students:

- develop further proficiency in written and spoken English
- learn the history of the English language and its relationship to other languages
- read, analyze, interpret, and write about major works of British and American literature with reference to their historical and cultural contexts
- analyze literature according to relevant historical and contemporary literary movements
- become familiar with the classics of ancient and medieval literature in translation
- prepare for careers and further educational opportunities by learning effective oral, written, and technical communication skills.

In the **Communication** courses, students:

- acquire a thorough knowledge of communication principles and practice, with a solid grounding in the liberal arts
- develop proficient written, oral, and technological skills appropriate to relevant careers in the fields of public relations, professional and technical writing, and communication in the business world
- achieve a balance of theory and practice that can be applied to various communication environments
- evaluate the role of media in society, including the Internet and film
- participate in internships as concrete preparation for future careers prepare for positions in the field of professional communication or for further study in applied communication.

### **Communication (AA)**

(Associate of Arts)

**GRADUATION REQUIREMENTS:** 18 credits to include: 100-level literature; three credits from ENG 261-275 (except ENG 271 and ENG 272); COM 305; and three courses (9 credits) chosen from the communication electives

### **Communication- Digital Communication (BA)**

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** ENG 299; COM 305, 308, 403, 406 (or INFO 410 for Digital Communication); and two courses (6 credits) 200-level or higher literature courses. COM 224, COM 226 or 227 or 228; INFO 214, 215; and one course (3 credits) from the following: INFO 230 or IDM 110 or IDM 220.

- o **Media:** Fifteen credits from among: COM 208, 210, 216, 217, 218, 220, 221, 225, 232, 233, 312; ENG 314; EXS 311; HIST 211, 239; PHI 338; or THE 219.
- o **Design:** Fifteen credits from among: ART 102, 105, 201, 204, 302, 311, 320; COM 208, 350; CIS 105; FMD 320, or INFO 404

### **Communication - Organizational Communication (BA)**

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** ENG 299; COM 305, 308, 403, 406 (or INFO 410 for Digital Communication); and two courses (6 credits) 200-level or higher literature courses.

BUS 360; COM 200, 230, 250 or 350, 340; HRM 311; one course (3 credits) from INFO 214 or INFO 215 or IDM 110 or IDM 220; and two courses (6 credits) from BUS 315, 327, 345; COM 224, 330; HRM 336; INFO 230; or MKT 309. This program can easily be combined with minors, such as entrepreneurship, business, or marketing.

### **Communication - Public Relations and Journalism (BA)**

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** ENG 299; COM 305, 308, 403, 406 (or INFO 410 for Digital Communication); and two courses (6 credits) 200-level or higher literature courses.

COM 239, 250 or 350, 333, 334, 335, 336; one course (3 credits) from INFO 214 or INFO 215 or IDM 110 or IDM 220; and one course (3 credits) from CCS 340; COM 217, 221, 224, 226, 227, 228, 230, 330, 337, 340; IDM 110, 120; INFO 230.

### **English (AA)**

(Associate of Arts)

**GRADUATION REQUIREMENTS:** 18 credits to include: a 100-level literature course; ENG 260; ENG 299; one course (3 credits) from ENG 261-275 (except ENG 271 and ENG 272); and two courses (6 credits) from 300-level English electives.

### **English (BA)**

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** ENG 260, 299, 321, 400; two courses (6 credits) from ENG 261-275 (except ENG 271 and ENG 272); and five courses (fifteen credits) from among 300-level English courses, with one course (3 credits) from each of the following areas - British pre-1600 (329, 340, or 341), British 1600-1900 (342, 343, 344, 346, 348, 349), American pre-1900 (350 or 351), American post-1900 (351, 353, 365, 367, or 368), one course (3 credits) from any 300-level course

### **English - Secondary Education (BA)**

(Bachelor of Arts – Secondary Education Certification)

**GRADUATION REQUIREMENTS:** ENG 260, 299, 321, 400; two courses (6 credits) from ENG 261-275 (except ENG 271 and ENG 272); and five courses (fifteen credits) from among 300-level English courses, with one course (3 credits) from each of the following areas: British pre-1600 (329, 340, or 341), British 1600-1900 (342, 343, 344, 346, 348, 349), American pre-1900 (350 or 351), American post-1900 (351, 353, 365, 367, or 368), one course (3 credits) from any 300-level course.

English (BA) with Secondary Education: Requirements as listed above, except ENG 321 is *recommended*, not required. Students seeking certification in secondary education must take COM 226 or 227, COM 250, and ENG 337 or 338 to fulfill state requirements. A student who can demonstrate competency in any of these areas may apply to waive the requirement.

### **Interactive Digital Media (BS)**

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** ART 102, 105, 204; CIS 105, 224, 335; COM 224, 308; IDM 110, 220, 325, 330, 405, 410, 420; INFO 110, 214, 230, 404; and MKT 309

## **ENGLISH & COMMUNICATION MINORS AND CERTIFICATES**

### **American and British Literature**

(Minor)

**GRADUATION REQUIREMENTS:** (18 credits): ENG 260; two courses (6 credits) from ENG 261-275 (except ENG 271 and ENG 272); and three courses (9 credits) from 300-level English courses. (Designed for non-English majors.)

### **Communication**

(Minor)

**GRADUATION REQUIREMENTS:** (18 credits): ENG 299; COM 305, 403; INFO 214 or 215; and two courses (6 credits) from COM 206, 207, 226, 227, 230, 239, 243, 250, 270, 306, 308, 330, 333, 334, 335, 336, 337, 340, 350.

### **Film Studies**

(Minor)

**GRADUATION REQUIREMENTS:** (18 credits): COM 225, HIST 239; and four courses (12 credits) from COM 232, 233, 270; ENG 314; HIST 209, 210, 211, 217, 293, 294, 295; PHI 338; POL 216; PSY 338; SPAN 313, THE 219.

## Global Studies

(Minor)

**GRADUATION REQUIREMENTS:** (18 credits): COM 230; and five courses (15 credits) from ART 216; BUS 345; CCS 335, 340; EDU 290; ENG 216, 365; EXS 230; FIN 363; FNU 212; HIST 345, 347; MUSC 102; PHI 220, 331, 335; POL 206, 312; PSY 206, 308; SOC 345; THE 314.

## Irish Studies

(Minor)

**GRADUATION REQUIREMENTS:** (18 credits): ENG 349; HIST 218; and four courses (12 credits) from ENG 275, 368; HIST 200, 217; POL 230, 337; PED 229.

## Interactive Digital Media

(Minor)

**GRADUATION REQUIREMENTS:** 21 credits to include: ART 105; CIS 104; COM 224; IDM 110, IDM 220; INFO 214, and 230

## Public Relations and Journalism

(Minor)

**GRADUATION REQUIREMENTS:** (18 credits): COM 226, 239, 334, 403; two courses (6 credits) chosen from CCS 340; COM 206, 250, 306, 333, 334, 335, 336, 337; INFO 120, 214, 215, 230; MKT 309.

## Sports Communication

(Minor)

**GRADUATION REQUIREMENTS:** (18 credits): COM 305; EXS 202, 307; and three courses (9 credits) from COM 206, 217, 221, 224, 239, 333, 340, 403, 406; EXS 306; PSY 357.

## Women's Studies

(Minor)

**GRADUATION REQUIREMENTS:** (18 credits): Six courses from ART 217; CCS/SPAN 300; COM 228; ENG 265, 266; EXS 103; HIST 216; MES 306; MUSC 300; PHI 326; PSY 343; SOC 360; SPAN 319, 331; THE 212, 217.

## Irish Studies

(Certificate)

**GRADUATION REQUIREMENTS:** 3 credits in ENG 368; Irish Literature and nine credits chosen from electives in history and other disciplines. Special topics in literature and history (one-credit courses) vary each semester and may be taken as electives. Course offerings are listed in the semester Course Guide or may be obtained from the department.

## Professional Communication

(Certificate)

**GRADUATION REQUIREMENTS:** COM 200 and 250, and twelve (12) elective credits. Electives may be chosen from three-credit courses or one-credit special topic offerings including: COM 206, 226, 227, 239, 243, 305, 307, 308, 330, 337, 350; BUS 331; INFO102, 120, 214, 215, 230, and CIS 335.

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## GLOBAL LANGUAGES AND CULTURES DEGREES

### PROGRAM VISION

Programs in Global Languages and Cultures will foster understanding among all peoples through the study of their languages, literatures and cultures, be a catalyst for justice and peace by improving cross-cultural communication, and provide the cultural intelligence tools needed to respond to the challenges of a global society.

### PROGRAM OUTCOMES:

Upon successful completion of major programs in Global Languages and Cultures, students will be able to:

- Demonstrate competence in the linguistic and grammatical aspects of the target language for interpersonal (speaking and writing), interpretive (listening, reading, and viewing), and presentational (speaking and writing) communication.
- Share knowledge of and appreciation for diverse cultures, identifying the relationships among their perspectives, products, and practices.
- Integrate the world language experience with business, social service, education, political science, and other academic disciplines in response to global societal needs.
- Demonstrate knowledge of the great works of major writers of the target cultures in their historical setting, assessing their impact on the present and future.
- Display genuine enthusiasm, interest, and success in the target language and culture for possible further study, travel, or use in the professional world.

### *International Careers Foreign Languages – Spanish (BA)*

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** An interdisciplinary program, this major is available to students who fulfill the specified requirements in the global language (Spanish) and business/accounting/economics: ACC 203; BUS 345, 360, 366, 398; CCS 340 or 341; ECO 203; MKT 309; two classes (6 credits) from among ACC, BUS, ECO, FIN, HRM, or MKT courses; POL 206; SPAN 304, 305, 314 (or other 300-level SPAN), 323, 328, and two classes (6 credits) in SPAN 300/400 level courses. THE 314 (fulfills 3 credits of theology requirement).

### *Spanish (BA)*

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** SPAN 304, 305, 314, 315, 316, 323, 328, 329, 330, and 334

### *Spanish-Education (BA)*

(Bachelor of Arts – K-12 Certification)

**GRADUATION REQUIREMENTS:** In addition to the Spanish requirements listed here, students are also required to fulfill the education requirements listed for the certification (see the Education Department): SPAN 304, 305, 314, 315, 316, 328, 329, 330, 334 and FLE 307.

K-12 Certification course requirements include: EDU 201, 202, 203, 204, 290, 302, 310, 328, 330, 381, 384; one course (3

credits) ENG 200-level literature; MATH 109, 111 (those pursuing a concentration in Business, Computers and Information Technology may be required to take higher level mathematics courses); and PSY 324.

**\*Note: K-12 certification students major in the content area of their certification.** For specific Education Requirements: See [Education](#) Section of this catalog.

### ***Spanish-Psychology (BA)***

(Bachelor of Arts)

(Cross-listed with Psychology and Counseling Department)

**GRADUATION REQUIREMENTS:** PSY 101, 208, 303, 311, 312 or 219, 313, 314, 316, 320, 324, 418, two additional courses (6 credits) in psychology; MATH elective; SPAN 201, 202, 304, 305, 323, 314 (or another 300-level SPAN), 328; and SPAN 334 or PSY 419 (seminar).

### ***Spanish-Social Work (BA)***

(Bachelor of Arts)

(Cross-listed with Civic Engagement Department)

**GRADUATION REQUIREMENTS:** ECO 203 (fulfills social science elective); PHI 312 or THE 218 (fulfills core ethics requirement); PSY 208, 324; SOC 202, 245, 250, 262, 275, 306, 321, 328, 343, 346; SPAN 201, 202, 304, 305, 314 (or other 300-level SPAN), 323, 328, and 334.

## **GLOBAL LANGUAGES AND CULTURES MINORS AND CERTIFICATES**

### **Francophone Cultures**

(Minor)

**GRADUATION REQUIREMENTS:** FREN 201, 202, 309, 310, 314, and 336

### **French for the Fashion Industry**

(Minor)

**GRADUATION REQUIREMENTS:** FREN 201, 202, 309, 310, 314, and 323 or FMD 300

### **French**

(Minor)

**GRADUATION REQUIREMENTS:** FREN 201, 202, 309, 310, and two courses (6 credits) from any other 300-level FREN courses.

### **Spanish for Criminal Justice**

(Minor)

*(Criminology majors only)*

**GRADUATION REQUIREMENTS:** SPAN 201, 202, 304, 305, 332\*, and 335\* (\*Study Abroad in Mexico, but they can be replaced by classes taken on campus.)

### **Spanish for Medical Professions**

(Minor)

**GRADUATION REQUIREMENTS:** SPAN 201, 202, 304, 305, 332\*, and 335\* (\*Study Abroad in Mexico, but they can be replaced by classes taken on campus.)

### **Spanish for Teaching Profession**

(Minor)

**GRADUATION REQUIREMENTS:** SPAN 201, 202, 304, 305, 332\*, and 335\* (\*Study Abroad in Mexico, but they can be replaced by classes taken on campus.)

### **Spanish**

(Minor)

**GRADUATION REQUIREMENTS:** SPAN 201, 202, 304, 305, 314 and 328

### **Hispanic Cross-Cultural Communication**

(Certificate)

(offered only through corporate training opportunities)

**GRADUATION REQUIREMENTS:** SPAN 163, 164, 165; CCS 320, 341

### **Italian**

(Certificate)

**GRADUATION REQUIREMENTS:** ITA 101, 102, 201, 202, and two classes (6 credits) selected from among the following: ART 216 (when going to Italy), FMD 300 (when going to Italy), HIST 238, HIST 301 (when going to Italy) or ITA 301.

## BUSINESS, FASHION AND LEADERSHIP

Elizabeth Faunce, Department Chair, Program  
Director - Business

Lina Castro, Program Director – Fashion  
Merchandising

George Schwartz, Program Director – Cybersecurity,  
Emergency Planning and Management

### FACULTY

Lina Castro  
Elizabeth G. Faunce  
Charlene Y. Fitzwater  
Janice Jacobs  
Mark McFadden  
Sister Denise Mollica  
Joseph W. T. Pugh  
Eileen Raffaele  
George Schwartz

### PROGRAM ACCREDITATION



Majors designated below with an asterisk (\*) are accredited by the Accreditation Council for Business Schools and Programs (ACBSP).

ACBSP accreditation certifies that the teaching and learning processes within the business programs meet the rigorous educational standards established by ACBSP. Receiving accreditation for the business programs and specialized accreditation for the accounting program shows that Immaculata is committed to providing the highest quality business education for our students.

### PROGRAMS OFFERED

#### Degrees - Majors

- \*Associate of Science (AS) in Accounting
- \*Associate of Science (AS) in Business Administration
- Associate of Science (AS) in Fashion Merchandising
- \*Bachelor of Arts (BA) in Business Administration with Business, Computers, and Information Technology (K-12 certification)
- \*Bachelor of Science (BS) in Accounting
- \*Bachelor of Science (BS) in Business Management
- \*Bachelor of Science (BS) in Business Leadership (degree completion – CAPS students only)
- Bachelor of Science (BS) in Cybersecurity
- Bachelor of Science (BS) in Emergency Planning and Management (degree completion – CAPS students only)
- Bachelor of Science (BS) in Fashion Merchandising
- \*Bachelor of Science (BS) in Finance
- \*Bachelor of Science (BS) in Human Resource Management
- \*Bachelor of Science (BS) in Marketing Management

#### Minors

Accounting  
Business Administration  
Buying  
Cybersecurity  
Economics  
Entrepreneurship  
Fashion Merchandising  
Finance  
Graphic Design for Fashion  
Human Resource Management  
International Business  
Management Information Systems  
Marketing  
Product Development  
Visual Merchandising

#### Certificate

Management

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## **BUSINESS AND ACCOUNTING DEGREES**

### **PROGRAM VISION**

Immaculata University's Business and Accounting Programs will develop value-based, service-oriented business leaders for the global community.

### **PROGRAM OUTCOMES:**

Upon successful completion of the business degree program, students will be able to:

- Demonstrate knowledge, skills and capabilities essential to the major;
- Understand the balance between theory and practice as it applies to the various sectors of the world of business, accounting, finance, marketing and economics;
- Exercise effective interpersonal, communication and analytical skills;
- Use technology strategically to enhance their productivity and effectiveness on both individual and organizational levels;
- Evidence professionalism, integrity, and ethics.

### **PROGRESSION REQUIREMENTS**

After completing 48 credit hours, Accounting, Business Management, Finance, Human Resource Management, Marketing Management and Business, Computers, and Information Technology with K-12 Certification majors must maintain an overall GPA of 2.5 in department courses. Business, Computers and Information Technology with K-12 Certification majors must also meet the Pennsylvania Department of Education's GPA requirements (see Education pages).

#### ***Accounting (AS)***

(Associate of Science)

**GRADUATION REQUIREMENTS:** ECO 201, 202 (fulfills social science requirement); BUS 235, 315, 360; ACC 203 and 204; MATH 203 and 204 or MATH 207 and 208 or MATH 217 and 219, MKT 309; choose two from ACC 303, 304, 313, 317; and 1 course (3 credits) of a department elective; liberal arts core by advisement.

#### ***Accounting (BS)***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** ECO 201, 202, 307; BUS 235, 338, 365; FIN 362; MKT 309; PSY 321 or 345; MATH 203 and 204 or MATH 207 and 208 or MATH 217 and 219. (With special permission, PHI 384 may replace BUS 338.)

ACC 203, 204, 303, 304, 313, 314, 317, 398 or 399, 421, 425; COM 200 or 350; and BUS 315.

**150 credit hour option;** contact department for information.

#### ***Business Administration (AS)***

(Associate of Science)

**GRADUATION REQUIREMENTS:** ACC 203 and 204 or ACC 205 and 206; BUS 235, 360; ECO 201, 202 (fulfills social science requirement); four department electives; COM 200 or 350, MATH 203 and 204 or MATH 207 and 208 or MATH 217 and 219; liberal arts core by advisement.

#### ***Business Administration with Business, Computers and Information Technology (BA)*** (Bachelor of Arts with K-12 Certification)

**GRADUATION REQUIREMENTS:** ACC 203, 204; BUS 235, 315, 345, 360, 365; CIS 105, 317; ECO 201, 202; FIN 362; INFO 214, 230; MATH 203 and 204 or MATH 207 and 208 or MATH 217 and 219; and MKT 309.

K-12 Certification course requirements include: EDU 201, 202, 203, 204, 290, 302, 310, 328, 330, 381, 384; one course (3 credits) ENG 200-level literature; MATH 109, 111 (those pursuing a concentration in Business, Computers and Information Technology may be required to take higher level mathematics courses); and PSY 324.

**\*Note: K-12 certification students major in the content area of their certification.** For specific Education Requirements: See [Education](#) Section of this catalog.

#### ***Business Leadership (BS)***

(Bachelor of Science)

(Accelerated Degree Program – CAPS Students Only)

**GRADUATION REQUIREMENTS:** An accelerated degree-completion program offered through College of Adult Professional Studies (CAPS) only, the program includes the following required courses: BUSL 308, 375, 377, 378, 393, 394, 395, 396; CCS 341; COM 355; ECO 323, 344; ENG 242; FIN 373; HRM 376; MKT 310; PHI 384; THE 335 or 381.

Requirements beyond program by advisement to complete required ACCEL® liberal arts core courses and electives as needed for a total of 126 credits

#### ***Business Management (BS)***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** ECO 201, 202, 307; BUS 235, 338, 365; FIN 362; MKT 309; PSY 321 or 345; MATH 203 and 204 or MATH 207 and 208 or MATH 217 and 219. (With special permission, PHI 384 may replace BUS 338.)

BUS 315, 327, 345, 360, 366, 398 or 399; COM 200, 350; ACC 203 and 204 or ACC 205 and 206; HRM 311; one department elective.

#### ***Finance (BS)***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** ECO 201, 202, 307; BUS 235, 338, 365; FIN 362; MKT 309; PSY 321 or 345; MATH 203 and 204 or MATH 207 and 208 or MATH 217 and 219. (With special permission, PHI 384 may replace BUS 338.)

ACC 203 and 204 or ACC 205 and 206; BUS 315, 327, 366; COM 200 or 350; FIN 306, 325, 363, 367, 398 or 399, and one elective (3 credits) selected from the following: FIN 368, FIN 370, FIN 372.

#### ***Human Resource Management (BS)***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** ECO 201, 202, 307; BUS 235, 338, 365; FIN 362; MKT 309; PSY 321 or 345; MATH 203 and 204 or MATH 207 and 208 or MATH 217 and 219. (With special permission, PHI 384 may replace BUS 338.)

ACC 203 and 204 or ACC 205 and 206; BUS 345, 360; BUS 315 or HRM 348; COM 200 or 350; HRM 311, 318, 344, 398 or 399, and two courses (6 credits) selected from the following: BUS 366, COM 217, FIN 367, HRM 335, HRM 336, HRM 347, PSY 217.

### **Marketing Management (BS)**

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** ECO 201, 202, 307; BUS 235, 338, 365; FIN 362; MKT 309; PSY 321 or 345; MATH 203 and 204 or MATH 207 and 208 or MATH 217 and 219. (With special permission, PHI 384 may replace BUS 338.)

ACC 203 and 204 or ACC 205 and 206; BUS 315, 327, 345, 360; COM 200 or 350; MKT 331, 359, 364, 398 or 399, and one course (3 credits) selected from the following: COM 217, MKT 350, MKT 351, MKT 352, MKT 354, MKT 355, MKT 357.

## **BUSINESS AND ACCOUNTING MINORS AND CERTIFICATES**

### **Accounting**

(Minor)

**GRADUATION REQUIREMENTS:** ACC 203, 204, 303, 304, 317; two courses (6 credits) chosen from ACC 305, 313, 334, 421, 425; ECO 201, 203

### **Business Administration**

(Minor)

**GRADUATION REQUIREMENTS:** ACC 201 or ACC 205 or ACC 203 and 204; BUS 360; ECO 203 or ECO 201 and 202; choice of four business electives (12 credits) from specified list (no more than one course from any of the following categories:

- Finance: FIN 306 or 362
- Marketing: MKT 309
- Human Resources: HRM 311 or 318 or BUS 366
- Law: BUS 315 or 348
- Global: BUS 345 or FIN 363 or CSS 340 or 341

### **Economics**

(Minor)

**GRADUATION REQUIREMENTS:** ECO 201, 202, 327, 328; two courses (6 credits) chosen from ECO 319, 320, 322, 380, 381, 386, 387, 389; FIN 306, 362

### **Entrepreneurship**

(Minor)

**GRADUATION REQUIREMENTS:** ACC 201 or ACC 205, BUS 324, 360, MKT 309; for non-business majors two courses (6 credits) chosen from BUS 315, 327, FIN 362, HRM 311; for business majors two courses (6 credits) chosen from COM 224, MKT 331, PSY 219, SOC 245

### **Finance**

(Minor)

**GRADUATION REQUIREMENTS:** ACC 203 and 204 or ACC 205 and 206; ECO 201, 202; FIN 362, two courses (6 credits)

chosen from: FIN 306, 325, 326, 363, 367, 368, 370, or 372

### **Human Resource Management**

(Minor)

**GRADUATION REQUIREMENTS:** BUS 338; HRM 311, HRM 318 or 344, HRM 348 or BUS 315; two courses (6 credits) chosen from: COM 305; BUS 320, 327; HRM 318, 335, 336, 347; PSY 219; SOC 245

### **International Business**

(Minor)

**GRADUATION REQUIREMENTS:** ACC 201; BUS 345, 360; CCS 340 or 341; ECO 203; two courses (6 credits) chosen from ECO 322, ECO 381, FREN 323, 336, 339, FIN 363, POL 206, SPAN 314, 232, 328, THE 314; non-department majors may also select from BUS 365, MKT 309, FIN 362

### **Management Information Systems**

(Minor)

**GRADUATION REQUIREMENTS:** BUS 327, 360, CIS 105, INFO 215; two courses (6 credits) chosen from: COM 200; BUS 340, CIS 218, 224, 326, 335; INFO 120, 230, 310, 404

### **Marketing**

(Minor)

**GRADUATION REQUIREMENTS:** MKT 309, 331, 364; three courses (9 credits) chosen from: COM 218, 239; FMD 328, 345; MKT 350, 351, 352, 354, 355, 357, 359

### **Management**

(Certificate)

**GRADUATION REQUIREMENTS:** ACC 201 or ACC 205; BUS 235, 315, 324, 360, 365, 366; COM 200 or 350; ECO 203; FIN 362; HRM 311; and MKT 309

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## **CYBERSECURITY DEGREE AND MINOR PROGRAM OUTCOMES:**

Through successfully completing courses in the Cybersecurity program, students will be able to:

- Research the latest cybersecurity trends regarding threats and countermeasures.
- Analyze cybersecurity practices and recognize how different practices are applicable for different organizations.
- Recognize the global threats to cyber systems and assess and describe the risks associated with an organization.
- Recommend cybersecurity measures and describe how to implement programs to safeguard organizations.
- Understand legal concepts and apply ethical models related to cybersecurity.
- Create policies and effectively lead change to improve cybersecurity in an organization.
- Identify how technology affects cybersecurity.

### ***Cybersecurity (BS)***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** Two Program Options:

- **Cybersecurity College of Adult Professional Studies (CAPS):** Designed as an accelerated degree-completion program offered through CAPS. Ideally, students entering the program will have already completed the prerequisite course work: CIS 105, 218, 224, CIS 317; INFO 120, and 230. (Note that these prerequisites may be completed concurrently, by advisement, as part of degree completion program.)

CAPS Cybersecurity degree completion program includes the following required courses: BUS 366; BUSL 378; CCS 341; CIS 335; CYB 301, 320, 325, 330, 350, 390; ENG 242; ORBH 315, 325; MATH 216; PHI 384; POL 312; SOC 247; and THE 381 or 335. Requirements beyond program by advisement to complete ACCEL<sup>®</sup> liberal arts core courses and electives as needed for a total of 126 credits.

- **Cybersecurity, College of Undergraduate Studies (CUS):** Required courses: BUS 366; CIS 105, 218, 224, 317, 335; CYB 301, 320, 325, 330, 350, 390; ENG 242; INFO 120, 125, 230, 405, 408, 420; MATH 216; POL 312; PSY 208; SOC 247

### **CYBERSECURITY**

(Minor)

**GRADUATION REQUIREMENTS:** CIS 105; CYB 301, 320; INFO 120; POL 312, and SOC 247.

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## **EMERGENCY PLANNING AND MANAGEMENT DEGREE**

### **PROGRAM OUTCOMES:**

Through successfully completing courses in the Emergency Planning and Management program, students will be able to:

- Demonstrate ability to research and analyze the rapidly-changing field of emergency management.
- Employ critical thinking and ethical problem-solving techniques in response to issues related to emergency management.
- Describe the various federal, state and local regulatory issues that impact all facets of emergency planning and management.
- Develop emergency response plans utilizing the National Response Framework and the Incident Command System.
- Evaluate the human dimension of emergency management and recommend how to properly respond in a range of situations.
- Employ leadership skills to successfully deal with both internal and external constituencies in the public safety environment.
- Utilize appropriate oral/written communication negotiation skills, and the ability to learn from the experience of others.

### ***Emergency Planning and Management (BS)***

(Bachelor of Science)

(Accelerated Degree Program – CAPS Students Only)

**GRADUATION REQUIREMENTS:** An accelerated degree-completion program offered through College of Adult Professional Studies (CAPS) only, includes the following required courses: BUS 366; BUSL 378; CCS 341; ENG 242; EPM 301, 303, 310, 312, 315, 350, 390; HRM 311; ORBH 315, 325; PHI 384; POL 354; and THE 381 or 335. Requirements beyond program by advisement to complete ACCEL<sup>®</sup> liberal arts core courses and electives as needed for a total of 126 credits

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## FASHION MERCHANDISING DEGREES

### PROGRAM VISION

The Fashion Merchandising Program at Immaculata University offers students both a creative and analytical curriculum, which contains industry-driven courses, taught by experts in the business of fashion, where the relationships between design, merchandising, and marketing are explored.

### PROGRAM OUTCOMES:

Upon completion of the fashion merchandising degree program, students will earn a Bachelor of Science degree and be able to:

- exhibit creative problem-solving, global awareness and technical aptitude.
- apply business knowledge, an aesthetic view point and comprehensive decision making within the fashion industry
- effectively communicate verbally and visually to merchandise, market and distribute product in a global marketplace
- demonstrate the ability to work independently and as part of a team;
- model principles of business ethics.

**PROGRESSION REQUIREMENTS:** The following are standards for retention in the program:

- a) Minimum GPA of 2.5 in major area; maintenance of at least a B- grade in every course in the minor sequence.
- b) A grade of C or better in Retail Math
- c) A presentation of a well-defined and realistic short and long term career goals during advising appointment first semester sophomore year.
- d) Evidence of ongoing fashion work experience including two fashion related work references due during advising appointment first semester sophomore year.

### *Fashion Merchandising (AS)*

(Associate of Science)

**GRADUATION REQUIREMENTS:** BIOL 113; FMD 101, 106, 126, 127, 309, 320, 324, 328, 334, 337, 339, and 345; MKT 309; and PHI 220. For liberal arts requirements either PSY 345 or ECO 203 is recommended for social sciences; COM 224 is recommended for humanities

### *Fashion Merchandising (BS)*

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** BIOL 113 (also fulfills natural science core requirement); BUS 360, 366; COM 250 or 350; FMD 101, 106, 126, 127, 309, 320, 324, 328, 334, 337, 338, 339, 345; MATH 205 (also fulfills math core requirement); and MKT 309. Additionally, the following courses are highly recommended to fulfill specific core requirements: BUS 338 (ethics); COM 224 (humanities); ECO 203 (social science); PHI 220 (philosophy); and THE 218 (second-level theology).

## FASHION MERCHANDISING MINORS

Fashion Merchandising students may also utilize available elective hours to pursue one or two minors related to their major. With the exception of the “Fashion Merchandising” minor below, options include:

### Buying

(Minor)

**GRADUATION REQUIREMENTS:** ACC 201; BUS 324, 345; FMD 328, 344; and one class (3 credits) from among the following: MKT 350, 351, 352, 354, or 355.

### Entrepreneurship

(Minor)

(see [Business and Accounting Minors](#))

### Fashion Merchandising

(Minor)

(for non-Fashion Merchandising majors)

**GRADUATION REQUIREMENTS:** FMD 126, 337; MATH 205; three courses (9 credits) from among the following: FMD 101, 106, 127, 206, 208, 209, 320, 321, 328, 344.

### Graphic Design for Fashion

(Minor)

**GRADUATION REQUIREMENTS:** ART 302; one class (3 credits) from ART 102, 200, 215, 218; FMD 208, 209, 320; and INFO 120 or 214.

### Marketing

(Minor)

(see [Business and Accounting Minors](#))

### Product Development

(Minor)

**GRADUATION REQUIREMENTS:** FMD 206, 207, 208, 209, 310, and 344.

### Public Relations and Journalism

(Minor)

(see [Communications Minors](#))

### Visual Merchandising

(Minor)

**GRADUATION REQUIREMENTS:** ART 211, 302, one class (3 credits) from ART 102, 200, 215, 218; FMD 209, 321, and 321.

careers in law and advocacy, management and personnel, social work, criminology, psychology and any of the allied medical/mental health fields.

The Civic Engagement faculty is committed to helping students select courses in other departments according to their interest and the goals of liberal arts education. The department will help and encourage majors to develop their skills of critical thinking, effective speaking, and clear writing.

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## **CIVIC ENGAGEMENT**

Frank Hartleroad, Department Chair

### **FACULTY**

Lisa Brown  
Frank Hartleroad  
John S. Hill  
William E. Watson  
Joshua Weikert

### **PROGRAMS OFFERED:**

#### **Degrees - Majors**

Bachelor of Arts (BA) in Criminology  
Bachelor of Arts (BA) in History  
Bachelor of Arts (BA) in Political Science and  
International Relations  
Bachelor of Arts (BA) in Social Studies (Secondary  
Education Certification)  
Bachelor of Arts (BA) in Sociology  
Bachelor of Arts (BA) in Social Work  
Bachelor of Arts (BA) in Spanish-Social Work  
  
Associate of Arts (AA) in History/Politics

#### **Minors**

American and Industrial Archeology  
Criminology  
History  
Legal Studies  
Middle East Studies  
Military History  
Politics  
Social Work  
Sociology

#### **Certificates**

Middle East Studies

### **VISION**

The Department of Civic Engagement provides programs that enabling students to develop a value based, service-oriented approach to their chosen field of endeavor. The Department offers a comprehensive selection of courses that incorporate Immaculata University's vision of caring, service, and integrity while providing academically challenging programs to a highly diverse student body. Each student has the opportunity to engage in a direct supervised experience working with people that is applicable to and complements

## **HISTORY-POLITICAL SCIENCE – INTERNATIONAL RELATIONS DEGREES PROGRAM VISION**

Programs in History, Political Science, and International Relations will foster an understanding of both the historical and political disciplines and the complexity of contemporary international and national issues. Faculty will help students to engage in research and interpretation, and to respond to the human condition in an informed manner through an appreciation of the influence of the many cultures that have contributed to the transmission of the human heritage. Through these programs, the faculty seek to prepare students for graduate study, law school, government service, and a wide range of other careers.

### **PROGRAM OUTCOMES:**

Upon completion of the programs in History, Political Science, and International Relations, students will be able to:

- utilize various types of historical sources, including primary documents; secondary interpretations, contemporary literature and art, and quantitative data;
- locate and reliably report on historical or political evidence, with the ability to evaluate the evidence in terms of credibility;
- compare and contrast the different interpretations offered by historians or political scientists in terms of questions asked and sources employed;
- evaluate the major debates within the academic disciplines of history and political science;
- construct a written historical narrative integrating original research with existing literature on the subject

### ***History/Politics (AA)***

(Associate of Arts)

**GRADUATION REQUIREMENTS:** HIST 311, 312; one course (3 credits) from HIST/ POL 335, 342, 345, 346, 347; and three courses (9 credits) in additional HIST electives.

### ***History (BA)***

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** HIST 115, 116, 207; two European courses (6 credits) from: HIST 219, 228, 231, 234, 235, 238, 304, or 360; 311-312; HIST 359; HIST/POL 371 (Junior Seminar); HIST/POL 415 (Senior Seminar); GEO 101; POL 201; and one course (3 credits) chosen from HIST/POL Third World history: 335, 342, 345, 346, or 347. THE 218 counts for required ethics course.

### ***Political Science and International Relations (BA)***

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** POL 201, 205, 233; POL 202 or 206; POL 203 or 319; POL 311 or 339; POL 317 or 318 or 338; HIST 359; HIST/POL 371 (Junior Seminar); HIST/POL 415 or POL 420 (Senior Seminar); GEO 101 (satisfies social science requirement in liberal arts core); and two courses (6 credits) in elective political science (POL) courses. THE 218 counts for required ethics course.

## ***Social Studies – Secondary Education (BA)***

(Bachelor of Arts – Secondary Education Certification)

**GRADUATION REQUIREMENTS:** HIST 115, 116, 207, 311, 312; choice of any two courses (6 credits) from European sequence HIST 219, 228, 231, 234, 235, 238, 304, or 360; 311, 312; one HIST elective; one course (3 credits) chosen from HIST/POL Third World history: 335, 342, 345, 346, or 347; HIST/POL 371 (Junior Seminar); HIST/POL 415 (Senior Seminar); and four courses (12 credits) from two of the following areas: Economics, Sociology, or Politics.

Secondary Certification course requirements include: EDU 201, 202, 203, 204, 290 or 291(H), 302, 310, 328, 330, 381, 384; one course (3 credits) ENG 200-level literature (ENG 272 recommended strongly for English 7-12 majors); and PSY 324.

**\*Note: Secondary certification students major in the certification content area.** For specific Education Requirements, see [Education](#) Section of this catalog.

## **HISTORY-POLITICAL SCIENCE – INTERNATIONAL RELATIONS MINORS AND CERTIFICATES**

### ***American and Industrial Archeology***

(Minor)

**GRADUATION REQUIREMENTS:** ARCH 201, 301, 302; SOC 353; HIST 200 or 220; and HIST 311 or 312.

### ***History***

(Minor)

**GRADUATION REQUIREMENTS:** HIST 311 or 312; one course (3 credits) from HIST 219, 228, 231, 234, 235, 236, 238, 304, or 360; one course (3 credits) from HIST 335, 342, 345, 346, 347; POL 201; GEO 101; and one elective course (3 credits) in history.

### ***Legal Studies***

(Minor)

**GRADUATION REQUIREMENTS:** PHI 209; POL 201, 338; one elective course from EDU 291, HIST 116, PHI 312, POL 204, 317, 318, SOC 245; one elective course from ACC 313, 314, BUS 315, 316, COM 308, ECO 389, HCM 340, HRM 348, POL 233, 319, 339, 352; and one elective course from COM 200, 250, 305, 350, 355, ENG 241, 242, HIST 371, HPM 312, 320, 390, POL 371, MATH 307.

### ***Middle East Studies***

(Minor)

**GRADUATION REQUIREMENTS:** HIST/POL 346; PHI 310 or THE 314; ARA 101,102; two courses (6 credits) of Middle Eastern Literature in translation (MES 200); and two courses (6 credits) from MES 200, 201, 301, 302, 303, 304, 305 or 306.

### ***Military History***

(Minor)

**GRADUATION REQUIREMENTS:** HIST 219, 228; POL 206; and three courses (9 credits) from ENG 275, HIST 205, 206, 224, 295, 296, POL 312, or MES 201.

## **Politics**

(Minor)

**GRADUATION REQUIREMENTS:** POL 201, 202 or 206, 203 or 319; and three elective courses (9 credits) in Politics.

## **Middle East Studies**

(Certificate)

**GRADUATION REQUIREMENTS:** HIST/POL 346, PHI 310 or THE 314, ARA 101, 102 or 6 credits of Middle Eastern Literature; 2 electives chosen from Middle East Studies courses.

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## **SOCIOLOGY-CRIMINOLOGY-SOCIAL WORK DEGREES**

### **PROGRAM OUTCOMES**

Upon successful completion of the courses and programs in sociology-criminology-social work, students will be able to:

- employ the basic conceptual tools, methods, and theories necessary to address social behavior, social groups and society;
- demonstrate ability to document a deepening awareness of society's needs and to exercise their commitment to social justice;
- evidence proficiency for working with diverse populations in the public or private sector;
- display skills in working with and helping people in the sociology, social work or criminology professions;
- exhibit a knowledge base appropriate for graduate study in sociology, social work, criminology and degree programs in other related fields.

### ***Criminology (BA)***

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** Sociology, Social Work, Spanish-Social Work, and Criminology majors take SOC 202 and SOC 321 to fulfill their social science core requirement.

Required program courses are as follows: SOC 249, 307, 312, 314, 317, 345, 348, 352, 354; PSY 208; and five courses (15 credits) chosen from among the following: SOC 213, 247, 248, 250, 255, 256, 258, 264, 267, 275, 343/346, 402/403, or 405. Criminology majors are encouraged to take SOC 343 and 346 as two of their electives.

### ***Social Work (BA)***

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** Sociology, Social Work, Spanish-Social Work, and Criminology majors take SOC 202 and SOC 321 to fulfill their social science core requirement. Required program courses are as follows: SOC 223, 245, 250, 251, 262, 275, 306, 312, 328, 343, 345, 346, 352, 354; and PSY 208.

### ***Sociology (BA)***

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** Sociology, Social Work, Spanish-Social Work, and Criminology majors take SOC 202 and SOC 321 to fulfill their social science core requirement. Required program courses are as follows: SOC 212, 230, 245, 246, 262, 270, 306, 312, 328, 345, 352, 353, 354; and PSY 208.

### ***Spanish-Social Work (BA)***

(Bachelor of Arts)

(Cross-listed with Arts, Languages and Letters Department)

**GRADUATION REQUIREMENTS:** Sociology, Social Work, Spanish-Social Work, and Criminology majors take SOC 202 and SOC 321 to fulfill their social science core requirement.

Required program courses are as follows: PSY 208; SOC 223, 245, 250 , 251, 262, 275, 306, 328, 343, 346; SPAN 201, 202, 304, 305,, 323, 328, and 332. PHI 312 or THE 218 should be taken to fulfill core ethics requirement. This track prepares the student for social work practice in the Spanish-speaking community. See listings under Global Languages and Cultures.

## **SOCIOLOGY-CRIMINOLOGY-SOCIAL WORK MINORS**

### **Criminology**

(Minor)

**GRADUATION REQUIREMENTS:** SOC 307, 312, 314, 317, and two courses (6 credits) from the following: SOC 213, 247, 248, 249, 250, 255, 256, 258 264, 267, 275, 345, 348, 402, 403 and 405.

### **Social Work**

(Minor)

**GRADUATION REQUIREMENTS:** SOC 202, 245, 306, 328, 343, 346.

### **Sociology**

(Minor)

**GRADUATION REQUIREMENTS:** SOC 202, 245, 312, 321; two courses (6 credits) chosen from the following: SOC 212, 223, 230, 246, 262, 270, 306, 307, 314, 328, 345, 353.

## EDUCATION

Melissa Reed, Division Chair

David Brennan, Undergraduate Education Program  
Director

### FACULTY

David W. Brennan  
Joseph J. Corabi  
Sister Carol Anne Couchara  
Christopher Harrington  
Patricia Madeira  
Melissa Reed  
Margaret Schooling  
Charles Stefanski  
Sister Marita Carmel  
Leah Bustraan (Certification Officer)

Sister Anne Marie Burton, Emerita  
Mary D. Calderone, Emerita  
Kathy Nolan, Emerita

### PROGRAMS OFFERED

#### Degree – Majors

Bachelor of Arts (BA) in Education:

- PreK-4 Certification\*
- Special Education (PreK-8) Certification with PreK-4 Certification\*

*\*May also be completed as post-baccalaureate certifications.*

Associate of Arts (AA) in Education

#### Certifications\*\*

K-12 certification in the following areas:

- Business, Computers and Information Technology
- Music Education
- Spanish

Secondary certification in the following areas:

- Biology
- Chemistry
- English
- Social Studies (History)

*\*\*May be pursued as full undergraduate degrees or as post-baccalaureate certifications.*

### EDUCATION PROGRAM/DIVISION VISION

The Education Division will foster academic excellence and professional preparation through practical and theoretical framework aligned with the Pennsylvania Department of Education competencies. Our outstanding faculty promote and support student achievement and preparation for global awareness by fostering academic rigor and the continued professional growth of our graduates. We are committed to our relationships with local education communities with which we partner. The Division of Education develops opportunities to apply 21st Century Learning Skills including technology, critical problem solving, and collaboration.

### EDUCATION PROGRAM OUTCOMES

Upon successful completion of the teacher education programs, students will be able to:

- demonstrate competence in teaching required in their field
- manifest knowledge of the integrity and dignity demanded within their profession
- evidence understanding of the obligations, responsibilities, and standards of the teaching profession
- exhibit skills responsive to the learning process for the individual student
- display ability to address educational issues in contemporary society
- ability to adapt educational knowledge, skills and abilities to a variety of industries, organizations, and communities outside of the traditional classroom environment.

## EDUCATION DEGREES

### FIELD EXPERIENCES AND STUDENT TEACHING

A fee is charged for EDU 201, EDU 202, and EDU 203. No refund is made to anyone who withdraws from a field experience after pre-registration has been completed.

#### EDU 201-202

During the sophomore year, students observe and participate in classroom settings for one morning each week. Students are placed in a different setting each semester.

#### EDU 203-204

During the junior year, students observe and participate in the classroom setting for one morning a week during the first semester. During the second semester students spend one day a week in the same classroom setting in which they will have their student teaching experience in the fall term of the senior year. This preliminary experience is guided and directed by the University staff in conjunction with the principals and teachers of the cooperating schools. Students are responsible for their own transportation.

#### EDU 328 or EDU 348 Student Teaching Experience

##### College of Undergraduate Studies (CUS) Students

The student teaching experience is scheduled for the first semester of senior year and is a full-time, daily experience for CUS students. Applications for student teaching must be made by the date designated prior to student teaching, which occurs fall semester of junior year for CUS students.

##### College of Adult Professional Studies (CAPS) Students

CAPS students may student teach either in the fall or spring. Students enrolled in the College of Adult Professional Studies (CAPS) must make their application for spring student teaching in early January and in early September for fall student teaching.

#### All Students

Students are responsible for their own transportation. Students spend full time in the schools during the time of student teaching. During this time the student teachers participate in a weekly seminar conducted by members of the University staff. Through lectures and discussions led by local school personnel, the prospective teachers are given the opportunity to become familiar with their professional obligations and benefits. Current trends in curricula and methods are considered and explained. A fee is charged for student teaching. No refund is made to anyone who withdraws from student teaching after pre-registration has been completed for this assignment.

### GENERAL REQUIREMENTS

The Pennsylvania Department of Education (PDE) has established requirements for certification to teach in Pennsylvania. To prepare candidates to meet these requirements, Immaculata University has developed criteria for formal admission to undergraduate teacher preparation programs leading to certification. Formal acceptance is conditional upon meeting and maintaining requirements throughout the degree program.

In October 2014, the Pennsylvania General Assembly enacted Act 168 (24 P.S. § 1-111.1). Specifically, Act 168 requires an assessment of basic skills to be completed by preparation candidates prior to entry into a Pennsylvania baccalaureate teacher preparation program. Students with 48 or more credit hours must achieve the following to be formally admitted to the program:

- Earn a minimum cumulative 3.0 GPA
- Meet Basic Skills Testing Requirement:
  - SAT Minimum Combined Score, for tests completed January 2016 or earlier, 1500: at least 500 per section in Critical Reading, Math, and Writing. For tests completed March 2016 or later, at least 560 in Evidence Based Reading and Writing and at least 530 in Math.
  - ACT Minimum Combined Score of 23: Scoring 22 on English/Writing and 21 on Math also applies
  - PAPA Composite Score of 663: Qualifying score per section of 220 each in Reading and Writing also applies
    - Effective immediately and retroactively, the PAPA and Core Academic Basic Skills passing score is:
      - 197 for the PAPA Basic Skills Mathematics (test 8002)
      - 142 for the CORE Academic Skills for Educators: Mathematics (test 5732)
    - PDE has recalculated the composite score for each series as follows:
      - 663 PAPA composite with a 174 minimum mathematics
      - 467 CORE Academic Skills composite with a 132 minimum mathematics. The other composite minimum scores remain unchanged.

Individuals who have not been formally admitted by the time they have earned 60 credits will not be permitted to continue in education majors. The following courses are restricted to those students who have fulfilled the above assessments of basic skills: EDU 203, 204, 310, 317, 318, 319, 320, 328, 348, 352, 355, 365, 366, 384, SPED 385, 386, 388, 389

In addition to specific standards of each certification area and the above PDE requirements, general initial admission criteria include:

- a) satisfactory completion of interview by the Teacher Education Committee;
- b) satisfactory completion of six semester hours in mathematics and six semester hours of English (composition and literature);
- c) completion of 30 hours of volunteer activities (CUS students only).

#### The following are standards for retention in the program:

- a) evidence of professional growth as demonstrated by successful completion of assigned field experiences;
- b) maintenance of at least a 3.0 average in major area;
- c) maintenance of at least a B- grade in every course in the professional sequence, and
- d) a 3.0 average in the professional sequence.

## CERTIFICATION REQUIREMENTS

To become eligible for PDE certification, an Immaculata University student shall:

- complete all Immaculata degree requirements while:
  - attaining a minimum cumulative GPA of 3.0;
  - maintaining at least a 3.0 average in the specific area of certification;
  - maintaining a grade of at least B- in every course taken in the professional course sequence with a 3.0 average;
  - attaining a grade of at least B for the student teaching experience;
  - attaining at least the criterion level of 3 (good) for each of the competency areas on the checklist of the professional course sequence;
- present evidence of having passed the [PDE-prescribed testing requirements](#) for the student's specific teaching certification program.

**PLEASE NOTE:** All professional educator programs must include the components of field experiences (or prior classroom experience equivalency) and student teaching. Field experiences are on-going throughout the program, aligned with coursework, infused in EDU 290, EDU 302, EDU 310, and EDU 384, and include varied experiences in diverse environments.

All certification candidates must complete nine (9) credits of special education and three (3) credits of teaching English Language Learners. All certification programs incorporate these credits in required courses.

All certifications (including courses requirements) are subject to change to comply with the most current Pennsylvania Department of Education regulations and requirements. At the time of application for certification, students must be in compliance with the most current University requirements as well as PDE requirements. Students seeking Pennsylvania state certification in any specialized area are required to complete all requirements for certification including state-mandated tests and to submit completed forms to the Certification Officer at Immaculata University.

## TEACHER CERTIFICATION

All teacher certification programs offered at Immaculata University are pending approval by the Pennsylvania Department of Education. Graduates who have successfully completed an approved program and have been recommended by Immaculata University are eligible for a Pennsylvania Certificate to teach. Students not recommended for certification may appeal through the Campus Review Committee. All College of Adult Professional Studies (CAPS) and transfer students seeking certification should contact their designated academic advisor. Immaculata University makes every effort to help a student prepare to teach in a state other than Pennsylvania. However, the student is responsible for ascertaining and completing the requirements of that state.

## Education (AA)

(Associate of Arts)

**GRADUATION REQUIREMENTS:** BIOL 106, COM 250, EDU 201, 202, 290 or 291(H), 302, 310, 331, 338, 345, 381; ENG 106, 107, 272 (fulfills one core humanities course); HIS 115 (fulfills one core humanities course); MATH 109, 111 (fulfills core math requirement); PSY 205 and SOC 306 (fulfills core social sciences requirement).

## Education (BA)

(Bachelor of Arts – PreK 4 Certification)

**GRADUATION REQUIREMENTS:** EDU 201, 202, 203, 204, 290 or 291(H), 302, 310, 317, 318, 319, 320, 331, 338, 345, 348, 352, 355, 365, 366, 381, 384; one course (3 credits) ENG 200-level literature (ENG 272 recommended); MATH 109, 111; PSY 205; and SOC 306.

## Education - Special Education (BA)

(Bachelor of Arts - PreK-8 Certification with PreK-4 certification)

**GRADUATION REQUIREMENTS:** EDU 201, 202, 203, 204, 290 or 291(H), 302, 310, 317, 318, 319, 320, 331, 338, 345, 348, 352, 355, 365, 366, 381; one course (3 credits) ENG 106, 107, ENG 272; MATH 109, 111; PSY 205; SOC 306; SPED 385, 386, 388, and 389.

## EDUCATION CERTIFICATIONS (w Majors in Other Departments)

### Education - K-12 Certification

(Certification + Degree\*)

**GRADUATION REQUIREMENTS:** K-12 certification\* is available for students in the following areas:

- Business, Computers and Information Technology
- Music Education
- Spanish

K-12 Certification course requirements include: EDU 201, 202, 203, 204, 290, 302, 310, 328, 330, 381, 384; one course (3 credits) ENG 200-level literature; MATH 109, 111 (those pursuing a concentration in Business, Computers and Information Technology may be required to take higher level mathematics courses); and PSY 324. Those pursuing concentration in Music Education are not required to take EDU 310, 330, and 381.

**\*Note:** K-12 certification students **major in the content area** of their certification.

### Education - Secondary Education Certification

(Certification + Degree\*\*)

**GRADUATION REQUIREMENTS:** Secondary Education Certification\*\* is available for students preparing to teach in a secondary school in the following areas:

- Biology (7-12)
- Chemistry (7-12)
- English (7-12)

- Social Studies (History) (7-12)

Secondary Certification course requirements include: EDU 201, 202, 203, 204, 290 or 291(H), 302, 310, 328, 330, 381, 384; ENG 271, plus one additional course (3 credits) ENG 200-level literature (ENG 272 recommended for English 7-12 majors); and PSY 324. In addition, students majoring in English or History must also take MATH 109 and 111.

**\*\*Note:** Secondary certification students **major in the certification content area.**

## POST BACCALAUREATE CERTIFICATION

### K-12 Education

(Certification ONLY)

**GRADUATION REQUIREMENTS:** Post-baccalaureate certification requirements for K-12 education include: EDU 201, 202, 203, 204, 290, 302, 310, 328, 330, 381, 384; and PSY 324

### Secondary Education

(Certification ONLY)

**GRADUATION REQUIREMENTS:** Post-baccalaureate certification requirements for secondary education include: EDU 201, 202, 203, 204, 290 or 291(H), 302, 310, 328, 330, 381, 384; and PSY 324.

## EDUCATION MINOR

### Education

(Minor)

**GRADUATION REQUIREMENTS:** EDU 201, 202, 290 or 291, 302, 331, 338, 345; PSY 205

## HEALTH, NUTRITION AND EXERCISE SCIENCES

Barbara Gallagher, Department Chair, Director – Exercise Sciences

Cecile Adkins, Director – Didactic Program in Dietetics

Danielle Kronmuller, Director – Dietetic Internship

Anne Marie McCauley, Director – Allied Health and Health Care Management

Kelly Stalker, Director – Athletic Training

### FACULTY

Cecile Adkins

Laurie DiRosa

Barbara Gallagher

Qian Jia

Danielle Kronmuller

Anne Marie McCauley

Michele Monaco

Kelly Stalker

Sister M. Carroll Isselmann, Emerita

### PROGRAM ACCREDITATION

The Didactic Program in Dietetics program is currently granted accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995. Phone: 312-899- 0040. The DPD program provides the academic preparation necessary for entering supervised practice, leading to eligibility to become an entry level registered dietitian nutritionist (RDN).

### PROGRAMS OFFERED

#### Degrees - Majors

Bachelor of Science in Allied Health (BS) with tracks in:

- Clinical Professionals
- Professional Health Sciences

Bachelor of Science in Allied Health (BS) – with partnership specializations\* in:

- Bioscience Technology
- Cardiac Electrophysiology

- Cardiovascular Invasive Specialty
- Diagnostic Medical Sonography
- Medical Dosimetry
- Medical (Clinical) Laboratory Sciences
- Nuclear Medicine Technology
- Pre-Pharmacy
- Radiation Therapy
- Radiography
- Radiologic(al) Sciences
- Respiratory Sciences
- Surgical Technology

*\*Please Note: not all specializations are available at all the partnership affiliations. Please consult the Allied Health Program Director prior to the start of enrolled first semester.*

Bachelor of Science (BS) in Exercise Science – Movement Science Track

Bachelor of Science (BS) in Exercise Science – Pre-Occupational/Pre- Physical Therapy Track

Bachelor of Science (BS) in Exercise Science – Pre-Physician Assistant Track

Bachelor of Science (BS) in Exercise Science – Sport Management Track

Bachelor of Science (BS) in Health Care Management (degree completion – for CAPS students only)

Bachelor of Science (BS) in Nutrition and Dietetics

Bachelor of Science/Master of Science (BS/MS) in Exercise Science – Occupational Therapy MSOT (Master of Science in Occupational Therapy) Program with Thomas Jefferson University (3 Years + 2 Years – Thomas Jefferson awards MS degree)

Bachelor of Science/Master of Science (BS/MS) Allied Health - Biologic Sciences Program with Thomas Jefferson (3 years + 2 years – Thomas Jefferson awards MS degree)

Bachelor of Science/Doctor of Pharmacology (BS/Pharm.D.) in Allied Health - Pharmacology (Pharm.D.) program with Thomas Jefferson (3 Years + 4 Years – Thomas Jefferson awards Pharm.D. degree)

#### Minors

Health Care Management

Movement Science

Nutrition

Pre-Physical Therapy

Sport Management

## ALLIED HEALTH DEGREES

### PROGRAM VISION

The programs in Allied Health strive to promote positive lifestyles for all students through education of the mind and body. The program recognizes the need to prepare students to become successful professionals by offering a variety of educational and practical opportunities. The program will ensure the needs of students and university are met by providing students with excellent academic experiences, hands-on practical experiences and internships.

### PROGRAM OUTCOMES:

Upon successful completion of the Allied Health curriculum at Immaculata, students will be able to:

- apply theories and principles of the liberal arts with content specific health care clinical and management situations;
- utilize critical thinking and problem-solving skills in the management of health care issues and the care of clients;
- identify and assess the spiritual, cultural, biological, psychological, social, and economic concepts of health/illness as it applies to health care consumers;
- evidence effective oral, written, and information technology skills when interacting with clients, health team members, healthcare organizations, and the public

Allied Health majors must also meet the specific outcomes associated with the areas of specialization as determined by the partner institutions.

### Pursuing a Major in Allied Health

While many programs may be flexible enough to accept students who choose a major by the end of freshman year, Allied Health students are encouraged to pursue their major as early possible in their studies at Immaculata because of the number of requirements which must be satisfied by the junior year.

Transfer students may be accepted into the major on a case by case basis. Because of the limitations in specialization placements, no guarantee can be made for choice of specialization.

Students interested in the major are encouraged to become informed about the curriculum and to contact the Allied Health Program Director.

### PROGRESSION REQUIREMENTS

To remain in the major, students must maintain an overall GPA of 2.33 (C+) and a minimum of 2.33 (C+) in all mathematics, natural science and department courses. Students are encouraged to review specific admissions criteria for the certification/specialization area they plan to pursue.

### Allied Health (BS)

(Bachelor of Science)

(IU + Partner Institution: 3 years + 1 to 2+ years, program dependent)

**GRADUATION REQUIREMENTS:** AHS 100, 200, 300; BIOL 208, 209, 210; CHE 101, 102, 201, 202\*; HCM 120, 201, 421; INFO 104; MATH 203 and 204 or MATH 207 and 208\* (meets math requirement); PHY 152 and 153 or PHY 203 and 204; PSY 101, 208; SPAN 150, 152; and THE 218.

\* Clinical (Medical) Laboratory Science has different requirements for Chemistry: (CHE 103, 104, 202, 211, and 212) and Mathematics (MATH 207 and 208 or MATH 301 and 302). Also, Radiologic Science tracks may require MATH 301 and 302.

### Selection of Allied Health Specialization

Students are encouraged to make an initial selection of specialization at the time they begin their study in the major. Selection of specialization is subject to the approval of the Allied Health Program Director, as are any changes in specialization. Students must meet application criteria for the site and certification/specialization area for which they are applying.

Programs of specialization within the Allied Health major include:

- Bioscience Technology
- Cardiac Electrophysiology
- Cardiovascular Invasive Specialty
- Diagnostic Medical Sonography
- Medical Dosimetry
- Medical (Clinical) Laboratory Sciences
- Nuclear Medicine Technology
- Pre-Pharmacy
- Radiation Therapy
- Radiography
- Radiologic(al) Sciences
- Respiratory Sciences
- Surgical Technology

In addition, advanced training in CT and MRI is available at affiliated institutions.

### PARTNER INSTITUTIONS:

- **Bucks County Community College** offers a clinical program in Radiography.
- **The Johns Hopkins University Schools of Medical Imaging** offers clinical programs in Radiography, Nuclear Medicine Technology, and Diagnostic Medical Sonography.
- **Pennsylvania College of Health Sciences (PCHS)** offers a clinical program in Radiologic Technology, Diagnostic Medical Sonography, Nuclear Medicine, Cardiovascular Invasive Specialty, Cardiac Electrophysiology, Respiratory Therapy, Surgical Technology and Clinical (Medical) Laboratory Sciences.
- **Thomas Jefferson University** offers clinical programs in Radiological Sciences, which includes Radiologic Technician, Diagnostic Medical Radiation Therapy, Medical Dosimetry, Nuclear Medicine, and Cardiovascular Invasive Technology.
- **Widener University** offers clinical programs in Diagnostic Medical Sonography and Radiology Technology through the Crozer-Chester Medical Center.

At the conclusion of the third year of study at Immaculata, the allied health student will transfer to a selected partner school program for study in the clinical field. After successfully completing the first year of study at the partner institution, a minimum of 30 credits will be transferred back to Immaculata University and the student will be awarded a BS in Allied Health Science from Immaculata University.

***Allied Health - Biologic Sciences (BS-MS)***  
(Bachelor of Science – IU & Master of Science - TJU)  
(IU + Thomas Jefferson University: 3 years + 2 years)

**GRADUATION REQUIREMENTS:** AHS 100, 200, 300; BIOL 208, 209, 210; CHE 103, 104, 202, 211, 212; HCM 120, 201, 421 (meets ethics requirement); INFO 104; MATH 207 and 208 or 301 and 302; PHY 203, 204; PSY 101, 208 (meets social sciences requirement); SPAN 150, 152 (meets foreign language requirement); and THE 218.

**PARTNERSHIP REQUIREMENTS**

A program in **Bioscience Technology** leading to a **Master's in Bioscience Technologies (MS) (3 Years + 2 Years)**

This option includes Biotechnology, Cytotechnology, and Medical Laboratory Sciences. Students in the Bioscience Technology Program complete the specified program requirements at Immaculata before moving to Thomas Jefferson's program to complete a total of two (2) years of study at Jefferson. After year one, a minimum of 30 credits are transferred back to Immaculata University in order to grant the BS Degree for Immaculata University. After year two, all credits earned at Thomas Jefferson are applied to the Master of Science (MS) degree in Bioscience Technologies granted by Thomas Jefferson University.

***Allied Health - Pharmacology (BS-Pharm.D.)***  
(Bachelor of Science – IU & Pharm.D. - TJU)

(IU + Thomas Jefferson University: 3 Years + 4 Years)

**GRADUATION REQUIREMENTS:** AHS 100, 200, 300; BIO 209, 210, 233, 234, 323; CHE 103, 104, 211, 212; HCM 201, 421 (meets ethics requirement); INFO 104; MATH 207 and 208 or 301 and 302; PHY 203, 204; PSY 101, 208 (meets social science requirements); SPAN 150, 152 (meets foreign language requirement); and THE 218.

**PARTNERSHIP REQUIREMENTS**

A program in Pre-Pharmacy leading to a Doctorate in Pharmacy (Pharm.D.) (3 Years + 4 Years):

Students complete the specified program requirements at Immaculata before moving to Thomas Jefferson's program to complete a total of four (4) years of study at Jefferson. After year one, a minimum of 30 credits are transferred back to Immaculata in order to grant the BS Degree for Immaculata University. After four years, all credits earned at Thomas Jefferson are applied to the Pharm.D. (Doctor of Pharmacology) degree granted by Thomas Jefferson University.

Before acceptance at Thomas Jefferson University for the Pharm.D. program, students must have completed PCAT examinations per Jefferson's application requirements.

***Allied Health Science (BS) - Clinical Professionals Track***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** HCM 302, 321, 326, and 421 OR 340 (meets ethics requirement); INFO 104; MATH 217; ORBH 315, 325, 395; SPAN 150, 152 (meets foreign language requirement); and six credits (2 courses) in laboratory science.

**CLINICAL PROFESSIONALS OVERVIEW**

For students who have completed a clinical training program at a community college or an accredited training program, this track provides a collaborative transfer/advanced placement option to completion of a baccalaureate degree. Applicants seeking admission to this track must have the equivalent of 30 academic credits within an allied health clinical field. Credits must be completed at a regionally-accredited institution or a program approved by the American Council on Education. Additionally, when a state or national exam is required to practice in the clinical field, the applicant must provide documentation of successful completion of the required exam. Applicants seeking admission to the B.S. in Allied Health Science Clinical Professionals track must be practicing clinicians, documented in a current resume, or have completed their training programs within 5 years of application for admission.

***Allied Health (BS) - Professional Health Sciences Track***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** AHS 404, BIOL 209, 210, one course (3-4 credits) in CHE; HCM 302, 321; PSY 101, 208; two courses (7-8 credits) from BIOL 104, 204, 205, 207, 208, 233, 234, 335, PHY 152, 153, 203, or 204; and three courses (9 credits) in AHS, ATEP, EXS, FNU, HCM, or NUR (Note that these courses may not count elsewhere, and all 9 credits must be completed in the same area of study/discipline – e.g. 9 credits in HCM or 9 credits in NUR).

**PROFESSIONAL HEALTH SCIENCES OVERVIEW**

The goal of this program is to guide students with a well-rounded background in health sciences through a culminating program of coursework that will provide broad information across health-related disciplines, allowing such students to apply most of their professional or pre-professional degree course credits to this track. Graduates from this program should be suited to work in a variety of health-related venues (hospitals, medical centers, pharmaceutical firms, long-term care facilities, health insurance companies, physician's offices).

At the conclusion of the third year of study at Immaculata, the allied health student will transfer to a selected partner school program for study in the clinical field. After successfully completing the first year of study at the partner institution, a minimum of 30 credits will be transferred back to Immaculata University and the student will be awarded a BS in Allied Health Science from Immaculata University.

## EXERCISE SCIENCES DEGREES

### PROGRAM VISION

The programs in Exercise Sciences strive to promote positive lifestyles for all students through education of the mind and body. The program recognizes the need to prepare students to become successful professionals by offering a variety of educational and practical opportunities. The program will ensure the needs of students and university are met by providing students with excellent academic experiences, hands-on practical experiences and internships.

### PROGRAM OUTCOMES

Upon completion of the Exercise Science curriculum, students will be able to:

- effectively communicate issues which relate to health, fitness, and sport performance;
- demonstrate an ability to design and implement fitness, rehabilitative and sport programs for the general and athletic populations;
- critically analyze concepts of the basic sciences, nutrition, and psychology related to human movement;
- demonstrate health and safety techniques in the prevention of injuries in the sport and fitness setting;
- exhibit professional behaviors through practical experiences in the field of exercise science

### PROGRESSION REQUIREMENTS – ALL EXS MAJORS

Students in **any exercise science track** must successfully complete EXS 201 or an equivalent with a minimum of a 'C' to continue in the major.

#### ***Exercise Science (BS) – Movement Science Track***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** BIOL 209, 210; CHE 100; EXS 201, 204, 301, 302, 303, 304, 305, 310, 403, 405, 406, 407, 408, two courses (6 credits) in EXS core; FNU 208, 317; HCM 201; MATH 203 and 204 or 207 and 208 or 301 and 302; PHY 152; PSY 101, 208, 324, and 250 or 357. EXS 201 will meet the liberal arts Exercise Science core requirement for graduation.

#### ***Exercise Science (BS) - Pre-Physical Therapy/Pre-Occupational Therapy Track***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** BIOL 209, 210, 233, 234, 323; CHE 103, 104; EXS 201, 301, 302, 303, 305, 310, 403, one course (3 credits) in EXS core; FNU 208; HCM 201; MATH 207 and 208 or 301 and 302; PHY 152 and 153 or 203 and 204; PSY 101, 208, 324, one elective course (3 credits) in PSY; SOC 202 or 345 or 353. EXS 201 will meet the liberal arts Exercise Science core requirement for graduation.

### PROGRESSION REQUIREMENTS - Pre PT/OT

Students preparing for careers in physical therapy or occupational therapy must maintain a high degree of academic excellence to be considered for the competitive graduate school process. Therefore, once accepted into the program, students in the Pre-Physical Therapy track must earn a 'C' or above in all department and science courses (BIOL, CHE, MATH, and

PHY). Students in the Pre-Occupational Therapy track must earn a 'C' or above in all department and social science courses (PSY and SOC). Students earning below a 'C' in any of these courses must successfully re-take the course in order to remain in the major.

### PARTNERSHIP REQUIREMENTS

Additional Requirements for Acceptance to Thomas Jefferson Program in Occupational Therapy are available below; see specific details under "Exercise Science (BS) – Occupational Therapy (MSOT)".

#### ***Exercise Science (BS) – Pre-Physician Assistant Track***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** BIOL 209, 210, 233, 234, 323; CHE 103, 104, 201 and 202 or 211 and 212; EXS 201, 204, 210, 302, 303, 403, two courses (6 credits) in EXS core; HCM 201; MATH 207 and 208 or 301 and 302; PHY 203, 204; PSY 208, 324. EXS 201 will meet the liberal arts Exercise Science core requirement for graduation.

### PROGRESSION REQUIREMENTS - Pre-PA

Students preparing for careers in the health sciences should maintain a high degree of academic excellence to be considered for the competitive graduate school process. Students in this program should earn a 'C' or above in all department, science and social sciences courses. Students earning below a 'C' in any of these courses should successfully re-take the course in order to be considered for post-graduate studies.

#### ***Exercise Science (BS) – Sport Management Track***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** ACC 201; BIOL 202; BUS 320, 315 or 338, 366, and one course (3 credits) in BUS; CHE 100; ECO 203; EXS 201, 202, 301, 302, 306, 307, 310, 403; FNU 208, 317; HRM 311; one course (3 credits) in MATH beyond core requirement; MKT 309; and PSY 250 or 357. EXS 201 will meet the liberal arts Exercise Science core requirement for graduation.

#### ***Exercise Science (BS) – Occupational Therapy (MSOT)***

(Bachelor of Science-IU & Master of Science in Occupational Therapy, TJU)

(IU + Thomas Jefferson University 3 Years + 2 Years)

**GRADUATION REQUIREMENTS:** BIOL 209, 210; EXS 201, 301, 302, 303, 404; FNU 208; HCM 201; MATH 203 and 204 or 207 and 208; PSY 208, 320, 324; SOC 202, 328, and one course (3 credits) from SOC 245, 262, 263, 306, 345, or 353. EXS 201 will meet the liberal arts Exercise Science core requirement for graduation. At the conclusion of the third year of study at Immaculata, the student will transfer to Thomas Jefferson University School of Health Professions (TJU) for an additional two and one half years of study. After successfully completing the first year of study at TJU, a minimum of 30 credits will be transferred back to Immaculata, and the student will be awarded a B.S. from Immaculata in Exercise Science.

\*Note: the following courses must be completed at Immaculata University in order to obtain an exercise science degree from Immaculata: EXS 310 and EXS 403.

### PROGRESSION REQUIREMENTS - MSOT

Students preparing for careers in physical therapy or occupational therapy must maintain a high degree of academic excellence to be considered for the competitive graduate school process. Therefore, once accepted into the program, students in the Pre-Physical Therapy track must earn a 'C' or above in all department and science courses (BIOL, CHE, MATH, and PHY). Students in the Pre-Occupational Therapy track must earn a 'C' or above in all department and social science courses (PSY and SOC). Students earning below a 'C' in any of these courses must successfully re-take the course in order to remain in the major.

### PARTNERSHIP REQUIREMENTS

Additional Requirements for Acceptance to Thomas Jefferson Program in Occupational Therapy

In addition to the Immaculata University admission requirements, the affiliation program with Thomas Jefferson University requires students to have a cumulative high school GPA of 3.3 or higher, SAT scores of 1270 or higher Evidence-Based Reading and Writing + Math (ERW+M) OR ACT score of 26 or higher, and a minimum of 25 hours of volunteer/observation in an occupational therapy setting. Students must acknowledge interest in this program on their initial application to Immaculata and be accepted to the program through a supplemental application and interview with Thomas Jefferson University. Consistent with Thomas Jefferson College of Health Professions, students in the occupational therapy program must complete an additional 50 hours of clinical observation in two different settings, maintain a cumulative GPA of 3.3 and earn a 'B' in all pre-requisite courses; in addition, students must maintain a 3.0 science GPA.

## EXERCISE SCIENCES MINORS

### Movement Science

(Minor)

**GRADUATION REQUIREMENTS:** EXS 201, 302, 303; and three courses (9 credits) chosen from EXS 202, 301, 304, 305, 308, 309, 310, 406.

### Pre-Physical Therapy

(Minor)

**GRADUATION REQUIREMENTS:** Prerequisites: Biology major or special permission of the department; BIOL 209-210 (or BIOL 232 and BIOL 304); BIOL 335 or FNU 317; CHE 103, 104; PHY 203, 204. Requirements: EXS 301, 302, 303, 304, 305, and 310.

### Sport Management

(Minor)

**GRADUATION REQUIREMENTS:** Prerequisite: Business Administration Major or permission of department. Requirements: BUS 320 or 324, 338; EXS 202 or 301, 306, 307, and 310.

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## HEALTH CARE MANAGEMENT DEGREE AND MINOR

### PROGRAM OUTCOMES:

Upon completion of the Health Care Management program, students will be able to:

- lead and manage human resource and healthcare professionals in multifaceted and diverse organizational environments.
- use various information technologies to access and manage healthcare information in a variety of healthcare settings.
- conduct financial management processes for budgetary operations at various levels within a healthcare operation.
- lead and manage organizational effectiveness and identify and promote organizational and clinical virtues.
- analyze the health status of various populations served by healthcare organizations and be able to identify and address service needs.
- identify legal, regulatory and ethical considerations of the United States healthcare delivery system and how they affect providers, policies, and payments in a variety of social environments.
- understand the qualities of the qualitative and quantitative factors involved in the management of healthcare delivery and healthcare outcomes in the United States.
- effectively communicate with internal and external stakeholders involved within a healthcare organization.
- utilize information and organizational knowledge to identify and create effective outcomes that deal with strategic, tactical, and operational issues in the management of healthcare operations
- understand the complexities of the United States Healthcare system, including factors that influence healthcare outcomes, delivery modalities, performance, and growth in healthcare resources.

### Health Care Management (BS)

(Bachelor of Science)

(Accelerated Degree Program – CAPS Students Only)

**GRADUATION REQUIREMENTS** The BS in Health Care Management is an accelerated degree completion program for the working adult (available to students in CAPS only) and includes the following program requirements: BUSL 378; CCS 341; COM 355; ENG 242; HCM 201, 302, 306, 311, 314, 315, 321, 326, 340; ORBH 315, 325, 395; PHI 384; and THE 381 or 335. Requirements beyond ACCEL® program by advisement to complete liberal arts core courses and electives as needed for a total of 126 credits.

### Health Care Management

(Minor)

**GRADUATION REQUIREMENTS:** HCM 120, 201, 302, 321, 326, 340, 421, and one elective course from HCM 306, 311, or 314

## NUTRITION AND DIETETICS DEGREES AND MINOR PROGRAM MISSION

The mission of the Didactic Program in Nutrition and Dietetics at Immaculata University is to provide educational excellence that prepares graduates for supervised practice, leading them to be eligible for the Commission on Dietetic Registration (CDR) credentialing exam to become registered dietitian nutritionists. The Didactic Program also strives to promote a lifelong appreciation for the attributes of a liberal arts education beyond graduation, encompassing ethical integrity, service, justice, and peace.

### PROGRAM GOALS AND OBJECTIVES

To accomplish this mission, the Didactic Program in Nutrition and Dietetics has the following goals:

**Goal #1** – Students who graduate will be well prepared in the field of nutrition and dietetics, demonstrating logical and critical thought, independent study, and integration of knowledge.

**Objective #1:** 80% of enrolled students will complete the degree requirements within 6 years (150% of program length).

**Goal #2** – Students who graduate will have experiential learning that enhances their preparation for supervised practice.

**Objective #1:** 90% of program graduates are expected to apply for admission to a supervised practice program within 12 months of graduation.

**Objective #2:** 70% of program graduates who apply for admission to a supervised practice program are expected to be admitted within 12 months of graduation.

**Objective #3:** 80% of graduates over a five-year period who have completed the supervised practice program and take the exam will pass the CDR credentialing exam for dietitian nutritionists within one year following the first attempt.

**Objective #4:** 80% of supervised practice program directors will indicate satisfaction with graduate's preparation for supervised practice.

**Goal #3** – Students who graduate will be prepared to communicate ideas effectively in a multicultural society, while respecting diversity, exhibiting personal integrity, and displaying ethical conduct.

**Objective #1:** 90% of students will successfully complete practicum experience across diverse settings.

## *Nutrition and Dietetics (BS)* (Bachelor of Science)

The courses in this program are adapted to meet the requirements of The Academy of Nutrition and Dietetics (ACEND) by means of the accredited Didactic Program in Dietetics\*.

**GRADUATION REQUIREMENTS:** BIOL 204, 205, 209, 210; CHE 101, 102, 201, 202; ECO 201 or 202 or 203; FNU 109, 206, 208, 212, 220, 305, 310, 320, 322, 325, 326, 353, 357, 358, 359, 362, 370, 372; and one of the following: PSY 101 or 324 or SOC 202.

\*For those students who have a baccalaureate degree, the program can be completed without earning an additional degree. Courses required will vary based on transcript evaluation. It may be possible to take some courses at the graduate as well as undergraduate levels. (A minimum of 6 credits must be taken at Immaculata University including one semester of Medical Nutrition Therapy at the graduate or undergraduate level.)

### PROGRESSION REQUIREMENTS

Undergraduate students in the Nutrition and Dietetics program are required to have a minimum overall GPA of 2.6 and earn a minimum grade of B- in all FNU courses to graduate and receive the Verification Statement. This document is required to apply for a dietetic internship to become a registered dietitian or to be eligible to take the exam to be a Nutrition and Dietetics Technician, Registered (NDTR).

Transfer students must meet the same GPA, grade, and course requirements as all other Nutrition and Dietetic majors. Transfer students are required to complete a minimum of 12 credits at Immaculata University to be able to complete the DPD program and receive the Verification Statement.

Students that meet the minimum GPA requirement but have earned lower than a B- in any FNU course(s) must repeat the course(s) before graduation and earn the minimum grade requirement of B- to receive a Verification Statement. If a student does not meet the minimum overall GPA of 2.6, and/or does not meet the minimum grade requirement of B- in all FNU courses, they may still graduate but will not earn a Verification Statement.

\*For those students who have a baccalaureate degree, regardless of the area of study, the DPD program can be completed without earning an additional degree. Courses required will vary based on transcript evaluation by the academic advisor.

## **Nutrition** (Minor)

**GRADUATION REQUIREMENTS:** FNU 109, 208, 220; one course (three credits) from among the following: FNU 200, 212, 315, 317.

## MUSIC

William Carr, Steinway Artist, Department Chair  
Program Director – Music

Corey Olver, Program Director – Music Therapy

### FACULTY

Daniel Benonis  
William Carr  
Sister Kathleen C. Doult  
Joseph Gehring  
Corey Olver

Sister Regina Foy, Emerita

### PROGRAM ACCREDITATION/APPROVAL

- Immaculata University is accredited by the National Association of Schools of Music (NASM) (all music programs).
- The Music Therapy program is approved by the American Music Therapy Association (AMTA) and the Certification Board for Music Therapists (CBMT).
- The Music Education program is in compliance with the Pennsylvania Department of Education (PDE).

### PROGRAMS OFFERED

#### Degrees - Majors

Bachelor of Arts (BA) in Music  
Bachelor of Music (BMus) in Music Education (with K-12 Certification)  
Bachelor of Music (BMus) in Music Therapy

#### Minor

Music

### MUSIC DEPARTMENT VISION

The Immaculata University Music Department is committed to developing an understanding and appreciation of the power and place of music in students' lives and throughout the world. By maintaining music as a primary discipline among the liberal arts, by preparing students to recognize and experience the power of music

to teach, heal, and worship students will enrich their own lives and those of all people by promoting the art of music as a spiritual and cultural force in society.

### MUSIC PROGRAM OUTCOMES

Upon successful completion of the Music Department programs, students will be able to demonstrate:

- the ability to foster an environment for the musical arts within the community;
  - a broad awareness of the historical, cultural, aesthetic, psychological, and applied qualities of music as a discipline among the liberal arts;
  - integrated knowledge of music theory, music history, and music performance
  - theoretical and clinical knowledge and skills integral to service in the fields of music therapy and music education;
  - aesthetic and technical knowledge integral to music performance;
  - knowledge of music technology specific to educational, therapeutic, and compositional practices;
  - professional competence in both music and music-related fields.
-

## MUSIC DEGREES

### REQUIREMENTS FOR ENTRY INTO MUSIC MAJORS

In addition to all other admission requirements for the university, all students wishing to study in any of the music majors must demonstrate sufficient aptitude through a comprehensive music audition and interview.

### REQUIREMENTS FOR CONTINUATION IN MUSIC MAJORS

Students majoring in Music must earn at least a grade of C- or higher at Immaculata University in all required MUSC and MUA courses. In accordance with current university policy, grades from all transfer music courses must be a C or higher. Students earning lower than a grade of C- in any MUSC or MUA course or lower than a grade of C in any MTR course must repeat that course until a higher grade is earned in that course.

Students must maintain a cumulative GPA of 2.00, which permits them to maintain satisfactory academic progress as stated in the Academic Life section of this catalog. Students who are on academic probation for 2 semesters without achieving a GPA of 2.00 in the second semester may not continue in the music program. At the completion of sophomore year (four semesters) all music majors will be assessed qualitatively and quantitatively in CORE music courses according to NASM standards.

#### Ensemble Participation

- Voice, piano and guitar majors participate in MUSC 180 Chorale a minimum of four semesters (2 credits).
- String, wind and percussion majors participate in MUSC 180 Chorale a minimum of two semesters (1 credit), ideally during the freshman year.
- String majors participate in MUSC 185 Symphony Orchestra (participation by audition) a minimum of two semesters (1 credit).
- Wind and percussion majors participate in MUSC 188 Concert Band a minimum of two semesters (1 credit).

**All music majors take a minimum of two semesters (1 credit) of a small ensemble.**

**Exception:** Music Education majors and B.A. students adding the performance emphasis must take an additional two semesters (1 credit) of the appropriate large ensemble.

#### Music Convocation (MUSC 090)

All music majors must enroll in and pass Music Convocation the required number of semesters based on major.

- B.A. in Music = 7 semesters
- B.Mus. in Music Education = 6 semesters
- B.Mus. in Music Therapy = 4 semesters

#### Applied Lessons (MUA)

- B.A. Music majors and Music Education majors must enroll in 60-minute applied lessons in the major performance area a minimum of eight semesters.
- Music Therapy majors must enroll in 60-minute applied lessons in the major performance area a minimum of six semesters.

#### Proficiency Exams

- **Piano Proficiency Exam (PPE): All Music Majors** must pass a Piano Proficiency Exam (MUSC 333) before graduation. This exam may be taken in sections at different times or it may be completed all in one session. The four semester piano lab sequence is designed to enable students to fulfill this requirement. It is advisable that the PPE should begin in Junior year and be completed by Senior year in order to graduate.
- **Guitar Proficiency Exam (GPE):** The Pennsylvania Department of Education (PDE) requires that **all music certification candidates** demonstrate functional performance skills in acoustic guitar. In accordance with this requirement, all Music Education majors must pass the guitar proficiency exam (MUSC 334) by the end of senior year in order to graduate. MUSC 117 (Guitar Class) is designed to enable students to fulfill this requirement.
- **Music Skills Proficiency Exams: All music therapy majors** must pass three music skills evaluations during their degree program (MTR104, 105, 106). Exams are scheduled in sophomore, junior and senior years. Competence must be demonstrated on guitar, piano and voice. Students may not enroll in internship (MTR400) until passing all music skills proficiency evaluations. Further details of specific exam requirements can be found in the undergraduate Music Therapy Handbook.

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### Music (BA)

#### (Bachelor of Arts)

**GRADUATION REQUIREMENTS:** Arts and Sciences Core program

MUSC 090, 118, 130, 131, 132, 133, 135, 136, 140, 230, 231, 232, 233, 235, 236, 239, 317, 333, 341, 342, 344, 441; large (primary) and small (secondary) ensembles, and applied lessons (MUA). (See below for specific requirements for ensembles and applied lessons.)

MUSC, 242 or 321. Note: Only 9 elective credits may be MUSC, MUA or MTR prefixes. Total hours: 130.

Bachelor of Arts students may choose a **performance emphasis** with department approval. Courses required for the performance emphasis include: 2 classes (1 credit) in MUSC 180-198, 105 or 106, 306, 307 or 308, 332, and six classes (6 credits) in 404. Note: All courses beyond the music core and performance emphasis must be outside music. Total hours: 130.

See “**REQUIREMENTS FOR CONTINUATION IN MUSIC MAJORS**” section for details regarding Ensemble participation, music convocation, applied lessons, and piano proficiency examination requirements for the program.

### **Music Education (B.Mus.)**

(Bachelor of Music– K-12 Certification)

#### **MUSIC EDUCATION PROGRAM OUTCOMES**

Graduates of the Immaculata University Bachelor of Music in Music Education program will demonstrate:

- Musical, pedagogical, organizational and creative competence needed to teach K-12 music in an exemplary manner
- Artistry in performance on at least one primary instrument
- Habits that foster lifetime musical development and involvement
- Professional activity that includes ongoing membership in State and national music education organizations, specifically the Pennsylvania Music Educators Association (PMEA) and the National Association for Music Education (NAfME)
- Initiative as advocates for music education and performance programs and spokespersons for the essential place of music in contemporary culture

**GRADUATION REQUIREMENTS:** Professional Studies Core program

MUSC 090, 118, 130, 131, 132, 133, 135, 136, 140, 230, 231, 232, 233, 235, 236, 239, 317, 333, 341, 342, 344, 441; large (primary) and small (secondary) ensembles, and applied lessons (MUA). (See below for specific requirements for ensembles and applied lessons.)

MUSC 105 or 106, 107, 108, 207, 208, 306, 313, 314, 315, 321, 334, 391. For Education **Department K-12 certification and related requirements**, see the [Education](#) section of this catalog. Total hours: 143

Bachelor of Arts students may choose a performance emphasis with department approval. Courses required for the performance emphasis include: 2 classes (1 credit) in MUSC 180-198, 105 or 106, 306, 307 or 308, 332, and six classes (6 credits) in 404. Note: All courses beyond the music core and performance emphasis must be outside music. Total hours: 135-140.

See “**REQUIREMENTS FOR CONTINUATION IN MUSIC MAJORS**” section for details regarding Ensemble participation, music convocation, applied lessons, and proficiency examination requirements for the program.

### **Music Therapy (B.Mus.)**

(Bachelor of Music)

#### **MUSIC THERAPY PROGRAM OUTCOMES**

Graduates of the Immaculata University Bachelor of Music in Music Therapy program will:

- Demonstrate an understanding and implementation of the principles and methods of music therapy assessment, treatment, evaluation, and termination for the populations specified in the American Music Therapy Association (AMTA) Professional Competencies
- Identify and assess clients’ therapeutic needs and develop treatment goals to meet these needs taking into account each client’s culture and its impact on therapeutic expectations and process.
- Design and implement music therapy experiences using the four methods of music therapy to address clients’ therapeutic needs across various clinical settings.
- Competently and expressively create live music experiences with keyboard, guitar, and voice using a large variety of repertoire to meet clients’ therapeutic needs.
- Complete appropriate documentation of client responses, progress, and outcomes with evidence-based data collection for outcome evaluation.
- Effectively apply research, clinical, and theoretical literature in clinical practice.
- Recognize the impact of self and the music on the client-therapist dynamic.
- Utilize the dynamics and processes of groups to achieve therapeutic goals.
- Adhere to the AMTA ethical standards of professional practice.

**GRADUATION REQUIREMENTS:** Professional Studies Core program

MUSC 090, 118, 130, 131, 132, 133, 135, 136, 140, 230, 231, 232, 233, 235, 236, 239, 317, 333, 341, 342, 344, 441; large (primary) and small (secondary) ensembles, and applied lessons (MUA). (See below for specific requirements for ensembles and applied lessons.)

BIOL 103 or 202 (meets natural science core requirement); MUSC 102, 105 or 106, 108, 180, 391; MTR 100, eight classes (8 credits) in 103, 104, 105, 106, 200, 201, 202, 203, 255, 300, 301, 345 400, 406, 415; PSY 101, 320, 324 (meets social sciences core requirement). Total hours: 143.

#### **PROGRESSION REQUIREMENTS**

The Bachelor of Music in Music Therapy prepares students to practice music therapy in a range of clinical settings. The program provides training in the musical, clinical, and theoretical components of music therapy, emphasizing multiple dimensions of promoting health through music experiences and therapeutic relationships that develop therein. Upon completion of all music therapy course work from MTR 100-MTR 406 with a grade of C or higher in each, along with demonstration of musical proficiency on piano, guitar, and voice by receiving a passing grade in yearly clinical skills evaluations administered by music therapy faculty; (consult department

handbook for specific guidelines), the student becomes eligible to enroll in MTR 400 (Music Therapy Internship). Upon successful completion of MTR 400 and verification of all professional music therapy competencies, the student becomes eligible to take the examination administered by the Certification Board for Music Therapists (CBMT). Upon successful passage of the CBMT examination, the student earns the national credential of Music Therapist-Board Certified, or MT-BC. The Bachelor of Music in Music Therapy is approved by the American Music Therapy Association (AMTA).

***See “REQUIREMENTS FOR CONTINUATION IN MUSIC MAJORS” section for details regarding Ensemble participation, music convocation, applied lessons, and proficiency examination requirements for the program.***

## MUSIC MINOR

### **Music** **(Minor)**

Graduation Requirements: MUSC 130, 131, 132, 133, 135, 136: three credits from 102, 341, or 342; two credits in Applied Music; three credits selected from ensembles 180-198.

## NATURAL AND COMPUTATIONAL SCIENCES

Carl Pratt, Department Chair, Program Director –  
Biology

Sister Rose Mulligan, Program Director - Chemistry

### FACULTY

Sister Susan J. Cronin  
Sister Regina Mauricia DeFeo  
Delbert Ferster  
Daniel Ginsburg  
Sister Ann M. Heath  
Eileen Hotte  
Elie Hsiao  
Mary Elizabeth Jones  
Sister Rose Mulligan  
James K. Murray, Jr.  
Kelly A. Orlando  
Carl R. Pratt, Jr.  
Michael Schutz  
Jean M. Shingle  
Sister Monica Therese Sicilia  
William Wagner  
Jiangyue (Luna) Zhang

Sister Ann Immaculata Gallagher, Emerita  
Kathryn A. Lysko, Emerita

### PROGRAMS OFFERED

#### Degrees - Majors

Bachelor of Arts (BA) in Biology  
Bachelor of Arts (BA) in Biology (with Secondary  
Certification)  
Bachelor of Arts (BA) in Biology-Chemistry  
Bachelor of Arts (BA) in Biology-Psychology  
Bachelor of Arts (BA) in Chemistry  
Bachelor of Arts (BA) in Chemistry with Secondary  
Certification  
Bachelor of Arts (BA) in Chemistry with Minor in  
Business Administration  
Bachelor of Arts (BA) in Chemistry with Minor in  
Information Systems  
Bachelor of Arts (BA) in General Science  
  
Bachelor of Science (BS) in Biology  
Bachelor of Science (BS) in Chemistry

Bachelor of Science (BS) in Data Analytics  
Bachelor of Science (BS) in Information Systems

Associate of Arts (AA) in Biology

Associate of Science (AS) in Biology  
Associate of Science (AS) in Information Systems

#### Minors

Biology  
Biology - Pre-Professional Program for Medical  
Professions  
Chemistry  
Computational Sciences  
Data Analytics  
Information Systems  
Mathematics

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## BIOLOGY, MATHEMATICS, AND DATA SCIENCES

### PROGRAM VISION

The Biology, Data Systems and Mathematics programs of Immaculata University are guided by the University's motto - "Scientia Floret Virtute" (Knowledge Flourishes in Virtue). Aiming to meet the challenges of the world around them, our students learn to live this motto through engagement in our rigorous curriculum rooted in theory and application. Through faculty mentorship, our students learn to organize, collaborate, integrate, and problem-solve by creatively using their knowledge and skills thus ensuring our students are well-equipped for future study and careers.

### PROGRAM OUTCOMES

Upon successful completion of department programs, students will be able to:

- Apply the scientific method, utilizing statistics, models, graphs, and computers to analyze and interpret data and information;
- Apply careful reasoning and critical thinking to accurate and effective oral and/or written communication;
- Evaluate the ethical considerations of advances in the STEM fields and their interdisciplinary concerns;
- Appraise and evaluate current STEM topics and develop, relate and apply creative and analytical applications to those topics;
- Exhibit knowledge and skills sufficient to facilitate success in future careers or further educational endeavors

## BIOLOGY DEGREES

### GENERAL PREREQUISITES

Students (except as noted below) must satisfactorily complete the following prerequisite sequence before taking any biology majors' courses (BIOL 233 or higher):

- MATH 203, 204 (Intermediate College Mathematics I, II)
- CHE 101, 102 (Basic College Chemistry I, II)

These prerequisite courses can be taken simultaneously; otherwise, the MATH must be taken before the CHE.

### General Prerequisite Exemptions

Students will be exempted from the prerequisite sequence if, in the previous 5 years, they have:

1. completed a one-year high school chemistry course with a grade of B or higher –OR– satisfactorily completed a one-year college general chemistry course –AND–
2. at least two of the following three conditions are met:
  - a. SAT MATH score of 550 or higher for testing before March 2016; 570 or higher for testing in or after March 2016.
  - b. IU Mathematics Placement Tests scores sufficient to place student in MATH 207-208.
  - c. Satisfactory completion of a pre-calculus course in high school or college.

### PROGRESSION REQUIREMENTS

#### Scheduling Requirement

All students must satisfactorily complete the following foundation courses before taking any biology 300-level courses:

- MATH 207, 208 (Applied Calculus I, II); may substitute (MATH 301, 302 Calculus I, II)
- CHE 103, 104 (Fundamental Chemical Concepts I, II)

- BIOL 233, 234 (Cell Biology; Genetics)

These courses can be taken simultaneously; otherwise, the MATH must be taken before the CHE and the CHE before the BIOL.

**Note:** To continue in the program, biology majors must earn a grade of C (2.0) or higher in CHE 103, 104; MATH 207 and 208 or MATH 301 and 302; and all biology courses taken to satisfactorily fulfill major requirements.

Also, students must satisfactorily complete the following prerequisite sequence before taking any biology major's courses (300 or higher). A grade of C (2.0) in the following courses:

- BIOL 233, 234 (Cell Biology; Genetics)
- CHE 103, 104 (Fundamental Chemical Concepts I, II)
- MATH 207, 208 (Applied Calculus I, II), MATH 301, 302 (Calculus I, II)

### Biology (AA)

(Associate of Arts)

**GRADUATION REQUIREMENTS:** BIOL 090 (four semesters); CHE 101, 102, 201, 202; MATH 101, 102; sixteen elective credits from Biology 100, 200, and/or 300-level courses

### Biology (AS)

(Associate of Science)

**GRADUATION REQUIREMENTS:** BIOL 090 (four semesters); BIOL 233, 234, 305; BIOL 307 or 309 or 366; CHE 103, 104, 211, 212; MATH 207 and 208

### Biology (BA)

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** BIOL 090 (six semesters), 233, 234, 305, 307, 309, 320, 366, 396, 397; four (4) credits from 300-level biology courses (may take CHE 330 to fulfill this 4-credit requirement); CHE 103, 104, 201 and 202 or 211 and 212; MATH 207 and 208 or 301 and 302; MATH 307 or PSY 208; PHY 203 and 204

*A capstone experience as defined by the major or the minor is also required; for biology, the capstone experience is biology 396 and 397.*

### Biology (BS)

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** BIOL 090 (six semesters), 233, 234, 305, 307, 309, 320, 366, 396, 397; twelve (12) credits from 300-level biology courses (may take CHE 330 to fulfill part of this 12-credit requirement); CHE 103, 104, 211, 212; MATH 207 and 208 or 301 and 302; MATH 307 or PSY 208; PHY 203 and 204

### Biology-Chemistry (BA)

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** BIOL 090 (six semesters), 233, 234, 305, 307, 309, 320, 366, 396, 397; four (4) credits from 300-level biology courses (may take CHE 330 to fulfill this 4-credit requirement); CHE 103, 104, 201 and 202 or 211 and 212; MATH 207 and 208 or 301 and 302; MATH 307 or PSY 208; PHY 203 and 204. *A capstone experience as defined by the major or the minor is also required; for biology, the capstone experience is biology 396 and 397.* CHE 103, 104, 200, 211, 212, 304, 313, 314, 317, 320 OR 327, 330,

350, 351; one course from CHE 310, 315, 318, 326, or 331; MATH 207 and 208 or MATH 301 and 302; PHY 203, 204; PSY 208 (statistics); and THE 218 (ethics requirement)

Students pursuing the double major need only take the biology or the chemistry seminar sequence and the required CHE 330 can be counted as one of the biology concentration electives.

### ***Biology-Psychology (BA)***

(Bachelor of Arts)

(Cross-listed with Psychology and Counseling Department)

**GRADUATION REQUIREMENTS:** BIOL 090 (6 semesters), 233, 234, 305, 309, 320, one course (4 credits) from 300-level biology courses; CHE 103,104, 201; MATH 207 and 208 or 301 and 302; PSY 101, 208, 219 or 312, 303, 311, 313, 314, 320, 324; BIOL 396 and 397 or PSY 418 and 419 (capstone experiences); and one course (3-4 credits) from Biology or Psychology 300-level courses

### ***General Science (BA)***

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** BIOL 090 (6 semesters), 233, 234, 305, 307; CHE 103,104; MATH 207 and 208 or 301 and 302; PHY 203-204; PSY 208; SCI 122; three courses (9-12 credits) from BIOL, CHE, or PHY 200 or 300 level courses; 5 to 7 credits from BIOL, CHE, PHY, or SCI 200 or 300 level courses; and 2 credits in research/seminar courses (BIOL 391, 392, 396, 397, CHE 350, 401, 402)

## **BIOLOGY MINORS**

### **Biology**

(Minor)

**GRADUATION REQUIREMENTS:** BIOL 233; CHE 103, 104; MATH 207, 208; and two courses (8 credits) from among BIOL 234 and 300-level BIOL courses

### **Biology - Pre-Professional Program for Medical Professions**

(Minor)

**GRADUATION REQUIREMENTS:** BIOL 233, 234, 309 (additional biology courses are highly recommended); CHE 103, 104, 211, 212; MATH 207, 208 or MATH 301, 302; PHY 203 and 204. Participation in a research or clinical internship is strongly recommended.

## **MATHEMATICS AND DATA SCIENCES DEGREES**

### **GENERAL PREREQUISITES**

Students must satisfactorily complete the following prerequisite sequence before taking any Information Systems major courses (INFO 300 or higher and CIS 300 or higher).

- CIS 105 (3D Computing)
- CIS 218 (Software Design and Programming I)
- MATH 216 (Discrete Mathematics)

For all students, these prerequisites are typically taken in their first year of study. Students who decide to major in this discipline after their first year or who are part-time must still meet these requirements.

### **General Prerequisite Exemptions**

Students will be exempted from the prerequisite sequence if, in the previous 3 years:

- they have satisfactorily completed (C or above) a one-year college programming course (JAVA, C, C++, or VB.net, or a language approved by the department)
- OR-
- they have satisfactorily completed (C or above) a one-year high school programming course (JAVA, C, C++, or VB.net, or a language approved by the department)
- AND
- they have satisfactorily completed (C or above) a college-level Discrete Mathematics course.

### **PROGRESSION REQUIREMENTS**

To continue in the program, students must remain in “good standing” by maintaining an average of C+ (2.33) in all college mathematics and computing courses with no grade lower than a C (2.0) in all college mathematics and computing courses taken to fulfill major requirements. Students receiving a grade of C- or lower may re-take the course once in order to raise the grade.

### ***Information Systems (AS)***

(Associate of Science)

**GRADUATION REQUIREMENTS:** MATH 216; INFO 230; CIS 105, 218, 224, 317, and 9 elective credits chosen from: INFO 110, 310, 404, 410, 420, 430; CIS 326, 335, 343, 345, 351

### ***Information Systems (BS)***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** CIS 105, 218, 224, 317, 335, 343, 345, 351; one course (3 credits) from COM 305, 340, 350; INFO 110, 230, 310, 404, 405, 410, 420; one course (3 credits) from CIS 406, INFO 408, 409, 430; and MATH 216 (MATH 216 does not count for core mathematics requirement)

### ***Data Analytics (BS)***

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** MATH 216, 301, 302, 307, 308, 311, 350; CIS 218, 224, 326, 335, 345, 351; INFO 103, 105, 405, 410; PHY 203-204; 9 credits (3 courses) from department courses, which may include: MATH, 303, 304, 309, 312; CIS 105, 343; INFO 310, 408, 409. Students **must enroll in a minor area of study** where they will apply Data Analytics in INFO 410.

## MATHEMATICS AND DATA SCIENCES MINORS

### Computational Sciences

(Minor)

**GRADUATION REQUIREMENTS:** MATH 301 and 302 or MATH 207 and 208; four (4) courses (12 credits) from among the following: CIS 218, 224, 245, 251; INFO 103, 105; MATH 307

### Data Analytics

(Minor)

**GRADUATION REQUIREMENTS:** CIS 226; INFO 103, 105; and three (3) courses (9 credits) from among the following: BUS 327; CIS 105, 218, 224, 335, 345, 35; FMD 344; MATH 307 or ECO 307; MKT 359.

### Information Systems

(Minor)

**GRADUATION REQUIREMENTS:** 18 credits to include: CIS 105, 218, 224; INFO 404; and two courses (6 credits) chosen from INFO 110, 215, 310, 420; CIS 317, 326, 335, 343, 345, 351

### Mathematics

(Minor)

**GRADUATION REQUIREMENTS:** 18 credits to include: MATH 301 and 302 or 207 and 208, 216; and three courses (9 credits) chosen from any mathematics course numbered 300 or above, except MATH 301 and 302

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## CHEMISTRY DEGREES

### CHEMISTRY PROGRAM VISION

The Chemistry program offers an academically rigorous, growing, and competitive undergraduate program in chemistry. The program provides courses, which impart a basic understanding of the physical and chemical processes of living and non-living systems at the molecular level to students concentrating in science and to student nurses. In addition, it provides courses with a basic foundation in chemical concepts for liberal arts students, allied health science students, and nutrition majors. The knowledge gained through the chemistry program, combined with the university's strong foundation in the liberal arts, prepares students for a variety of career opportunities in research, industry, education, medicine, allied health fields, and nutrition.

### CHEMISTRY PROGRAM OUTCOMES:

Upon completion of courses in the chemistry program, students will be able to:

- demonstrate a basic understanding of the physical and chemical processes of living and non-living systems at the molecular level;
- exhibit foundational knowledge of chemical concepts (for liberal arts, allied health science, and nutrition students)
- identify concepts that govern chemical processes and develop the analytical skills necessary to solve numerical problems;
- demonstrate awareness and understanding of historical and current topics in chemical sciences;
- exhibit proper and safe procedures for the setup and use of laboratory equipment and conduct experiments and report the results in a meaningful manner;
- apply the scientific method, use of statistics, models, graphs, computers and/or spreadsheets to the analysis and interpretation of experimental data;
- demonstrate proficiency in the planning, development, and organization of research results;
- develop chemical literature research ability, scientific writing and public speaking skills;
- exhibit a knowledge and skills foundation sufficient to either undertake graduate studies, enter careers in industry, government research, and education, or enter training in the medical professions.

### GENERAL PREREQUISITES

In order to enroll in the initial major courses in the Chemistry Department, the following prerequisites must be met:

- a grade of B or higher in a one-year high school chemistry course (completed within the previous five years) or grade of B or higher in CHE 101 and 102 at Immaculata University;
- performance on Immaculata Mathematics Placement Test sufficient for admission to MATH 207 and 208 or a grade of B or higher in MATH 203 and 204 at Immaculata University.

It is possible to complete a course of study for a baccalaureate degree in chemistry in four years of normal full-time study from the time the specified prerequisites are met; students who need to take courses to meet the specified prerequisites may take longer.

## PROGRESSION REQUIREMENTS

In order to continue as a chemistry major, students must:

1. attain at least 45 credits by the end of the first semester of sophomore year with a minimum overall GPA of 3.0\*;
2. maintain a minimum GPA of 3.0 averaged over the following courses or accepted equivalents: CHE 103, 104, 211, 212, and MATH 207 and 208 or MATH 301 and 302.

*\* Minimum GPA of 3.0 is required if also seeking secondary education certification.*

**Note:** To continue in the program, chemistry majors must earn a grade of C (2.0) or higher in all college mathematics and science courses taken to fulfill major requirements.

### **Chemistry (BA)**

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** CHE 103, 104, 200, 211, 212, 304, 313, 314, 317, 320 OR 327, 330, 350, 351; one course from CHE 310, 315, 318, 326, or 331; MATH 207 and 208 or MATH 301 and 302; PHY 203, 204; PSY 208 (statistics); and THE 218 (ethics requirement).

### **Chemistry (BA) – Biology (BA)**

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** CHE 103, 104, 200, 211, 212, 304, 313, 314, 317, 320 OR 327, 330, 350, 351; one course from CHE 310, 315, 318, 326, or 331; MATH 207 and 208 or MATH 301 and 302; PHY 203, 204; PSY 208 (statistics); and THE 218 (ethics requirement).

BIOL 090 (six semesters), 233, 234, 305, 307, 309, 320, 366, 396, 397; four (4) credits from 300-level biology courses (may take CHE 330 to fulfill this 4-credit requirement); CHE 103, 104, 201 and 202 or 211 and 212; MATH 207 and 208 or 301 and 302; MATH 307 or PSY 208; PHY 203 and 204.

A capstone experience as defined by the major or the minor is also required; for biology the capstone experience is biology 396 and 397.

Students pursuing the double major need only take the biology or the chemistry seminar sequence and the required CHE 330 can be counted as one of the biology concentration electives.

### **Chemistry (BA) with Minor in Business Administration**

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** CHE 103-104, 200, 211-212, 313-314, and two upper division courses from the following: CHE 304, 310, 315, 318, 330; ACC 201, 203, 204, or 205; BUS 315 or HRM 348; BUS 345 or FIN 363; BUS 366 or HRM 311 or 318; ECO 201 and 202, or 203; FIN 306 or 362; MKT 309; MATH 207 and 208 or 301 and 302 (depending upon placement); and THE 218 (ethics requirement).

### **Chemistry (BA) with Minor in Information Systems** (Bachelor of Arts)

**GRADUATION REQUIREMENTS:** CHE 103, 104, 200, 211, 212, 313, 314, and two upper division courses from the following: CHE 304, 310, 315, 318, 330; CIS 105, 218, 224; INFO 404; two from the following: CIS 317, 326, 335, 343, or 345; INFO 110, 215, 310, or 410; MATH 207 and 208 or MATH 301 and 302; and THE 218 (ethics requirement).

### **Chemistry (BA) with Education**

(Bachelor of Arts – Secondary Education Certification)

**GRADUATION REQUIREMENTS:** CHE 103, 104, 202, 211, 212, 304, 313, 314, 317; MATH 207 and 208 or 301 and 302; PHY 203, 204; CIS 105 or 218; THE 218 (ethics requirement)

Secondary Certification course requirements include: EDU 201, 202, 203, 204, 290 or 291(H), 302, 310, 328, 330, 381, 384; one course (3 credits) ENG 200-level literature (ENG 272 recommended strongly for English 7-12 majors); and PSY 324. For specific **Education Requirements**, see [Education](#) Section of this catalog.

### **Chemistry (BS)**

(Bachelor of Science)

**GRADUATION REQUIREMENTS:** CHE 103, 104, 200, 211, 212, 304, 313, 314, 317, 320 OR 327, 330, 331, 350, 351, 401, 402; two courses from CHE 310, 315, 318, or 326; MATH 207 and 208 or MATH 301 and 302; PHY 203, 204; PSY 208 (statistics); and THE 218 (ethics requirement).

## CHEMISTRY MINOR

### **Chemistry**

(Minor)

**GRADUATION REQUIREMENTS:** CHE 103, 104, 211, 212, 313, 314 OR 327, 330; and MATH 207 and 208 or 301 and 302.

## NURSING

Jane Tang, Department Chair

Celina Siwula, Program Director – Pre-Licensure Track

Maria Toth, Program Director – RN to BSN Track

### FACULTY

Sharon Barnes  
Sister Agnes Cummings  
Pamela Hudson  
Sister Paula Jameson  
Kathleen Lawler  
Carole Lorup  
Sandra Nolan  
Denise Shelmerdine  
Celina Siwula  
Jane Tang  
Cristina Tansey  
Maria Toth  
Suzanne Wurster

Janice Cranmer, Emerita  
Margaret Lacey, Emerita  
Stephanie Trinkl, Emerita

### PROGRAM ACCREDITATION/APPROVAL



The baccalaureate nursing program at Immaculata University is accredited by the Commission of Collegiate Nursing Education, 655 K Street, NW, Suite 750, Washington, DC 20001, (202) 887-6791.

The pre-licensure track is approved by the Pennsylvania Department of Education, the Pennsylvania State Board of Education, and the Pennsylvania State Board of Nursing.

### PROGRAMS OFFERED

#### Degrees - Majors

Bachelor of Science in Nursing (BSN) with the following tracks:

- Pre-licensure BSN
- RN to BSN (degree completion – CAPS students only)

### VISION

The Division of Nursing, in accordance with the mission statement of Immaculata University, strives to develop “a truly educated person who is value oriented and committed to truth, justice, service, and peace.” The division seeks to stimulate the expansion of personal and professional consciousness from a holistic perspective within a Christ-centered academic environment. The BSN generic track prepares students academically, socially, and spiritually to practice within today’s complex healthcare systems. The RN to BSN track is designed to facilitate the educational mobility of associate degree and diploma nursing programs graduates. Building on the liberal arts and sciences, the program promotes the growth of knowledge, professional skill, and intellectual inquiry. The BSN program prepares the student to engage in graduate study and to meet the challenges of a dynamic health care system for a global community while fostering an appreciation for and the importance of lifelong learning for professionals.

### PROGRAM OUTCOMES

Upon successful completion of the BSN Program, students should be able to:

- demonstrate a holistic perspective in all areas of professional practice;
- value the dignity of self and others in professional practice by seeking truth, acting justly, and fostering peace;
- exhibit professional values based on ethical, legal, and moral standards for professional nursing practice;
- act as a change agent to promote the health and welfare of all people;
- integrate evidence, clinical judgment, inter-professional perspectives, and patient preferences in planning, implementing, and evaluating outcomes of care;
- identify the impact of cultural forces, particularly the social, economic, and political aspects, on the health of individuals, families, neighborhoods and the global community;
- employ inter-and intra-professional communication and collaborative skills to deliver safe, evidence-based, patient-centered care;
- exhibit skills in using patient care technologies, information systems, and communication devices that support safe nursing practice;
- apply teaching-learning principles in promoting health;
- evidence an awareness of and interest in lifelong learning.

## NURSING DEGREES

### ***Nursing (BSN) – Pre-licensure BSN Track***

(Bachelor of Science in Nursing)

**GRADUATION REQUIREMENTS:** BIOL 205, 208, 209, 210; CHE 100; FNU 208; MATH 110; NUR 200, 202, 304, 307, 308, 311, 314, 404, 405, 408, 410, 435; and one elective course (3 credits) in NUR; PHI 209; PSY 101, 208, 324; SOC 202; and THE 408.

### **ADMISSION REQUIREMENTS**

Immaculata University views each application based on a holistic approach taking into account all of the admission criteria. Application materials are based on the candidate's current status: prospective, transferring (external transfer), or current Immaculata University student (internal transfer).

#### **Prospective Students must meet the following criteria:**

- Fulfillment of basic requirements for admission to the College of Undergraduate Studies.
- High school transcript with a GPA in the general range of 3.0 or higher with courses to include three (3) units of mathematics (one of which is algebra) and two (2) units of science, with related laboratory or the equivalent.
- Acceptable SAT or ACT scores.
- Two (2) letters of recommendation from: teacher(s), coach(es), employer(s), or counselor(s).
- Essay explaining the choice to pursue a career in nursing.
- Evidence of legal authorization to work for any employer in the United States. \*
- Application to Immaculata University online at [www.immaculata.edu/admission/apply](http://www.immaculata.edu/admission/apply) OR through The Common Application at [www.commonapp.org](http://www.commonapp.org)

#### **External Transfer Students must meet the following criteria:**

- Transcripts from high school and previous college(s) documenting successful completion of at least 24 credits of study at an accredited institution.
- College GPA of 3.0 or higher on a 4.0 scale.
- Minimum of a C+ in all required science courses.
- Two letters of recommendation from: teacher(s), coach(es), employer(s), or counselor(s).
- Essay explaining the choice to pursue a career in Nursing.
- Evidence of legal authorization to work for any employer in the United States. \*
- Application to Immaculata University online at [www.immaculata.edu/admission/apply](http://www.immaculata.edu/admission/apply) OR through The Common Application at [www.commonapp.org](http://www.commonapp.org)
- All External transfer applicants are reviewed by the Division of Nursing Admissions and Progression Committee.

#### **Internal (Immaculata University) Transfer Students must meet the following criteria:**

- Completion of minimum of 24 credits or two full semesters at Immaculata University.
- Immaculata transcript with GPA of 3.0 or higher on a 4.0 scale. Minimum of C+ in all required science courses.

- Two (2) letters of recommendation from: teacher(s), coach(es), employer(s), or counselor(s).
- Essay explaining the choice to pursue a career in Nursing.
- Submission of the Immaculata University application:
- Current CAPS students meet with the CAPS advisor and complete the application for the CUS at [www.immaculata.edu/admissions/apply](http://www.immaculata.edu/admissions/apply).
- Current CUS students interested in admission to the Division of Nursing complete the application process in consultation with the Executive Director of Academic Success and Advising.
- Evidence of legal authorization to work for any employer in the United States. \*
- All Internal transfer applicants are reviewed by the Division of Nursing Admissions and Progression Committee.

Note: Admission to the *Nursing Program* is *competitive*. Meeting the *minimum admission requirements* does not guarantee acceptance to the *Pre-Licensure program*.

*\* Students who are unable to provide evidence of documented legal immigration status or citizenship will not be able to complete the required clinical experiences, which will impact their ability to meet course outcomes. In addition, they may be unable to obtain a RN license and secure employment in healthcare.*

#### **Nursing Division Clinical Requirements (*may be revised in order to meet guidelines or requirements of the program's clinical affiliation requirements or regulatory bodies*)**

All students enrolled in the Pre-Licensure BSN program must meet and maintain the following clinical requirements by the announced due date. Students are responsible for all costs incurred. The Division of Nursing (DON) utilizes a web-based vendor to track these requirements, with an additional fee charged directly to the students by the vendor. Students will receive details regarding the process following enrollment in NUR 200.

**Clinical requirements include the following\*** (See the Pre-licensure BSN student handbook for more details)

- Completed within three (3) months of the first clinical course (i.e. NUR 202)
  - Proof of immunization, as evidenced by a **positive antibody titer** within three (3) months of enrollment in NUR 202
    - Varicella (Chicken Pox)
    - Measles, Mumps & Rubella (MMR): Positive antibody titers for all three (3) components
    - Hepatitis B: All three titers completed or Hepatitis B series (three injections) in progress
      - Hepatitis B core antibody titer
      - Hepatitis B surface antibody titer
      - Hepatitis B surface antigen titer
  - Proof of immunization, as evidenced by a **record of immunization or positive antibody titer** (if applicable) within three (3) months of enrollment in NUR 202
    - Diphtheria & Tetanus Toxoids/Acellular Pertussis (TDaP) vaccine within the past 10 years and evidence of Tetanus-Diphtheria (Td) booster every 10 years
- Completed within three (3) months of the first clinical course (i.e. NUR 202) and **repeated annually**:

- Influenza vaccine
- Negative Tuberculosis (TB) test (if TB test positive, student needs to provide evidence of a chest x-ray [normal results])
- Physical exam, including attention to Performance of Essential Functions (performed by a licensed physician, physician's assistant, or a nurse practitioner)
- Evidence of current health insurance
- Evidence of current CPR certification (only American Heart Association- Health Care Provider is acceptable)
- Evidence of negative 10 panel drug screening
- PA child abuse clearance\*
- FBI background check\*
- PA state police criminal background check\*

\*Note: The Pennsylvania State Board of Nursing requires the Nursing Program to inform applicants that "the Board shall not issue a license or certificate to an applicant who has been convicted of a felonious act prohibited by the act of April 14, 1972 (P.L. 233, No.64), known as 'The Controlled Substance, Drug, Device, and Cosmetic Act,' or convicted of a felony relating to a controlled substance in a court of law in the United States or any other state, territory or country unless:

- at least ten (10) years have elapsed from the date of conviction;
- the applicant satisfactorily demonstrates to the Board that he/she has made significant progress in personal rehabilitation since the conviction such that licensure of the applicant should not be expected to create a substantial risk of harm to the health and safety of patients or the public or a substantial risk of further criminal violations; and
- the applicant otherwise satisfies the qualifications contained in or authorized by this act."

"The term 'convicted' shall include a judgment, an admission of guilt or a plea of nolo contendere. An applicant's statement on the application declaring the absence of a conviction shall be deemed satisfactory evidence of the absence of a conviction, unless the Board has some evidence to the contrary" (The Professional Nursing Law, amended Dec. 20, 1985, P. L. 409, No. 109). The PA State Police Criminal Background Check also serves to enforce the Older Adult Protective Services Act-Amend, Act of 1997, P. L. 160, No. 13 of the Commonwealth of Pennsylvania.

### PROGRESSION REQUIREMENTS:

The Pre-licensure BSN Program requires that students:

- Maintain a cumulative GPA of 2.67 or higher
- Achieve a satisfactory score on the nursing admission test (i.e., HESI A2), given at the end of the freshman year or before enrollment in the first nursing course (i.e., NUR 200); students may repeat this test one time only.
- Complete nursing courses in the order listed in the program sequence plan.
- Complete the nursing program within five (5) calendar years of the start of the first nursing course (NUR 200).
- **A maximum of only two (2) nursing courses (clinical, non-clinical or elective) may be repeated.**
- **A nursing course (clinical, non-clinical or elective) may only be repeated once.**

- **Students are permitted only two attempts to successfully complete a nursing course. A withdrawal is considered an attempt.**
- Pass the theory, lab and clinical requirements of each nursing course concurrently. A clinical grade of "Unsatisfactory" will result in a clinical failure, which is equivalent to a course grade of "F".
- Pass all nursing courses with a grade of "C+" or better.
- In addition to meeting the general University requirements, all science courses must be completed with a grade of "C+" or better. A required science course may only be repeated once and must be completed at Immaculata University.
- Maintain satisfactory personal performance that is consistent with professional responsibility and accountability. Clinical performance and behavior must be in compliance the ANA Nursing Scope and Standards of Practice and the Ethical Code.
- Meet Attendance Requirements: Students are required to attend all scheduled learning activities (class, lab, and clinical) since they are essential to meet the course and program objectives. Excessive classroom absences may jeopardize the student's ability to master the course objectives. All clinical and lab absences must be made up to meet course and program objectives. An additional fee may be charged.

*Note: The nursing progression requirements may be revised in order to meet the guidelines or requirements of the Pre-licensure BSN program's regulatory bodies.*

### **Nursing (BS) – RN to BSN Track** (Bachelor of Science in Nursing)

(Accelerated Degree Program – CAPS Students Only)

### **RN TO BSN TRACK OVERVIEW**

The ACCEL® RN TO BSN nursing program is comprised of the required major core courses, which are necessary for earning a BSN degree. The ACCEL® nursing program delivers 50 of the 126 credits necessary for the Bachelor of Science in Nursing Degree.

The program is open to registered nurses who meet the following criteria:

1. graduate from an accredited diploma or associate degree nursing program
  2. current state licensure as a registered nurse
- Documentation of all of the above must be submitted with the application for the program.

**GRADUATION REQUIREMENTS:** ENG 241; NUR 312, 350, 370, 426, 434, 451 (minimum of 35 upper division NUR credits required); ORBH 311; PHI 209; POL 352; PSY 101, PSY 324; SOC 202; THE 408; a minimum of 9 credits in natural sciences (must include 6-8 credits of natural sciences with a lab); and 30 credits in Lower Division Nursing (see admissions requirements for RN to BSN above).

Immaculata University's requirements for this BSN degree include the completion of 126 credits and a cumulative grade point average of 2.0 or above (on a 4.0 scale). Students must receive a grade of "C" or higher in all NUR classes to progress in the program.

## PSYCHOLOGY AND COUNSELING

Jed Yalof, Department Chair

Dawn Kriebel, Program Director – Undergraduate  
Psychology

### FACULTY

Sister Elizabeth Monica Acri

Kristy Brumfield

Maria Cuddy-Casey

Francien Dorliae

Janet Etzi

Ashley Higgins

David Hunt

Edward Jenny

Erin Kirschmann

Dawn K. Kriebel

David Martinson

Marie McGrath

Deneen Miller

Tracy Stinchfield

Rachel Vannatta

Catrina Vitagliano

Jed Yalof

Pamela Abraham, Emerita

Sister Agnes Hughes, Emerita

Janet Kane, Emerita

Sister Jeanine O’Kane, Emerita

Peter Rondinaro, Emeritus

### PROGRAMS OFFERED

#### Degrees - Majors

Bachelor of Arts (BA) in Psychology

Bachelor of Arts (BA) in Biology-Psychology

Bachelor of Arts (BA) in Spanish-Psychology

Bachelor of Science (BS) in Organizational Behavior  
(degree completion – CAPS students only)

#### Minor

Psychology

### PROGRAM VISION

The undergraduate psychology program in the Psychology and Counseling Department strives to create a holistic understanding of and appreciation for the behavioral sciences by its diverse course offerings, individual advising, and exposure to developmental, experimental, clinical, and research opportunities. This exposure will prepare students for graduate study or for entry-level positions in social service agencies and business settings. Through the study of psychology, students gain a broad background in the major areas of psychological investigation and deepen their concept of the true nature and dignity of the person.

### PROGRAM OUTCOMES

Upon completion of programs in psychology, students will be able to:

1. Identify and utilize aspects of psychological theory to explain human behavior scientifically and objectively.
  2. Identify theory and research central to the major domains of the field.
  3. Exhibit appreciation for psychological dimensions of human diversity.
  4. Employ ethical knowledge and skills appropriate to level of experience and education.
  5. Evaluate overarching themes and major problems in psychology.
-

## PSYCHOLOGY AND COUNSELING DEGREES

### ***Psychology (BA)***

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** PSY 101, 206 or 307, 208, 303, 311, 312, 313, 314, 320, 324, 360, 418, 419; two courses (6 credits) in psychology electives. Note that the PSY courses taken for the major cannot count towards core social science requirement.

### ***Organizational Behavior (BS)***

(Bachelor of Science)

(Accelerated Degree Program – CAPS Students Only)

**GRADUATION REQUIREMENTS:** An accelerated degree completion program for the working adult (available to students in CAPS only). Required courses include: BUSL 378; CCS 341; COM 355; ENG 242; HRM 376; ORBH 307, 315, 325, 350, 352, 354, 356, 358, 395; PHI 384; and THE 381 or 335. Requirements beyond accelerated program by advisement to complete ACCEL ® liberal arts core courses and electives as needed for a total of 126 credits.

### ***Biology-Psychology (BA)***

(Bachelor of Arts)

(Cross-listed with Natural and Computational Sciences Department)

**GRADUATION REQUIREMENTS:** PSY 101, 208, 303, 311, 313, 314, 320, 324, 360, 418, 419; two courses (6 credits) in psychology electives; one course (3 credits) of mathematics (in addition to math required for core); and one course (3 credits) of computer science. Note that the PSY courses taken for the major cannot count towards core social science requirement.

### ***Spanish-Psychology (BA)***

(Bachelor of Arts)

(Cross-listed with Arts, Languages and Letters Department)

**GRADUATION REQUIREMENTS:** PSY 101, 208, 303, 311, 312 or 219, 313, 314, 316, 320, 324, 418, two additional courses (6 credits) in psychology; MATH elective; SPAN 201, 202, 304, 305, 323, 314 (or another 300-level SPAN), 328; and SPAN 334 or PSY 419 (seminar).

## PSYCHOLOGY MINOR

### **Psychology**

(Minor)

**GRADUATION REQUIREMENTS:** PSY 101; and any five courses (15 credits) in PSY. (18 credits total).

## **THEOLOGY AND PHILOSOPHY**

Sister Annette Pelletier, Department Chair, Program  
Director – Theology

Sister Judith Parsons, Program Director – Philosophy

### **FACULTY**

Sister Laura Downing  
Joseph P. Healey  
Sister Mary Henrich  
Sister Margaret McDonald  
Stephen D. Miles  
Sister Judith Parsons  
Sister Annette Pelletier

Sister John Sheila Galligan, Emerita

### **PROGRAMS OFFERED**

#### **Degrees - Majors**

Associate of Arts (AA) in Theology

Bachelor of Arts (BA) in Liberal Studies (CAPS students only)

Bachelor of Arts (BA) in Theology

#### **Minors**

Philosophy

Theology

### **VISION**

The Theology and Philosophy department's Theology program strives to help students acquire an intellectual foundation for the lifelong development of habits of theological, spiritual, and ethical reflection. It pursues this aim as an expression of its commitment to the education of the whole person and in fulfillment of its desire to enable students to live more fully satisfying and integral lives. In keeping with these aims, the Department offers courses and programs that provide students a transformative learning experience by initiating them into the dynamic tradition of Christian theology. Successful completion of the Theology major, combined with knowledge and skills gained through Immaculata's liberal arts core curriculum, prepares students to excel in graduate study in multiple disciplines and in a variety of professional and voluntary lay ministries.

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## PHILOSOPHY DEGREE

### PHILOSOPHY CORE OUTCOMES:

The Philosophy Department offers courses in the liberal arts core through which students

- actively engage in the foundational skill of self-examination;
- identify various forms of ethical reasoning and action;
- analyze written and oral communications for logical argumentation;
- demonstrate the ability to consider critically primary and secondary philosophical sources;
- explore philosophy according to historical and global perspectives;
- evaluate major debates among philosophers.

### *Liberal Studies (BA)*

(Bachelor of Arts)

(Accelerated Degree Program – CAPS Students Only)

### LIBERAL STUDIES PROGRAM OUTCOMES:

Students completing the B.A. in Liberal Studies will be able to:

- Communicate clearly and persuasively, using a wide variety of modalities;
- Read, write, speak, and listen analytically and with logical judgment;
- Analyze, problem-solve, and evaluate in a thoughtful manner;
- Apply the insights of great writers and thinkers from a broad sampling of academic areas;
- Analyze deductive and inductive arguments and explanatory hypotheses;
- Write papers incorporating thesis, evidence, and organization;
- Understand and respect major cultures of the world;
- Organize knowledge to maintain information and facilitate learning;
- Utilize technology to effectively and efficiently find, analyze, store, and communicate information.

### PROGRAM OVERVIEW

The Bachelor of Arts in Liberal Studies is an interdisciplinary degree that allows for curriculum and scheduling flexibility. In addition to the Liberal Arts Core and Major Requirement courses, students take advanced-level courses of their choice from either the Humanities or the Social Sciences track. Courses can be taken during the day or in the evening, with many evening courses delivered in a variety of formats. The program provides skills for an ever-changing job market, including critical thinking, effective communication and technology utilization, preparing students for career change, advancement, or graduate study.

**GRADUATION REQUIREMENTS:** ECO 203; ENG 299; INFO 215; COM 250 or COM 350; two courses (6 credits) of MATH (100- level or higher); PHI 100 or 101; PHI 208; PHI 400; and six courses (18 credits) from one of the following clusters:

#### • Humanities Track Electives:

- **Art:** ART 102, 208, 211, 215, 217, or 218
- **Communication:** All 200- and 300- level courses, except 240, 306, 337.
- **English:** All upper level courses, except ENG 271, 272, 400.
- **Global Languages:** CCS 335, 340; FREN 301, 302, 309, 310, 312, 323, 336, 339; SPAN 301, 302, 304, 305, 314, 315, 316, 319, 323, 328, 329, 330, 331
- **History:** ALL 100- 200- and 300- level courses, except 204, 359, 370, and 371
- **Music:** MUSC 100, 102, 104, 117, 134, 180-196
- **Philosophy:** All 200- and 300-level courses.
- **Theology:** All 200-, 300-, and 400-level courses, except 450.

#### • Social Sciences Track Electives:

- **Economics:** ECO 320, 322
- **Political Science:** All 200- and 300-level courses, except POL 213 AND 371.
- **Psychology:** PSY 101, any 200- or 300- level courses, except 208, 303, 313, 314, 316, 317.
- **Sociology:** SOC 245, 247, 248, 250, 262, 275, and all 300-level courses.

## PHILOSOPHY MINOR

### Philosophy

(Minor)

**GRADUATION REQUIREMENTS:** PHI 101, 209, and four courses (12 credits) of Philosophy from any philosophy electives and/or one independent study (to be approved by the consensus of the members of the Philosophy Department).

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## THEOLOGY DEGREES

### THEOLOGY CORE OUTCOMES:

Successful completion of the **Theology liberal arts core requirement** enables students to do the following:

- acquire a basic working knowledge of the Bible
- recognize major identifying beliefs of the Christian community
- use tools of critical inquiry to interpret theological sources
- reflect upon and interpret contemporary realities in light of a Christian theological vision in dialogue with other major religious traditions
- recognize and explain the meaning of human dignity in Christian theological perspective and explore its implications
- recognize the many manifestations of human suffering and evil, and articulate the basis of the Christian imperative to respond
- discover resources (print and media) to continue to cultivate one's theological development

### THEOLOGY LIBERAL ARTS CORE REQUIREMENT

All students in the baccalaureate program must take two (2) courses (six total credits) in Theology.

- The **first** course must be selected from the following foundational courses: THE 104, 109, 110, 209, 221, 222
- The **second** course should be selected from any of the following categories:
  - **Moral Theology:** THE 217, 218, 317, 332, 342, 408
  - **Scripture:** THE 232, 311, 312, 321
  - **Spirituality:** THE 112, 206, 226, 227, 235, 328
  - **Systematic Theology:** THE 211, 212, 224, 230, 303, 306, 333, 340
  - **Theology and Culture:** THE 200, 219, 223, 225, 228, 302, 314, 315, 334, 336

### THEOLOGY PROGRAM OUTCOMES:

Successful completion of the requirements for **the major in Theology** enables students to do the following:

- demonstrate an understanding of Christian revelation and heritage in light of the Catholic intellectual tradition
- display fundamental knowledge in the areas of biblical, systematic, moral, and sacramental theology
- exhibit appreciation of prayer, ministry, Gospel proclamation, and interfaith dialogue
- evidence skill in relating theological principles with the reality of contemporary life

### *Theology (AA)*

(Associate of Arts)

**GRADUATION REQUIREMENTS:** A minimum of eight (8) courses (24 total credits) are required for the associate degree, including:

- THE 109, 110, 218, 222, 306
- Two elective theology courses for the liberal arts core (6 credits)
- One course from THE 206, 217, 221, 311, 312, 317

### *Theology (BA)*

(Bachelor of Arts)

**GRADUATION REQUIREMENTS:** Eleven (11) courses (33 total credits) are required for the major, including:

- THE 109, 110, 218, 222, and 306;
- One course (3 credits) from **each** of the following clusters:
  - **Scripture:** THE 311, 312, 321
  - **Spirituality:** THE 206, 226, 227, 235, 328
  - **Systematic Theology:** THE 209, 211, 221, 224, 340
  - **Moral Theology:** THE 217, 317, 342
- Two elective theology courses (6 credits).

## THEOLOGY MINOR

### Theology

(Minor)

**GRADUATION REQUIREMENTS:** A minimum of six (6) courses (18 total credits) are required for the minor, including:

- Two courses (6 credits) selected from THE 109, 110, 218, 221, 222, 306
- Four elective theology courses (12 credits)

# Course Descriptions

## COURSE NUMBERING SYSTEM

Courses have a designated course code (3-4 characters) that indicate the area of study and then a three-digit number – the course number – followed by the course title (e.g., “ENG 106 Composition 1”). Semester hour credit is indicated in parentheses after each course title. Courses are listed alphabetically by course number below.

## Accounting (ACC)

**ACC 200 Special Topics in Accounting (1-3)** Current topics dealing with ongoing facets of accounting.

**ACC 201 Accounting & Budgeting (3)** An introduction to accounting information and the basic accounting cycle. Techniques of accounting for business transactions, preparation and interpretation of financial statements for internal control and external reporting and for use in making sound business decisions, forecasting and budgeting methods. May not be substituted for ACC 203 or 204.

**ACC 203 Accounting Principles I (3)** Develops an understanding of basic principles and procedures of accounting including account definition, classification, worksheet preparation, and generation of financial statements.

**ACC 204 Accounting Principles II (3)** Develops an understanding of basic principles and procedures of accounting including account definition, classification, worksheet preparation, and generation of financial statements. This is a continuation of ACC 203. (Prerequisite: ACC 203)

**ACC 205 Financial Accounting (3)** Focus on the financial aspects of accounting, financial statements, and applications. Emphasis is placed on three forms of business organization

**ACC 206 Managerial Accounting (3)** Introduces concepts in analyzing and interpreting accounting information in product and service costing and the application of this information and statements in management planning, control, and decision-making

**ACC 303 Intermediate Accounting I (3)** Comprehensive review of accounting principles with detailed study of balance sheets; accounting statements analysis. (Prerequisite: ACC 204)

**ACC 304 Intermediate Accounting II (3)** Comprehensive review of accounting principles with detailed study of balance sheets; accounting statements analysis. This is a continuation of ACC 303. (Prerequisite: ACC 303)

**ACC 305 Intermediate Accounting III (3)** Includes in-depth coverage of selected accounting topics, including, but not limited to, deferred income taxes, accounting for pension costs, cash flow statements, capitalized leases, and financial statements analysis. (Prerequisite: ACC 304)

**ACC 313 Federal Income Tax (3)** Study of Federal Income Tax law as it applies to individuals. (Prerequisite: ACC 204)

**ACC 314 Advanced Taxes (3)** Tax problems of partnerships, corporations, estates, trusts, deferred payments, gifts, with particular emphasis on tax planning and the role of the accountant. (Prerequisite: ACC 313)

**ACC 317 Cost Accounting I (3)** Basic cost accounting principles applied to job order, process, and standard cost systems. (Prerequisite: ACC 204)

**ACC 318 Advanced Cost Accounting (3)** Advanced cost techniques and theories, financial planning and control; profit planning with direct costing; flexible budgets, break-even and profit-volume relationships. (Prerequisite: ACC 317)

**ACC 321 Internal Auditing (3)** An introduction to internal auditing, its rapid growth and important role in the modern corporation. Topics include internal auditing standards, scope, responsibilities, ethics, the impact of the Sarbanes-Oxley Act of 2002, internal controls, techniques, and reporting practices. There will be some consideration given to the material included in the Certified Internal Auditor examination. Various techniques will be used to study internal auditing theory and practice which may include the use of problem sets and case studies. (Prerequisites: ACC 201 and 204, or ACC 206)

**ACC 326 Proc Design & Internal Audit (3)** The course covers the design of business processes and the implementation of key control concepts. The course utilizes a case study approach that will address tactical, strategic, systems, and operational areas. A study of the control aspects of accounting systems. Topics include: setting standards; defining and imposing administrative, operational, and security controls; and judging cost-effectiveness of systems. This is the first course leading to endorsed internal audit certificate and will prepare students planning on sitting for the Certified Internal Auditor Exam. (Prerequisite: ACC 201 or 203-204, ACC 321)

**ACC 334 Forensic Accounting (3)** This course will include a study of techniques used in solving financial crimes including: interviewing techniques, rules of evidence, and sources of information, forensic accounting procedures and current issues in financial investigations. The course will include the criminal statutes related to financial crimes. Case studies will be used to discuss interviewing techniques and other indirect methods of proof in resolving financial crimes. Various financial documents and instruments will be discussed and reviewed as part of the documentary evidence to support financial investigations. (Prerequisite: ACC 201 or 204)

**ACC 398 Accounting Practicum (3)** This culminating course prepares students for the real challenges of working in the field of accounting. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

**ACC 399 Accounting Practicum (3)** This culminating course prepares students for the real challenges of working in the field of accounting. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

**ACC 401 Independent Study & Research (1-6)** Provides an opportunity for a junior or senior to engage in independent study and research in a specific phase of the major field.

**ACC 421 Advanced Accounting I (3)** Covers theory and practice relating to business combinations, equity and cost methods of accounting, consolidated accounting issues, accounting for intercompany indebtedness, inventory transactions and related topics. (Prerequisite: ACC 304)

**ACC 422 Advanced Accounting II (3)** Covers specialized areas of accounting including partnership accounting, foreign currency transactions, segment reporting, interim reporting, governmental accounting, accounting for non-profit organizations and International Financial Reporting Standards. (Prerequisite: ACC304) (Fee applies)

**ACC 425 Auditing (3)** Generally accepted auditing standards employed in the verification of financial statements, evaluation of internal controls, statistical sampling, procedural testing, and moral and legal responsibilities of the auditor. (Prerequisite: ACC 303)

## Allied Health Science (AHS)

**AHS 100 Allied Health Seminar I (1)** The first in the series of major courses/seminars for Allied Health majors. Students are oriented to the curriculum and to the allied health disciplines, including the collaboration with partner institutions. Students are coached on professional preparation in anticipation of applying for their clinical assignments. Guest speakers present other topics and students attend selected University and outside events. Special topics are covered each time the course is offered.

**AHS 200 Allied Health Seminar II (1)** This course is the second in the series of major courses/seminars for Allied Health majors. Students in this course are required to explore selection of their specialization in anticipation of the collaboration with partner institutions. Students will be coached on professional preparation in anticipation of applying for their clinical assignments. As part of the course, students will be required to complete volunteer work in the health care field. Special topics will be covered each time the course is offered. (Prerequisite: AHS 100).

**AHS 300 Allied Health Seminar III (1)** The third in the series of major courses/seminars for Allied Health majors. Students will deepen their investigation of their chosen specialization and prepare their application/placement for clinical training with partner institutions. Students are coached on professional preparation in anticipation of their clinical assignments. Guest speakers present other topics and students attend selected University and outside events, especially in conjunction with their chosen specialization. (Prerequisite: AHS 200)

**AHS 404 Capstone Professional Health Science (3)** In this course, students will examine their experience in professional health care settings, integrating the liberal arts core, to deepen their investigation into their career paths. Students are coached on professional preparation and will complete papers and presentations. (Prerequisite: with instructor approval)

## Arabic (ARA)

**ARA 101 Elementary Arabic I (3)** Fundamentals of spoken and written modern standard Arabic (Fusha) including proficiency development in basic skills of listening, speaking, reading, and writing. This form of Arabic is universally understood throughout the Arabic-speaking world and used in Islamic practice.

**ARA 102 Elementary Arabic II (3)** Continuation of the fundamentals of spoken and written modern standard Arabic (Fusha) including proficiency development in basic skills of listening, speaking, reading, and writing. (Prerequisite: ARA 101 or instructor's approval)

**ARA 201 Adv Intermediate Arabic I (3)** Contemporary overview of Arabic language, syntax, and grammar with materials selected for exploring cultures of the Arabic-speaking world. Emphasis on development of student autonomy in Arabic, especially in speaking and writing. Laboratory work required. (Prerequisite: ARA 102 or instructor's approval)

**ARA 202 Adv Intermediate Arabic II (3)** Continuation of the study of Arabic language, syntax, and grammar with materials selected for exploring cultures of the Arabic-speaking world. Emphasis on development of student autonomy in Arabic, especially in speaking and writing. Laboratory work required. (Prerequisite: ARA 201 or instructor's approval)

## Art (ART)

**ART 102 Basic Drawing (3)** A basic studio course designed to explore the elements of drawing. Students experience exercises in observation and memory drawing using various media: pencil, ink, charcoal, and pastel. (Fee applies)

**ART 105 Introduction Photoshop & Illustrator (3)** An introduction to the Macintosh platform as a tool for art and design which is used in graphic arts and communication. Students will experience and acquire skills in the fundamentals of color computer graphics. Hands-on experience with several software packages including Adobe Illustrator and Adobe Photoshop will be provided. Lab work required. (Fee applies)

**ART 200 Special Topics (1-3)** Several on-site guided museum tours and hands-on workshops in the visual arts will be offered on various themes.

**ART 201 Basic Design (3)** Design is the foundation of all the visual arts. This course enables students to develop and understand the basic elements and principles through hands-on experiences using a variety of media and subject matter. (Fee applies)

**ART 204 Typography (3)** An introduction to the use of type-face as one of the primary elements of visual communication. In addition to an introduction to the history, terminology and technical issues related to typography, students will focus on the expressive characteristics of letterforms, fundamental typographic theories and rules of spatial organization. Lab work required. (Fee applies)

**ART 205 Drawing II (3)** Introduces and defines drawing as an important form of visual expression and communication. The course encourages the application of fundamental drawing skills toward more personally expressive goals. (Prerequisite: ART 102) (Fee applies)

**ART 208 Art History I (3)** A survey of visual arts from the Paleolithic to the Gothic period, exploring major monuments and masterpieces of sculpture, ceramics, architecture and painting as each form relates to the achievements of humankind. A broad range of cultures will be explored to provide an understanding of different perspectives on how people have communicated visually through art forms. This course introduces art fundamentals and helps to foster an appreciation for the visual arts.

**ART 210 Sculptural Ceramics (3)** This studio course will investigate the use of water-based clay in creating sculptural forms. Students will employ fundamental hand building and wheel throwing techniques and explore the use of form, space and mass as they construct 3-dimensional forms. (Fee applies)

**ART 211 WI: Art History II (3)** An inclusive survey of the history of arts from Fourteenth Century Art in Europe to Post Modernism, exploring major monuments and masterpieces of sculpture, ceramics, architecture and painting as each form relates to the achievements of humankind. A broad range of cultures will be examined to provide an understanding of different perspectives on how people have communicated visually through art forms.

**ART 215 Art Appreciation (3)** An introduction to the fundamentals of art through the analysis of the visual elements and principles of design that underlie all works of art. Students will discern an art work's subject matter and content through hands-on projects, lecture, writing assignments and class discussions. Students will explore themes, purposes, vocabulary and different media to expand their understanding and provide a deeper appreciation for the arts and the creative process involved.

**ART 216 Art Abroad (3)** Discover the arts on a semester break to Europe. The tour will consist of guided visits to art museums, historical sites, lectures, discussions and a taste of the culture to enhance your appreciation of the arts. An additional cost will be

added to the course fee that covers air, hotels, food, tours, transfer and a full time tour director.

**ART 217 Women Artists (3)** This course will provide a survey of women artists from the Renaissance to the twenty-first century and will examine contributions women artists have made in the western art tradition. A broad range of artworks created by women will be explored for their historical, social, political and personal content. The course will explore major movements within art history by examining the contribution of women artists chronologically.

**ART 218 American Art (3)** An overview of the visual arts in the United States. This course will cover the principal movements and trends in architecture, painting, and sculpture in American art from colonial to modern times.

**ART 219 Big Four Art Tour (3)** Tours and lectures will be provided at each museum to look at art from a variety of views, collections, themes, history and medium of creation. Students will be introduced to how collections of art are formed and will learn about the four museums in Philadelphia. Students will be introduced to the works around the Impressionist period and compare how they are viewed in each museum. Students will experiment working with graphite, charcoal, watercolor and acrylics/gouache, and will become familiar with a variety of techniques for drawing and painting outdoors. Students will learn the basic elements of color mixing, composition, and spatial relationships, as well as how to investigate and analyze the effects of light and atmosphere in the landscape. No previous fine arts experience is required.

**ART 301 Study Travel (3)** Study/travel immersion course to France conducted in English. Attendance in scheduled on campus classes, participation in Study Abroad travel event, and completion of final paper required to receive credit. Limited enrollment. Travel costs additional.

**ART 302 Graphic Design I (3)** Various aspects of graphic communication through the use of typography, photography, layout and general graphic techniques will be presented. Students will be encouraged to develop creative, original and conceptual ideas for solving communications problems utilizing professional studio practices and procedures. Lab work required. (Fee applies)

**ART 303 Painting I (3)** A basic studio course designed to explore the elements of painting. Gradual experimentation with various media and techniques applied to studies in still life, landscape, and life. (Fee applies)

**ART 306 Ceramics I (3)** This studio course develops pottery-making skills. The students experience the fundamentals of constructing clay objects, glazing, and firing hand-built ceramic ware. (Fee applies)

**ART 307 Ceramics II (3)** This course develops skills in wheel throwing pottery, slab, coil and pinch. Students will develop glazing techniques and explore the use of form, space and mass to construct a 3-D Ceramic work. Students will learn about historical and modern movements in Ceramics.

**ART 308 Interior Design (3)** A study of the fundamentals of design as applied to the home. Development of living units to meet varied psychological, economic, and spatial needs during the life cycle.

**ART 311 Graphic Design II (3)** This course will emphasize the observation and analysis of natural and man-made objects. This will lead students to create formalized graphic interpretations, developing images with correlation of text and their use with consideration for processes of reproduction. Studies outlined in ART 302 will continue with emphasis on the expressive possibilities of lettering and typography. Lab work required. (Prerequisite ART 302) (Fee applies)

**ART 319 Sculpture I (3)** The oldest form of visual expression, the three-dimensional image, will be explored. Form, space, mass, and light will be studied through the making of representational and abstract configurations. The vehicle of expression is hollowed-out clay which will be fired to create permanent sculptures. (Fee applies)

**ART 401 Independent Art Studies (1-3)** This course involves the development of a special project with the permission and under the direction of a member of the department. (Fee applies)

**ART 403 Painting II (3)** This studio course is designed to further develop the basics of painting and to apply these techniques to studies of still life, landscapes, and portraits. This course encourages application of fundamental painting skills toward more personally creative and expressive goals. (Prerequisite: ART 303) (Fee applies)

**ART 419 Sculpture II (3)** This course provides students with the opportunity to learn the direct stone/wood carving technique. (Prerequisite: ART 319) (Fee applies)

## Athletic Training (ATEP)

**ATEP 201 Foundations in Athletic Training (3)** The fundamentals of athletic training, including the history, purpose, and professional standards of the National Athletic Trainers' Association (NATA). Introduction to the educational curriculum standards, career options, professional ethics and professional responsibilities as well as medical terminology and legal concepts as related to athletic training. Basic first aid and CPR/AED skills will be introduced. (Successful completion of this course is required for admission into the Athletic Training program.)

**ATEP 202 Fundamental Skills Athl Training (2)** Introduction to the foundational skill sets necessary to function at a proficient level at each clinical site. Techniques, principles, and theory will focus on developing essential cognitive and psychomotor competencies and proficiencies used in athletic training. Skill sets include but are not limited to: fitting of protective equipment, protective padding/splint fabrication, taping and wrapping skills, and modality application.

**ATEP 210 Clinical I (2)** Course includes both didactic and experiential learning. Students will be assigned to assist the preceptors on campus or at an affiliated site with various sport assignments for a minimum of 100 hours. Focus of this clinical will be to understand the daily responsibilities of the certified athletic trainer and be introduced to the procedures for preventing, recognizing, evaluating, and treating athletic injuries and illnesses. (Athletic Training majors only)

**ATEP 301 Lower Extremity Evaluation (3)** Introduction to procedures and tests used to examine and diagnose injuries of the lower extremities and spine. Students will be able to identify risk factors for musculoskeletal injuries and be instructed in theory and proper techniques for diagnostic and special tests, including neurological, strength and range of motion assessment. (Prerequisite BIOL 209-210) 2 hours lecture, 2 hours laboratory

**ATEP 302 Upper Extremity Evaluation (3)** Introduction to the procedures and tests used to examine and diagnose injuries of the upper extremity, chest and head. Students will be able to identify risk factors for musculoskeletal injuries and illnesses and be instructed in theory and proper techniques for diagnostic and special tests, including neurological, strength and range of motion assessment. (Prerequisite BIOL 209-210) 2 hours lecture, 2 hours laboratory

**ATEP 303 Therapeutic Exercise (3)** Focus on therapeutic exercises and rehabilitation used in the treatment of athletic

injuries and illness. Introduction to various rehabilitation protocols stressing the importance of safe progression and body mechanics. Indications and contraindications for exercises are thoroughly examined. (Prerequisite BIOL 209-210). 2 hours lecture, 2 hours laboratory

**ATEP 304 WI: Therapeutic Modalities (3)** Overview of the planning and implementation of therapeutic modalities used to treat injuries and illnesses. An introduction to the physical, chemical, and mechanical modalities will complement the students' understanding of wound healing and their purpose in the treatment protocol. Students will gain an understanding of the human body's physiological response to various treatment methods. (Prerequisite BIOL 209-210) 2 hours lecture, 2 hours laboratory

**ATEP 305 Athletic Training Administration (3)** Examination of the administrative policies and procedures related to state licensure, national certification, continuing education, legal concerns, and athletic training department staffing, budgeting, equipment maintenance and record keeping.

**ATEP 306 Pharmacology and Pathology (3)** Examination of how illnesses and pharmacological agents effect body functions, including the cardiorespiratory and musculoskeletal systems. Focus will be on common illnesses and diseases that strike the physically active population, as well as common medications prescribed to physically active individuals. The ethical dilemmas and legal ramifications surrounding the use of recreational drugs and performance enhancing drugs will also be discussed.

**ATEP 310 Clinical II (3)** Course includes both didactic and experiential learning. Students are assigned to a minimum of 150 hours working with a preceptor either on campus or an affiliated site. The didactic portion of the course will focus on student understanding of methods used to assess and treat upper and lower extremity injuries. (Prerequisite: Clinical I, Athletic Training majors only)

**ATEP 311 Clinical III (3)** Course includes both didactic and experiential learning. Students are assigned to a minimum of 150 hours working with a preceptor either on campus or an affiliated site. The didactic portion of the course focuses on student understanding of methods used to assess and treat upper and lower extremity injuries. (Prerequisites: Clinical I & II, Athletic Training majors only)

**ATEP 401 Introduction to Research (3)** Fundamental concepts of research introducing the students to research design, problem selection, review of literature, and research methodology. Students will develop their own research question for intensive study and proceed through the various steps of the research proposal process. (Prerequisite: PSY 208)

**ATEP 403 Athletic Training Seminar (3)** Focus on current issues in athletic training. Students learn to become critical reflectors of published research and present their completed research projects at a department symposium. Students receive assistance in preparation for the National Athletic Trainers' Association Board of Certification (BOC) exam. (Prerequisites: ATEP 401, Athletic Training majors only, senior status)

**ATEP 410 Clinical IV (3)** Focus is mainly on experiential learning in the athletic setting. Students will be assigned to a minimum of 200 hours working with a preceptor either on campus or an affiliated site. Students will also complete a didactic portion of the course to discuss issues related to these experiences, especially bringing classroom theory to practice. (Prerequisites: Clinical I, II & III, Athletic Training majors only)

**ATEP 411 Clinical V (3)** Focus is mainly on experiential learning in the athletic setting. Students will be assigned to a minimum of

200 hours working with an ACI either on campus or an affiliated site. Students will also complete a didactic portion of the course that will focus on development as a professional in the field of athletic training. (Prerequisites: Clinical II, III, & IV, Athletic Training majors only)

## Biology (BIOL)

**BIOL 90 Biology Colloquium (0)** The biology colloquium meets three to four times during each academic semester for lectures and discussions led by visiting scholars, faculty, and other invited guests. Topics include biological research, medicine, and career information. Biology majors are required to attend each semester. Participation will be documented on transcript each semester

**BIOL 100 Introduction to Biological Techniques (1)** An introduction to the scientific method as well as the basic tools of modern biology from the microscope to gel electrophoresis. Designed for students who have completed a non-laboratory science course but need a laboratory component to fulfill core requirement. 2-hour laboratory

**BIOL 101 Introduction to Biological Techniques (1)** An introduction to the scientific method as well as the basic tools of modern biology from the microscope to gel electrophoresis. Designed for students who have completed a non-laboratory science course but need a laboratory component to fulfill core requirement. 2-hour laboratory

**BIOL 103 Human Biology & Ecology (3)** Designed for students who have little science background or for students who want to increase their science knowledge. Case studies and interactive learning are used to present an overview of the body systems with an emphasis on current and practical knowledge of human anatomy and its functions. Students will research specific disorders and diseases as well as appropriate treatments. Also included is an understanding of the basic ecological interrelationships between man and the natural world. Students will analyze current ecological issues including invasive species, climate change, pollution and other environmental concerns. 2 hours lecture, 2 hours laboratory

**BIOL 104 Cell Biology & Genetics (3)** Designed for those interested in the health sciences, this course includes the principles of cellular life: the chemistry, the structure, and the energetics of the cell as well as the principles of inheritance: cell division, chromosomes, human heredity, DNA structure and function, protein synthesis, recombinant DNA and genetic engineering. Laboratory activities will complement these topics. 2 hours lecture, 2 hours laboratory

**BIOL 106 Science for Elementary Education (3)** This course presents content and pedagogy for the teaching of science in grades K-4 and requires learning essential science content through the perspectives and methods of inquiry. Students actively investigate phenomena that can be studied scientifically, interpret results, and make sense of findings consistent with currently accepted scientific understandings. 2 hours lecture, 2 hours laboratory. Education students only.

**BIOL 111 Introduction to Human Diseases (3)** Designed for students with little or no science background, this online course provides an overview of various communicable diseases. The biological basis, mode of transmission, and treatments will be discussed as well as strategies for prevention and containment. The laboratory combines experimental and clinical investigations of several types of disease causing agents. 2 hours lecture, 2 hours laboratory

**BIOL 112 Human Ecology (3)** This online course is designed for students with no science background who wish to better

understand current environmental problems and issues. Through use of online discussions, short essays, and laboratory reports, students examine and analyze the intricacies of current environmental issues on a local, regional and global basis. This course requires considerable independent thought, critical reading and thinking, and an interest in current environmental problems. 2 hours lecture, 2 hours laboratory. Students enrolling in BIOL112 cannot enroll in BIOL113.

**BIOL 113 Environmental Science (3)** An introduction to environmental problems designed for students with no science background. This course presents an overview of current environmental issues with an emphasis on understanding the cause-effect relationships inherent in many of the environmental challenges we face today. Emphasis is placed on use of case studies, class discussions, laboratory investigations, and student presentations to study and analyze the issues. This course is engaging, but a serious course that requires considerable critical reading, an innate interest in the subject, and self-discipline to attend all the lectures and laboratories to do well. Business students are encouraged to learn concepts that can be applied to many current environmental fields. 2 hours lecture, 2 hours laboratory. Students enrolling in BIOL113 cannot enroll in BIOL112.

**BIOL 115 Biotechnology (3)** Designed for students in business and those interested in the modern-day applications and controversies of biotechnology. This course will identify and explain the multi-step process of recombinant DNA technology and expression of a protein product and develop a business plan for its marketing. This course will also investigate biotech stocks and the use of bio-organisms as producers of energy. (Fulfills a core requirement) 2 hours of lecture, 2 hours of laboratory.

**BIOL 202 Exercise Structure & Function (4)** Designed for students in sports management and related fields, this course presents the basic concepts in human anatomical structure and physiology with relation to body movement and exercise. Topics presented as they relate to exercise include: musculoskeletal system, reflexes, nutrition, physiology of training, sport injury, cardiovascular system, hydration and water balance, and the endocrine system. 3 hours lecture, 2 hours laboratory

**BIOL 204 Microbiology for Food Science (3)** Introduction to the basic principles of microbiology for students interested in the allied health professions, nutrition and food service management fields. This course is designed to provide a solid working knowledge of microorganisms and their relation to food, sanitation, health, and industry. 2 hours lecture, 2 hours laboratory

**BIOL 205 Human Genetics (3)** A study of basic human genetics with a primary focus on gene transmission from generation to generation. Topics covered include human reproduction, gene transmission, biotechnology, epigenetics and genetic testing as well as basic gene expression. Laboratory will focus on classical genetics, molecular genetics and biotechnology to illustrate the rapidly advancing field of experimental genetics. 2 hours lecture, 2 hours laboratory

**BIOL 207 Human Biology (3)** An introduction to the anatomy and physiology of the human body. All systems of the body will be considered with an emphasis on normal anatomy and physiology. 2 hours lecture and 2 hours laboratory

**BIOL 208 Microbiology for Health Science (4)** An exploration of the structure and function of microorganisms as they relate to the economy of nature; the role of pathogens in human disease; and methods of prevention of contamination. 3 hours lecture, 2 hours laboratory

**BIOL 209 Human Anatomy & Physiology I (4)** A study of the underlying process, at the cell, organ, and system levels of

organization, which are the backbone of our modern understanding of the functioning human body; covers integumentary, skeletal, muscular, and nervous systems. 3 hours lecture, 2 hours laboratory

**BIOL 210 Human Anatomy & Physiology II (4)** Continuation of BIOL209; covers cardiovascular, immune, respiratory, digestive, urinary, reproductive, and endocrine systems. (Prerequisite: 209 or permission of instructor) 3 hours lecture, 2 hours laboratory

**BIOL 233 Cell Biology (4)** A study of basic cellular and biochemical processes to provide a foundation for advanced work in biology. Laboratory explores basic biological functions such as respiration, enzymatic digestion, cell structure and functions. (Pre- or co- requisites: CHE103, MATH207 or 301; or permission of instructor) 3 hours lecture, 3 hours laboratory

**BIOL 234 Genetics (4)** This course includes fundamental Mendelian principles of heredity as well as an introduction to molecular genetics. Topics covered include: DNA structure and function, protein synthesis, recombinant DNA, genetic engineering, viruses and biotechnology. Laboratory will focus on inheritance in fruit flies and an introduction to molecular biology techniques including restriction enzymes, PCR, and cloning. (Prerequisites: MATH 207, BIOL233, CHE103, or permission of instructor) 3 hours lecture, 3 hours laboratory

**BIOL 245 Animal Behavior (3)** Mentored exploration of the mechanisms, ecology, and evolution of diverse behaviors of animals. Emphasis on basic concepts and analysis of reported observations and experiments. Does not count as a lab science.

**BIOL 291 Special Problems (1-3)** Student-oriented laboratory, field, and/or literature studies. Admission to the courses by application to the Biology faculty.

**BIOL 292 Special Problems (1-3)** Student-oriented laboratory, field, and/or literature studies. Admission to the courses by application to the Biology faculty.

**BIOL 305 Evolution & Diversity (4)** A comprehensive overview of the theory of evolution and our current understanding of the pattern of "descent with modification" that has produced the many diverse forms of life that have existed on Earth. Laboratory studies include working with models of evolutionary processes, classification of organisms, observations of structural and functional adaptations important to diverse groups of organisms, and deducing patterns of descent from morphological and molecular data. (Prerequisites: BIOL234 or permission of instructor) 3 hours lecture, 3 hours laboratory

**BIOL 307 WI: Ecology (4)** This course focuses on how biotic and abiotic factors influence ecological adaptation. Population, community, and ecosystem level processes that generate the observed patterns of plant and animal distribution and abundance are studied. Patterns of diversity, stability, dominance, biogeography, succession, and behavior are examined. Principles are demonstrated through use of case studies, models, and field experiments. (Prerequisites: BIOL233, 234; or permission of instructor) 3 hours lecture, 3 hours field/laboratory

**BIOL 308 Botany (1)** An introduction to the structure, growth, development, and responses of flowering plants. (Prerequisites: BIOL 233, CHE103; or permission of instructor)

**BIOL 309 Vertebrate Structure & Function (4)** A survey of vertebrate anatomy and physiology, placing vertebrate form and function within an evolutionary context. Beginning with fishes and ending with mammals, emphasis is placed on identification and description of key characteristics and evolutionary innovations of the vertebrate classes using a comparative approach. The laboratory involves making detailed comparisons among selected vertebrate types through observation, microscopy and dissection. (Prerequisites: BIOL233, CHE103; or permission of instructor) 3

hours lecture, 3 hours laboratory

**BIOL 310 Developmental Biology (4)** Developmental biology presents a classical and molecular analysis of our current understanding of embryonic development. A comparative approach is employed to demonstrate significant patterns in embryological development. Although vertebrate development is emphasized, other organisms are explored as time permits. Students conduct directed as well as independent research projects to explore the role of environmental agents on early embryonic development. (Prerequisites: BIOL233, 234, CHE104, MATH208 or 302; or permission of instructor) 3 hours of lecture, 3 hours laboratory

**BIOL 320 Junior Seminar (1)** This course seeks to develop analysis and writing skills in the context of modern Biological topics. Using journal article discussion and writing assignments, students will examine selected topics in Biology. The course includes instruction in scientific writing, use of contemporary scientific literature, and library research techniques. Students will write a research proposal that will include the formulation of a hypothesis supported by a literature review and the development of an experimental protocol. (Prerequisites: MATH 207 and 208 or MATH 301 and 302, CHE 103,104, BIOL 233, 234, and junior status; OR permission of the department) 1 hour lecture

**BIOL 323 Microbiology (4)** Introduction to the microbial world with detailed study of bacteria: classification, morphology, physiology, and genetics, and the role of pathogens in human disease. Laboratory stresses aseptic handling and recognition of microorganisms, identification of unknown bacteria, and independent investigation. (Prerequisites: BIOL233-234, CHE103-104; or permission of instructor) 3 hours lecture, 3 hours laboratory

**BIOL 335 Principles of Physiology (4)** Concentration on bioelectrical and biomechanical principles and their application to the functioning of cells and groups of cells, particularly in regard to epithelial transport, neurons, and muscles. (Prerequisites: BIOL233 and 309, OR BIOL 209 and 210, CHE103-104, or permission of instructor) 3 hours lecture, 3 hours laboratory

**BIOL 340 Comparative Animal Behavior (4)** A four-credit hour course with a laboratory component. It is intended to familiarize students with the perspectives, theories, and methods of the biological study of behavior. This course examines animal behavior from both a mechanistic and a functional perspective. The course will equip students to understand the variety, function, and evolution of animal behavior across a variety of species. We will examine the development, underlying neurology and physiology, adaptive function, and application of behavior to understanding feeding, habitat selection, communication, reproduction, parenting, etc. Current research advances will be stressed, including use of mathematical, statistical, and computer modeling approaches. Primary literature will be a focus of the reading assignments, supplemented by text material as deemed necessary. Students will be exposed to methods for the design, analysis and interpretation of behavioral experiments. (Prerequisites: BIOL 305, 307)

**BIOL 366 Molecular Biology (4)** An emphasis on the continuum of biological understanding, starting with basic properties of genes and genomes and extending to the complex interactions fundamental to all living organisms. This course will provide students with a comprehensive picture of the many ways molecular genetics is being applied to the analysis of complex systems. Laboratory will focus on molecular cloning methods including blotting techniques, transformation, electrophoresis, and fingerprinting as well as protein and antibody assays. (Prerequisites: BIOL233, 234, MATH208 or 302; CHE103-104 or permission of the instructor) 3 hours lecture, 3 hours laboratory

**BIOL 391 Biological Research (3)** Students meeting certain academic requirements are invited to conduct a research project under the supervision of a Biology faculty member. (Prerequisite: 16 credits in BIOL200 and/or 300 level courses including 1 or 2 preparatory credits in BIOL291 and permission of department) 6 hours field/laboratory

**BIOL 392 Biological Research (3)** Students meeting certain academic requirements are invited to conduct a research project under the supervision of a Biology faculty member. (Prerequisite: 16 credits in BIOL200 and/or 300 level courses including 1 or 2 preparatory credits in BIOL291 and permission of department) 6 hours field/laboratory

**BIOL 396 Senior Seminar I (1)** The seminar includes the development of a research hypothesis supported by a comprehensive literature review and the actual execution of a laboratory/field project and data collection. Successful students demonstrate considerable independent initiative and motivation. Students who have already completed their research projects prior to enrollment in this course receive help and support in data analysis, paper preparation, and writing. 1 hour lecture

**BIOL 397 Senior Seminar II (1)** In this capstone seminar, students write and orally present a formal scientific report showcasing the results of a laboratory/field project performed in a previous course or during an approved on- or off- campus research project. The report includes a hypothesis supported by a comprehensive literature review, a description of the experimental protocol, and a presentation and an analysis of the data collected during Senior Seminar I or related experience. (Prerequisites: 16 credits in biology 300 level courses and BIOL 396, or permission of department) 1 hour lecture

## Business (BUS)

**BUS 200 Special Topics in Business (1-3)** Current topics dealing with ongoing facets of business administration

**BUS 235 Business Computer Applications (3)** Designed for exploration and development of computer application skills in a practical business context. Computer applications covered include Microsoft Excel, Word and PowerPoint. Cloud computing and professional social networking are examined. These applications are applied to presentations, project planning, information display and research (Fee applies)

**BUS 302 Personal Finance (3)** Introduction to personal financial evaluation, management, and planning. The course provides the student with an understanding of consumer credit, life insurance, health insurance, property and casualty insurance, wills, trusts, Social Security, stocks, bonds, real estate, mutual funds, retirement planning, and other topics. Student may only receive credit for BUS 302 OR FIN 367.

**BUS 303 History of American Business (3)** The history of American business from colonial times to the present. The course offers a variety of case studies from well-known companies and industries and a thematic emphasis on government-business relations.

**BUS 315 WI: Business Law I (3)** Develops an understanding of the principles and doctrines of law as they relate to commercial transactions. Explores the impacts of judicial decisions (Case Law) and government regulation (Administrative Law) on business decisions and management. Discussions include: major classifications of law, types of business organizations, contract law as the foundation of all business transactions, and tort law and the operation of government regulatory agencies.

**BUS 316 Business Law II (3)** A study of the sources and enforcement mechanisms of administrative law (commonly known

as government regulation) at local, state and federal levels with an aim for overall understanding of government administrative agencies and their impact on the operation of American businesses. Topics include environmental, employment, financial, banking and occupational safety laws.

**BUS 320 Business of Health Care (3)** An understanding of health care delivery in the United States. A comparative analysis with other nations will emphasize the complex nature of the health care industry. The course explores the changing nature of health and medical care and the implications for medical practice and health policy.

**BUS 324 Entrepreneurship (3)** How to start your own business: from concept to reality. A study of the challenges and responsibilities of an entrepreneur. Operational strategies concerning business, financial, and marketing plans, along with advertising, human resource, legal, and ethical issues.

**BUS 327 Managing Business Information (3)** A focus on the methods with which organizations access, compile, analyze, interpret and disseminate information and the way in which organizations use information in the planning, managing, and decision-making processes. The objective is to understand the constantly evolving role of information technology in providing the tools and techniques for effective use of management information.

**BUS 333 Operational Effectiveness (3)** Planning, management and analysis of business operations to create effective and efficient production and distribution of goods and services. Analysis and design of effectiveness through analytical and decision making techniques for operations management, business process design, Total Quality Management, Lean, and Six Sigma. (Prerequisite: ECO 307 or FIN 362)

**BUS 338 Business Ethics (3)** Provides students with insights into an organization's responsibilities to its stakeholders: employees, customers, shareholders, competitors, and the community at large. Moral principles and codes of ethics will be examined as the basis for the standards of leading and managing a commercial enterprise. This course is typically offered as a Service Learning (SL) course.

**BUS 340 Topics in e-Commerce (3)** An introduction to the business models, strategies, and tactics of doing business in the Internet economy. The course objective is to build a solid knowledge of e-commerce, current e-business trends, and the fundamental underlying web technologies, which will be achieved through case studies and online activities.

**BUS 345 Global Business (3)** This integrative course examines the challenges facing multinational companies in today's global economy. The course examines international political, legal, and economic differences, as well as cultural dimensions and foreign investment activities that companies must consider to compete in the global market place.

**BUS 360 Business Management (3)** Introduction to the structure and role of business management. Emphasis of discussions concentrates on the business strategies of planning, organizing, leading, staffing and controlling regarding policies and procedures.

**BUS 365 WI: Strategic Planning (3)** A survey of current concepts, models, and practices of strategic planning and resource allocation in a business organization. Discussions, exercises, and projects will provide practical experience with the development of organizational mission, vision and values statements, external and internal environmental analyses, long range goals and objectives, and implementation plans. (Students must hold senior status [90 credits] as department majors.) (Fee applies)

**BUS 366 Leadership Dynamics (3)** This course will develop an awareness of the knowledge, abilities, and skills that a professional needs in order to perform effectively in leadership situations. Areas

of inquiry include examination of individual temperament, leadership theories and styles, leader-collaborator relationships, group and organizational dynamics, problem and decision analysis, and conflict resolution.

**BUS 398 Business Practicum (3)** This culminating course prepares students for the real challenges of working in business management. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

**BUS 399 Business Practicum (3)** This culminating course prepares students for the real challenges of working in business management. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

**BUS 401 Independent Study & Research (1-6)** Provides an opportunity for a junior or senior to engage in independent study and research in a specific phase of the major field.

**BUS 450 Special Topics in Business (1-12)** Advanced business studies special topics. (1- 12 credits)

## Business and Leadership (BUSL)

**BUSL 308 Technology in Decision Making (3)** Technology is integrated throughout all areas of an organization. This course will focus on some of the major technology used in organizations, such as Microsoft Office products (Excel), SAP technology (such as Enterprise Resource Planning, through the SAP University Alliance) and Social Networking applications. These and/or other technology components, which are embedded throughout the curricular program, will be studied.

**BUSL 375 Practices in Management & Leadership (3)** Management and Leadership theories and applications are examined. Relating planning, organizing, leading and controlling with many leadership styles focusing on the organization and its employees are necessary challenging skills in the 21st century.

**BUSL 377 Corporate Law & Social Responsibility (3)** Develops an understanding of the principles and doctrines of law that govern the establishment and operation of business organizations. Explores the impacts of legislation (statutory law), judicial decisions (Case Law), and government regulation (Administrative Law) on business decisions and management. Discussions include: major classifications of law, types of business organizations, contract law as the foundation of all business transactions, tort law, and the operation of government regulatory agencies. Current trends in Corporate Social Responsibility that impact organizational governance and management are considered in light of their benefits to society.

**BUSL 378 Team Leadership & Coaching (3)** This course will develop the knowledge, abilities, and skills needed to lead high-performance teams in a rapidly changing, globalized commercial environment. Emphasis is placed on the study of group and organizational behavior, including examination of individual temperaments, interpersonal communication, leading change initiatives, mentoring, coaching and conflict resolution.

**BUSL 393 Global Leadership (3)** This course will develop a foundational understanding of the knowledge, abilities, and skills that professionals need in order to perform effectively in leadership situations in within globally-oriented business operations. Areas of inquiry include leadership theories and styles,

interpersonal communication, emotional intelligence, group and organizational dynamics, problem and decision analysis, change management, and conflict resolution.

**BUSL 394 Project Planning/Implementation (3)** This course explores essentials of successful project management. Execution of complex projects requires decision-making clarity, and stakeholder alignment as well as alignment of the steps, timing, resources and capabilities with a project's overall goals. Throughout project implementation, effective communication, reallocation of resources and plan revisions impact success.

**BUSL 395 Emergency & Risk Management (3)** Organizations can proactively identify and address risks as well as prepare for response and recovery in emergencies. Understanding, forecasting and evaluating operational, financial and emergency-related risks are explored along with examining how organizations build preparedness, mitigate exposure and respond to enterprise risks effectively.

**BUSL 396 Leading Strategy/Change in Business (3)** Theories and practices of strategy development and execution are examined in business case scenarios. Key topics covered include vision-driven innovation, pursuit of differentiated competitive advantage, and deployment of distinctive capabilities. Although a plan is required to enact a strategy, often the most significant lever for success is establishing effective change. (Prerequisite: completion of 90 credit hours).

## Cross Cultural Studies (CCS)

**CCS 103 Comparing Cultures-U.S./Others (3)** Study of the assumptions and values of mainstream U.S. culture as contrasted with other cultures of the world. Oral presentations, roundtable discussions, and written essays to encourage contrastive analysis of U.S. and other cultures.

**CCS 115 East Asian Culture (3)** In this survey course, students will read and discuss classical and contemporary sources regarding the history, socio-economic, religious, geographic, food and nutritional habits, immigration and aesthetic factors that have influenced the culture of China, Japan, and Korea. Students will experience various forms of East Asian culture present in our local area and reflect, through journaling, on their interaction with East Asian culture. They will research one specific area of culture and present their findings in their individual, culminating research paper and presentation to the class.

**CCS 320 Hispanic Culture (3)** Students will learn the most important traits of the cultures of the Spanish-speaking world within and outside of the United States. They will further develop their sensitivity toward and appreciation of Hispanic cultures. Offered only through corporate training opportunities. (Prerequisites: SPAN 163, 164, 165)

**CCS 332 HON: Latinos in the U.S. (3)** Study of the historical, literary, artistic development of Latinos in US, immigration issues and Latino participation in politics and civil life.

**CCS 335 HON: Global Studies (3)** Theories of globalization. As the peoples of the world become more interdependent in terms of technology, economics, and cross-cultural exchange, various issues arise. Examination of the major views of globalization and its critics, studying how the process occurs in the context of one specific non-Western city.

**CCS 340 Cross Cultural Communication (3)** Exploration of the dynamics of international diversity and intercultural communication within the context of the globalization of the world economy.

**CCS 341 Cultural Modes of Expression (3)** Exploration of the nuances of intercultural expression in the global community for an

awareness and sensitivity needed for mutual understanding in international affairs. (Offered only in ACCEL<sup>®</sup> accelerated format.) CUS student required special permission to enroll.

## Chemistry (CHE)

**CHE 100 Survey of Chemistry (4)** A survey of general, organic, and biochemistry with emphasis on basic chemical concepts and the relationships among these three branches. 3 hours lecture, 2 hours laboratory. (BSN, RN to BSN, Sport Management, and Movement Science students only)

**CHE 101 Basic College Chemistry I (3)** A basic course in the fundamental laws, theories, and experimental techniques of chemistry and the application of chemistry to relevant societal concerns. Introduction to scientific method, matter and elements, chemical reactions, chemical composition. 2 hours lecture, 2 hours laboratory.

**CHE 102 Basic College Chemistry II (3)** A continuation of CHE 101, continuing the study of the fundamental laws, theories, and experimental techniques of chemistry and the application of chemistry to relevant societal concerns. Introduction to chemical quantities, energy, modern atomic theory, chemical bonding, acids and bases. 2 hours lecture, 2 hours laboratory. (Prerequisite: CHE 101)

**CHE 103 Fundamental Chemical Concepts I (4)** A systematic study of the theories and principles governing the composition and behavior of matter. Dimensional analysis, unit conversions, basic atomic theory, basic inorganic nomenclature, introduction to chemical reactions, stoichiometry, gases, and thermochemistry. 3 hours lecture, 3 hours laboratory. (Prerequisites: Secondary school chemistry with at least a B grade or CHE 101-102 at Immaculata with at least a B grade, or permission of the instructor. Pre- or Co-Requisites: MATH 207/208 or MATH 301/302)

**CHE 104 Fundamental Chemical Concepts II (4)** A systematic study of the theories and principles governing the composition and behavior of matter. Valence bond and molecular orbital theory, solutions, inter- and intramolecular forces, chemical equilibrium, chemical kinetics, and electrochemistry. 3 hours lecture, 3 hours laboratory. (Prerequisites: Secondary school chemistry with at least a B grade or permission of the instructor; CHE 103. Pre- or Co-requisites: MATH 208 or MATH 302).

**CHE 105 Forensic Science I (3)** An introduction to the terminology and techniques used in forensic science. The course will include processing the crime scene, the microscope, death investigation, basic, analytical, and organic chemistry as applied to analysis of physical evidence such as blood, fingerprints, firearms, and other relevant forensic topics. 2 hours lecture, 2 hours laboratory.

**CHE 106 Forensic Science II (3)** An introduction to the terminology and techniques used in forensic science. The course will include crime scene investigation, fire and explosion investigation, hair and fibers, basic, analytical, and organic chemistry as applied to analysis of physical evidence such as, glass, drugs, poisons, DNA, and other relevant forensic topics. 2 hours lecture, 2 hours laboratory

**CHE 110 Lab Techniques in Chemistry (1)** A two-hour introductory laboratory for those who need a one credit laboratory course.

**CHE 200 WI: Chemical Literature (3)** An introduction in how to retrieve and understand chemical information from print and electronic sources. Discussion topics will include: the process of conducting research in chemistry, grant writing, manuscript preparation, the process of peer review, major publishers of

- chemical literature, different types of journals, and the various types of publications. The course will survey current chemical issues and research. 3 hours lecture
- CHE 201 Introductory Organic Chemistry (3)** A basic course in the study of carbon compounds. Classification of organic compounds, nomenclature, chemical and physical properties of organic compounds, stereochemistry, and introduction to organic reactions. 2 hours lecture, 2 hours laboratory. Open to students who are not concentrating in chemistry. (Prerequisites: CHE 101-102 or CHE 103-104)
- CHE 202 Introductory Biochemistry (3)** An introduction to the study of lipids, proteins, carbohydrates, and nucleic acids in relation to metabolism. Open to students who are not concentrating in chemistry. (Prerequisite: CHE 201 or CHE 211) 2 hours lecture, 2 hours laboratory
- CHE 211 Organic Chemistry I (4)** A comprehensive study of the structure, reactions, and reaction mechanisms of organic compounds. Classification of organic compounds, structure and bonding, nomenclature, stereochemistry, spectroscopy, and physical organic chemistry. 3 hours lecture, 3 hours laboratory (Prerequisite: CHE 103-104 with a grade of C or better)
- CHE 212 Organic Chemistry II (4)** A comprehensive study of the reactions and mechanisms of organic compounds with an emphasis on synthesis and how molecular structure effects reactivity. Carbonyl chemistry, amines, substitution reactions, addition and elimination reactions, aromaticity and electrophilic aromatic substitution. 3 hours lecture, 3 hours laboratory. (Prerequisite: CHE 211)
- CHE 304 Instrumental Analysis (4)** Gravimetric, volumetric, and instrumental analysis with emphasis on application of analytical separation techniques, spectroscopic methods, and other methods. 2 hours lecture, 4 hours laboratory (Prerequisites: CHE 103-104 and CHE 211-212)
- CHE 310 Structural Organic Analysis (3)** Qualitative organic chemistry presented via a spectroscopic methodology supplemented by classical chemical and physical techniques. Topics include mass spectrometry, infrared spectroscopy, 1&2D NMR, multi-nuclear NMR, advanced NMR methods, and electron spin resonance (ESR). (Prerequisites: CHE 211-212)
- CHE 313 Physical Chemistry I (4)** A qualitative and quantitative study of the properties of bulk matter. Classical chemical thermodynamics, fundamental thermodynamic functions, 1st, 2nd, and 3rd laws, electrochemistry, equilibria, properties of solutions, colligative properties, application of thermodynamics to biological processes, and chemical kinetics. 3 hours lecture, 3 hours laboratory (Prerequisite: CHE 211-212)
- CHE 314 WI: Physical Chemistry II (4)** A qualitative and quantitative study of the microscopic properties of matter. Statistical thermodynamics, partition functions, Quantum mechanics, chemical bonding, molecular symmetry/group theory, spectroscopy, IR, Raman, ESR, and NMR. CHE 313 is not a prerequisite. 3 hours lecture, 3 hours laboratory (Prerequisite: CHE 211-212)
- CHE 315 Physical Chemistry III (3)** A study of the solid state, chemical processes at surfaces, and the role of photochemistry and photobiology. 3 hours lecture (Prerequisite: CHE 313-314)
- CHE 317 History of Chemistry (1)** The evolution and ethics of modern chemistry from the late 1800s. 1 hour lecture
- CHE 318 Advanced Organic Chemistry (3)** Physical organic chemistry, the thermodynamic and kinetic basis for organic reactions. Mechanisms of organic reactions and methods for studying them. 3 hours lecture (Prerequisite: CHE 211-212)
- CHE 320 Inorganic Chemistry (3)** In-depth study of atomic and molecular structure related to metal and metalloid compounds. Review of acids and bases. Study of the structure and reactivity of the main group elements, transition metal, and organometallic complexes and compounds. Use of spectroscopic data in interpreting structure and reactivity of inorganic compounds. 3 hours lecture (Prerequisite: CHE 313)
- CHE 326 Fundamentals of Medicinal Chemistry (3)** An introductory course in drug discovery and drug design. Topics include: the drug discovery process, organic chemistry of drug synthesis (lead compounds and analogues), therapeutic areas elementary pharmacokinetics and pharmacodynamics, receptor sites and drug targets, optimization of physio-chemical properties, and mechanisms of drug action in biochemical pathways. (Prerequisite: CHE 211) 3 hours lecture
- CHE 327 Analytical Chemistry (3)** The course is an advanced chemistry elective with an emphasis on classical quantitative chemical analysis applicable to topics important to chemistry and biology majors. Topics will include: sample preparation, equilibrium, statistics for analysis of data; methods will include, titration, gravimetric, volumetric, potentiometric and colorimetric analysis. (Pre-requisite: CHE 211) 2 hours laboratory, 1 hour lecture
- CHE 330 Biochemistry I (3)** Physical and chemical behavior of biomolecules, receptors/signaling mechanisms, and a consideration of metabolism. 3 hours lecture. (Prerequisite: CHE 211-212 with a grade of C or better)
- CHE 331 Biochemistry II (3)** Selected topics in metabolism, biosynthesis, hormonal regulation, and information pathways of biomolecules. 3 hours lecture. (Prerequisite: CHE 330)
- CHE 350 Seminar in Chemistry I (1)** The first semester of a two-semester senior capstone experience. The focus includes the different aspects of chemical research such as: choosing an appropriate research project, conducting a literature review, writing a research proposal, and defending the research proposal to peers. Students will obtain experience in these various areas through experiences with research either on- or off-campus.
- CHE 351 Seminar in Chemistry II (1)** The second semester of a two-semester senior capstone experience. The focus includes the different aspects of chemical research such as: experimental design, planning and conducting of experiments, analysis of experimental data, writing a research paper, and presenting research results to peers. Students will obtain experience in these various areas through experiences with research either on- or off-campus.
- CHE 399 Introduction Lab & Recitation Teaching (1-3)** This course is a one semester laboratory course where the student works with a faculty member teaching either a CHE 1XX or CHE 2XX level course. The student will be exposed to safety, setup and mentoring the students during the laboratory hours under the direction of the laboratory instructor. In addition the student will serve as a tutor and mentor for those students enrolled in the laboratory course. They will not be involved in any grading of the enrolled students. It is open to any STEM or secondary education certification student. (Prerequisites: a grade of B or better in CHE 103/104 and CHE 211/212)
- CHE 401 Advanced Research in Chemistry (1-6)** Student works on a laboratory research project with permission and guidance of a Chemistry Department faculty member.
- CHE 402 Advanced Research in Chemistry (1-6)** Student works on a laboratory research project with permission and guidance of a Chemistry Department faculty member.

## Computer Science (CIS)

**CIS 105 3D Computing (3)** Introduces computing concepts using a 3D visual environment which simplifies the complexities associated with computing. Provides an understanding of computing constructs, logic, object-oriented programming, event-driven programming, algorithms, and problem solving through the creation of 3D characters and environments. (Open to all students)

**CIS 203 Computers and Information (3)** Explores how and why computers are bringing about the current shift in the meaning of and the access to information. Hands-on use of computers will be an essential ingredient in the development of the knowledge and skills necessary to use computers for common business applications, in an understanding of the fundamentals of technology, and in the ability to assess the advantages and limitations of computers. (Accelerated format only)

**CIS 218 Software Design & Programming I (3)** Applies intermediate concepts for designing and creating software applications. Content includes problem solving, algorithm design, decomposition of complex ideas into manageable and understandable components, evaluation of algorithm design and implementation via an object-oriented programming. (Prerequisite: CIS 105, an approved prior programming course, or instructor's approval)

**CIS 224 Database and Information I (3)** Introduces the fundamentals of database, including: development life cycle, data modeling, SQL, architecture, and a survey of new developments. Hands-on projects give the student practical experience with these concepts.

**CIS 226 Databases: Querying & Reporting (3)** Introduces the concepts driving the data modeling process with an emphasis on interpreting data models, creating queries via Structured Query Language (SQL), and determining reporting requirements.

**CIS 317 Networks and Infrastructure (3)** Introduces technical strategies in terms of the hardware, software, and networking concepts that form the infrastructure supporting data communication for organizations.

**CIS 326 Data Structures (3)** Explores basic concepts of data organization. Topics include strings, lists, graphs, and trees; file structure; searching and sorting techniques, applications. (Prerequisite: CIS 218, approved prior programming course(s), or instructor's approval)

**CIS 335 Technology and Ethical Issues (3)** Presents the social and professional environment and context in which information technologists work. Explores the historical, ethical, and legal aspects of computing as it applies to organizations. Also develops communication and teamwork skills relevant to presenting technical information.

**CIS 343 Analysis and Modeling (3)** Introduces the concepts and approaches used to perform analysis; thus, determining the requirements needed for an information system. Applies the analysis results by illustrating the requirements using modeling techniques.

**CIS 345 Data and Information II (3)** Explores advanced topics of data theory and practice, including data quality, data integration, data administration, and overviews of distributed databases and object-oriented data modeling. (Prerequisite: CIS 224)

**CIS 351 Software Design & Programming II (3)** Applies advanced concepts for designing and creating software applications. Continues the development of problem solving, algorithm design and implementation via object-oriented programming begun in CIS 218 (Prerequisite: CIS 218)

**CIS 405 Professional Internship (1-3)** A limited-enrollment, mentored professional field experience in the application of

computer-science skills. Students apply for positions that will provide hands-on field experience and enhance career readiness.

(By prior arrangement with a member of the department)

**CIS 406 Software Quality and Testing (3)** An introduction to the processes, procedures, techniques, and best practices used to increase software product quality. (Prerequisites: CIS 218 and CIS 224)

## Communication (COM)

**COM 190 Theatre Practice 1** Participation in the fall or spring production of Cue and Curtain (major role or responsibility). Open to all students who qualify by audition or experience.

**COM 200 Business & Technical Writing (3)** An introduction to style and forms in business and technical writing with emphasis on an understanding of global communication in the modern workforce and the importance of purpose and audience, using direct writing and clear language.

**COM 201 Sign Language I (3)** American Sign Language (ASL) is the language used by the Deaf Community in the United States. American Sign Language I will help students learn vocabulary and the sentence structure needed to communicate through American Sign Language.

**COM 202 Sign Language II (3)** American Sign Language (ASL) is the language used by the Deaf Community in the United States. American Sign Language II will continue the learning started in American Sign Language I and help students learn vocabulary and the sentence structure needed to communicate through American Sign Language. (Prerequisite: COM 201)

**COM 206 WI: Journalism (3)** An introduction to the practice of journalism and the role of the journalist in today's media world. Students will demonstrate an understanding of and enjoy the process of journalistic writing in all of its steps.

**COM 207 Introduction to Creative Writing (3)** Discussion of terms, strategies, and professional models in poetry and fiction with practice in writing and critiquing.

**COM 208 Cell Phone Photography (3)** This course will engage in critical thinking as to the intent of cell phone cameras in our culture and provide theory to support some discourse on responsible use of such devices while also providing instruction on maximizing both picture and video usage of these cell phones to fully engage, appreciate, and capitalize on the values of such in the fields camera functions & operation, workflow, cell phone photo apps, and photoshopping/editing images with phone apps.

**COM 210 Broadcasting Basics (3)** Introduces students to broadcasting history and medium. Includes principles of voicing, posture, composure, copy editing, and interaction with copy on the screen.

**COM 211 HON: Media and Love (3)** On film and through new technologies, media have influenced how we find romantic love, what we expect from romance, and where or with whom we make meaningful connections. This course will ask students to think critically about media representations in American Culture, as well as new technologies of love. Do media help us understand and practice love? If not, how can we expand our conception of love beyond formulaic narratives and compatibility matrices? Why is popular culture so myopically focused on romantic love? How are different kinds of love connected to our search for a happy and meaningful life? Our exploration will be theoretically grounded by readings in Cultural Studies, which proposes media representations as ideologically charged through rhetorics of difference (race, class, gender, etc); Media Ecology, which sees new technology as an environment that dictates the kind of conversations we can have, who can speak, and who can listen; and perspectives on the concept of love

**COM 212 Video Production Basics (3)** An introduction to the process of video production for professional use. Students would learn how to: plan a video production, operate various pieces of production equipment, produce a program, evaluate the quality of finished video productions, and determine the appropriate type of production for a given circumstance.

**COM 216 Media Scriptwriting (3)** Introduction to writing scripts for broadcast radio and television, cable systems, and podcasts. Students learn the process and appropriate formats for writing continuity, including commercials and PSAs, as well as long-form informational programs.

**COM 217 Broadcast Performance (3)** An introduction to voice and body work in front of the camera through basic elements of anchoring, weather reporting, sports casting, interviewing, and commercial reads for both radio and television.

**COM 218 Broadcast Marketing (3)** This course covers translating marketing objectives into media objectives, analyzing audience data and estimating costs, as well as buying and selling advertising time and space for radio, television, Internet and mobile. Students will learn to evaluate all major media assessing their inherent strengths and weaknesses to ultimately develop focused media campaigns and compelling media presentations.

**COM 220 Media Programing (3)** Introduction to the theory and practice of programming for electronic media, including broadcast radio and television, cable TV, satellite radio and TV and online video and audio.

**COM 221 Broadcast Performance II (3)** An extension of the broadcast performance class focusing on finer skills sets of broadcast arts culminating in a full-class project benefitting the university. (Pre-requisite: COM 217)

**COM 224 WI: Writing for the Web (3)** This course focuses on the language, form, presentation value, and effective communication of email, business and corporate websites, blogs, wikis, microblogs and professional social networking sites as a response to and in continued anticipation of cultural shift to on-line self-sufficiency.

**COM 225 The Film Experience (3)** Introduction to and analysis of literary, sensory, technical, genre-based, and production aspects of film. This will largely be accomplished via film clips and reaction papers. A cohesive study of entire films presented in long papers will culminate the course.

**COM 226 Mass Media (3)** A survey of the historical development and contemporary issues of both print and non-print media with a focus on mass media as it pertains to our digital world today. This course is a deliberate review of basic communication theory and seeks to comprehend the historical contexts of major mass media entities while developing a capacity for strategic thinking when considering media.

**COM 227 Decoding the Media (3)** Media, the great monolith, and the entity that is so full of biases and light on objectivity thrives in this hyper-connected, reflexive, postmodern world, and it is not going away; in fact, it will only continue to be exacerbated, so one might as well strive to be media literate, at least in a cursory sense. That is where this course comes in. Media, collectively, are full of narratives and intents seeking audiences and attention. However, media literacy is very much about the stories we as audiences generate about said media. A one semester course cannot offer a comprehensive understanding of media literacy, but attempts at providing some structure, insight, confidence, and agency in relation to understanding and engaging media are realistic expectations.

**COM 228 Women and the Media (3)** This course investigates the relationship of women and media through film, television, magazines, news, politics, advertising, and the internet. Media,

collectively, are full of narratives and intents seeking audiences and attention. However, media literacy as it pertains to women is very much about who or what is driving those stories and the cultural impact they leave upon us. The ultimate goal is to determine if there are women in media today who are self-actualized enough to transcend stereotyping and exploitation and what our cultural response is to such women.

**COM 230 Global Media (3)** An examination of the role of communication media in the context of changing global realities. The course examines the theoretical underpinnings of understanding multiculturalism and the effect of the processes that constitute difference as we define it. The course explores the multicultural practices, theories, policies, normative models, relationships between media and society, and the production of cultural diversity. (Fulfills the required course for the Global Studies Minor)

**COM 232 Narrative and Screenwriting (3)** Introduces students to tools, vocabulary, and techniques used to tell a screen story and take an original idea to outline form. Students become familiar with screenwriting terminology as scenes from well-known films are analyzed to reveal structural elements in the writing. By the end of the course, students have developed an original idea into a detailed short-length screenplay.

**COM 233 Short Films (3)** Students will take the screenplays from COM 232 and learn all of the production attributes of film necessary to bring those screenplays to life in the form of 10-20 minutes films.

**COM 236 Children's Theatre (3)** Introduction to stagecraft with practical applications to productions for children.

**COM 239 Introduction to Public Relations (3)** Focus on how the discipline of public relations evolved, and how public attitudes are influenced by the media. Students will learn to recognize ethical and legal implications of media situations.

**COM 240 Forms of Professional Writing (3)** A study of the style and forms of business and professional writing with emphasis on direct sentence patterns and clear language. (Offered only in the accelerated format.)

**COM 241 Talk about Writing: Pedagogy & Practice (3)** Introduction to writing center scholarship, theory, and practice. Students will explore how writers engage with each other and the writing process, and will become familiar with ways of responding to writers in one-to-one contexts. Open to those who already work or wish to work in the Immaculata Writing Center as a Writing Assistant, as well as to students interested in broader issues of writing studies and teaching at the secondary and college levels.

**COM 243 WI: Contemporary Issues Professional Writing (3)** An introduction to the range of career opportunities and responsibilities within the field of professional writing as learned through article presentations, writing workshops, and discussion/research on current newsworthy issues. This course is geared to English and Communication majors, interested in exploring various types of professional writing as it exists in the current media landscape and is designed to address myriad and varied writing styles, culminating in a revised portfolio of all efforts that the writing students have accomplished.

**COM 250 Public Speaking (3)** Development of communication techniques through speech writing and delivery. This course helps to ease communication apprehension, organize speech material appropriately, and develop verbal and nonverbal techniques for delivery.

**COM 270 Spec Topics in Communications (1-3)** This independent research enhances academic rigor while applying theories or processes to a specific field in communication studies.

**COM 278 Digital Cityscapes (3)** An introduction to the variety of digital publishers covering Philadelphia culture, the characteristics of art and culture reviews and review-essays, researching and meeting the standards for a particular web publication, exploring Philadelphia's cultural scene independently, and reflecting on the relationship between suburban campuses like Immaculata and the city of Philadelphia. All assignments will contribute to a course website.

**COM 305 Communication Theory (3)** An introduction to theories and principles of communication as they apply to various communication environments, such as interpersonal, small group, organizational, and public communication. This course explores the nature of communication theory, how theory is developed, and how it is used. The approach will be both conceptual and applied. Thus, the student will gain proficiency in using theories to describe, explain, understand and practice communication.

**COM 306 WI: Adv Reporting & Feature Writing (3)** Planning, researching, and writing in-depth news projects and features with attention to writing for radio and television. (Prerequisite: COM 206 or instructor approval)

**COM 308 Media Ethics and Law (3)** An introduction to historic rationales that determine the balance between freedom of expression and control of the mass media of communication in the United States. The course will focus on the historic legal rulings and the reasoning behind efforts to expand or to limit the expressive rights of journalists and other users of the mass media. It will emphasize the important distinction between legal and ethical obligations and constraints.

**COM 312 Field Reporting and Production (3)** Introduces students to field reporting techniques, scenarios, and single camera field production. Students learn about planning and production strategies, shooting to edit, and time code editing systems. (Prerequisite: COM 217 or 221)

**COM 330 Proposal and Grant Writing (3)** This course teaches the entire proposal writing experience of research, funders, project definition, letters of inquiry, proposal components, and tracking systems all through the spectrum of practical experience with real non-profits.

**COM 333 Media Relations (3)** Discussion of processes for building appropriate media kits, following ethical standards and use of technology in communicating with the public. Relationships between the promotion of products, services, and the entire organization will be investigated.

**COM 334 Issues in Public Relations (3)** The theory and practice of public relations including public relations function within organizations, its impact on the public, and its function in society will be explored. Evolution of the field, ranges of responsibilities that public relations practitioners assume, and paramount issues that have evolved the practice form a basis for analysis of public relations practice. Values that create an organization's ability to have successful relationships with its clients and public audience will also be explored.

**COM 335 Crisis Communication (3)** Utilization of case studies and events to decipher practical crisis management processes that will help prevent and handle unexpected organizational incidents that can damage corporate reputation and client trust. Planning, preventing and repairing unexpected organization incidents will be investigated. Inclusion of issues management with crisis communication. Issues management (IM) involves scanning the social, political and environmental communities for issues that affect the organization's structure, function and responses. (Prerequisite: COM 239)

**COM 336 Community, Government & Global Relations (3)** Investigation of communication on multiple levels including profit

and non-profit organizations and the analysis of processes dealing with community, government and international clients. Case studies and strategies will be discussed.

**COM 337 Writing for Public Relations (3)** An advanced review of both the purpose and process of public relations writing. This course emphasizes stylistic procedures of writing including; planning, researching, targeting an audience, using the appropriate media format and writing for new emerging media. Successful students will be able to attend job interviews with a strong assurance that they have had professional exposure to the writing required for a public relations career. (Prerequisite: COM 239)

**COM 338 HON: Political Communication (3)** This course is an introduction to the field of political communication, and uses conceptual approaches to analyzing forms of political communication including advertising, speech making, campaign debates, and politicians' use of news. The focus of this course is on the interplay in the U.S. between television and politics, the functions of media in election contests, and the ways that campaign & media organizations seek to manipulate each other; these processes have a great deal to do with the way our contemporary government functions and how the political debates of our age are shaped. The course includes a history of practices from the 1948 through 2012 presidential elections, as well as selected congressional, senatorial, and gubernatorial campaigns.

**COM 340 Small Group Communication (3)** An introduction to communication skills needed when working with people in small group settings. The focus is on developing a working knowledge of the theory and skills needed for participation in problem-solving groups.

**COM 350 Business & Professional Speaking (3)** An advanced review of communication principles, communication skills, and leadership. Thus, the individual student gains much practice in public speaking. The best way to improve in this area is to repeat the process for understanding and confidence. The techniques of public speaking, such as eye contact, gaining audience interest, and organizing the presentation will be addressed.

**COM 355 Effective Business Communication Digital Age (3)** Emerging communication technologies are drastically changing the current representations of the organizational environment. Constructs of identity, community, physical space, transparency, expediency of information dissemination, and the means through which it is expressed have all been altered reflecting the impact of the digital age and its processes. This course will explore the role of effective communication in the organization with an emphasis on learning current best communication practices, anticipating future communication developments in the digital age, and bridging the communication gap between younger generations inured in technology and those continuing to adapt to the frenetic changes such technologies inspire for organizations. The course will assess and practice implementing how new communication technologies affect the organization, its evolving culture, processes, and decision-making choices in light of this ever mutable digital age.

**COM 401 Independent Study (1-3)** Advanced research in a chosen area of communication study or advanced writing in a specific mode. (Agreed upon by the student and instructor, with permission of the department.)

**COM 402 Independent Study (1-3)** Advanced research in a chosen area of communication study or advanced writing in a specific mode. (Agreed upon by the student and instructor, with permission of the department.)

**COM 403 Communication Field Experience I (3)** This course is for junior and senior communication students who wish to gain practical, curriculum-related experience in the field of

communications. Students will complete 145-hours of practical experience within a communication under professional supervision and with the support and feedback of their fellow peers completing similar internships. This course can be taken multiple times for credit but not at the same organization. Internship hours run concurrently with the course and students must complete internship paperwork prior to enrolling. Communication Field Experience I and II must be with taken with different organizations. (Prerequisites: COM 305 and Instructor Permission)

**COM 404 Theatre Internship I (3)** Practical experience in play direction or stage management under the supervision of the faculty director.

**COM 405 Theatre Internship II (3)** Practical experience in play direction or stage management under the supervision of the faculty director.

**COM 406 Communication Field Experience II & Senior Seminar (3)** The course is specifically designed for the senior communication student to gain greater insight as to how a specific field of communication may be best contextualized within a theory or principle of communication. COM 406 is designed to enable interaction with both supervisors and peers in order to garner constructive understanding in the field which will allows for feedback, heightens the 145-hour internship experience and places the overall effort in a position that contributes to a comprehensive communication senior seminar paper and artifacts for their professional portfolio. Internship hours run concurrently with the course and students must complete internship paperwork prior to enrolling. Communication Field Experience I and II must be with taken with different organizations. (Prerequisites: COM 305 and Instructor Permission)

## Cybersecurity (CYB)

**CYB 301 Cybersecurity Fundamentals (3)** Cybersecurity Fundamentals introduces learners to the interdisciplinary field of cybersecurity. During the course, learners will review the evolution of information security into cybersecurity, and explores the relationship of cybersecurity to organizations and society. Learners will analyze topics such as vulnerability assessment, ethical hacking, malicious software (malware), virus attacks, spyware, network defense, passwords, firewalls, and intrusion detection. Current issues such as privacy concerns and cyberbullying are also discussed.

**CYB 320 Defense in Depth (3)** Defense in depth is the coordinated use of multiple security countermeasures to protect an information technology (IT) enterprise. Students will study the concept of creating multiple layers of security controls as a defense throughout an IT environment to provide redundancy in the event security controls fail or vulnerabilities are exploited. The course will cover aspects of personnel, procedural, technical and physical security controls.

**CYB 325 Vulnerability Assess & Testing (3)** Cybersecurity professionals must be knowledgeable of the possible dangers to their systems. This course will review the common threats to computer networks and provide students with a basic understanding of how systems are attacked. Further, students will be introduced to industry standard and leading methodologies for vulnerability assessment as well as ethical hacking techniques used to simulate real-world attacks in order to assess security and demonstrate business risk. With this understanding of threats and attack techniques. Along with methodologies for technical security assessments, students will be positioned to evaluate network, system, and application security controls, identify and demonstrate

security risks, and prioritize vulnerability remediation. (Prerequisite: CYB 320)

**CYB 330 IT Security Governance (3)** IT Security Governance is the process of establishing and maintaining a framework and supporting management structure and processes to provide assurance that IT security strategies are aligned with and support business objectives, are consistent with applicable laws and regulations through adherence to policies and internal controls, and provide assignment of responsibility, all in an effort to manage risk. The course will introduce students to the key components of IT security governance and review governance frameworks and approaches utilized by large enterprise organizations. Students will gain an understanding of the goals and structure of a security governance program and the key performance indicators used to measure program success.

**CYB 350 Open Source Intelligence (3)** Prior to attacking a particular system or organization, hackers will gather intelligence on potential targets to understand its strengths and weaknesses. This course will instruct students how to utilize open-source intelligence (OSINT) methods on the deep and dark web, and techniques to improve the way they collect, collate and analyze open source information to generate intelligence. Students will learn how to develop target assessments which list potential vulnerabilities and can be utilized for penetration testing. (Prerequisite: CYB 325)

**CYB 390 Cybersecurity Capstone (3)** This class will guide the learner in the development of his or her capstone project. The capstone project is at least a 30-page proposal for a cybersecurity plan, a project for implementation at an actual organization. Learners are expected to utilize all of the skills and knowledge learned from previous classes. After they create and have approved a comprehensive project proposal, class sessions and assignments will progressively assist learners to research and develop their project. This course will utilize web-conferencing, on-line discussion boards, research, and readings to assist learners in the development and creation of their project or proposal. Learners will work collaboratively with the facilitator and other learners. (Prerequisites: CYB 301, CYB 330, CYB 350)

## Economics (ECO)

**ECO 200 Special Topics in Economics (1-3)** Current topics dealing with ongoing facets of economics.

**ECO 201 Principles of Macroeconomics (3)** A study of the overall economy with emphasis on inflation, unemployment, government policies and their effect on both long- and short-term economic growth.

**ECO 202 Principles of Microeconomics (3)** A study of the economic behavior of industries, firms, and individuals. It investigates the dynamics of the market system.

**ECO 203 Principles of Economics (3)** Focus on the core concepts of macro and micro economics which include the problem of scarcity, the comparison of the market system to mixed economies, the importance of the global economy, government policies, and income inequality.

**ECO 307 Statistics (3)** Fundamental concepts of descriptive and inferential statistics with business and economic applications: measures of central tendency and dispersion, techniques for data reduction and summarization, hypothesis testing, tests of significance, confidence intervals, correlation, regression, and variance analysis. Instruction integrates personal computer and software for business and economics. (Prerequisites: ECO 202 or 203; and Math 203, 207 or 217)

**ECO 313 HON: Great Economic Debate (3)** An examination of current topics in the U.S. economy. Debate topics include the economics of poverty and discrimination, and the economics of crime and prevention.

(GPA of 3.5 required)

**ECO 319 History of Economic Thought (3)** A survey of the great economists and schools of influence on economic thought with a focus on the lives and ideas of the economists that shaped modern economics.

(Prerequisites: ECO 201 and 202)

**ECO 320 Comparative Economic Systems (3)** Decision-making and practices employed in free market, socialist, command, and transition economies. Emphasis is placed on the economic problems of the former Eastern European and Soviet systems, emerging markets, and newly industrialized countries.

**ECO 322 Economic Development (3)** Study of the meaning, measures, issues, theories, and policies of economic development of the Third World.

**ECO 323 Global Economics (3)** Given the advancement in global economic integration in today's world, this course will analyze the cause and effect associated with global economic issues. The class will focus on current microeconomic and macroeconomic debates and public policy responses to these global economic concerns. Topics addressed will include international trade, economic development, labor markets, poverty and inequality, and population changes.

**ECO 327 Intermediate Microeconomics (3)** A study of the microeconomic theory of a consumer behavior, decision-making of the firm, and how markets function. Case studies of firms and market will allow for an examination of efficiency and market failures. (Prerequisites: ECO 202 or 203, MATH 203 and 204 or MATH 207 and 208)

**ECO 328 Intermediate Macroeconomics (3)** An analysis of the classical theory of the economy in the long-run and the business cycle theory in the short-run. Basic macro models are used to describe economic problems and macroeconomic stabilization policies. (Prerequisites: ECO 201 or 203, MATH 203 and 204 or MATH 207 and 208)

**ECO 344 Business Analytics (3)** Analytics and statistics are key for any decision maker. This course will introduce the descriptive and inferential statistics used by organizations. This course will integrate technology, such as Microsoft Excel, to explore statistical data analysis. Students will learn to think critically and apply creative techniques to solve problems.

**ECO 380 Current Issues in Economics (3)** This course analyzes contemporary economic issues such as poverty and affluence, urban congestion, crime and crime prevention, race and gender discrimination, and environmental pollution. An evenly balanced presentation of the full range of economics will be presented as a foundation for understanding the economic circumstances which directly affect our lives.

**ECO 381 Global Economics (3)** The course examines the U.S. in the global economy, with a focus on the interdependence of nations in the world economy. Topics include the global financial crisis, debt crisis, fiscal and monetary policies, income inequality, trade and protectionism. Specific case studies will be introduced to apply theoretical concepts.

(Prerequisites: ECO 201 and 202, or 203)

**ECO 386 The Economics of Public Policy (3)** This course explores the relationship between economic power and political influence. Emphasis is placed on understanding public policy actions taken by the US government and the resulting policy implications. (Prerequisites: ECO 201 and 202, or 203)

**ECO 387 Antitrust and Regulation (3)** This course examines

economic policy in the form of government regulation and antitrust. The course focuses on the market failures and potential excesses of market power that warrant government scrutiny and intervention. A discussion of emerging health, safety, and environmental regulations will be added to antitrust issues.

(Prerequisites: ECO 201 and 202, or 203)

**ECO 389 The Economics of Law (3)** This course provides an introduction into the economic analysis of law and its effect on social welfare. Areas of focus include evaluating the legal rules and impact of property rights, contractual arrangements, tort, and intellectual property. (Prerequisites: ECO 201 and 202, or 203)

## Education (EDU)

**EDU 95 Basic Skills Requirement (0)** Course indicates formal acceptance into Education major through fulfillment of PDE Basic Skills requirements.

**EDU 200 Topics in Education 3** Selected topics to enrich the understanding of a variety of educational issues.

**EDU 201 Sophomore I Field Experience (0)** Students participate in 40 hours of observations in varied schools and grade levels.

**EDU 202 Sophomore II Field Experience (0)** Students participate in a 40-hour field experience in an urban setting.

**EDU 203 Junior I Field Experience (0)** Students participate in a 40-hour field experience with initial teaching and managing responsibilities.

**EDU 204 Junior II Pre Student Teaching (0)** Students participate in a 70-hour pre-student teaching experience usually in the same classroom in which they will complete their student teaching. Students are responsible for their own transportation.

**EDU 290 Multicultural Education (3)** An exploration of global educational systems (focus on non-western). Students will investigate the impact of culture on children's cognitive and social growth. Includes an overview of English Language Learning (ELL) issues and instructional strategies. A 40-hour field experience is required (EDU 202).

**EDU 291 HON: Schools and Society (3)** Exploration of the issues related to diversity in society and in education through the lens of a critical social justice framework. Students will explore the perspective that recognizes that society is stratified by race, class, gender, sexual orientation, and ability and that inequality is deeply embedded in our society. Students are introduced to key concepts such as critical thinking, socialization, group identity, prejudice, discrimination, oppression, power and privilege in order to gain new insights, and seek means to positively impact these issues in society and in schools. Students are encouraged to connect their personal experiences to course materials. The format for this course is modeled on the constructivist approach in which students are encouraged to construct their own knowledge through active involvement, critical thinking, key experiences, readings, and assignments.

**EDU 302 Education Psychology (3)** A problem-solving approach to the study of human development as it relates to the learning environment, including: student development, learning styles, and exceptionalities; major learning theories in relationship to the instruction of all students; as well as assessment and management techniques. A 40-hour field experience is required (EDU 201).

**EDU 310 Orientation to Teaching (3)** This course introduces pre-service teachers (Pre-K through high school) to appropriate and relevant pedagogy, learning activities, and resources. Topics include: Effective teaching strategies applicable to all content areas, reflective decision making, issues of professionalism, student diversity, lesson planning, classroom management and practical

applications of these concepts. A 40-hour field experience is required.

**EDU 317 WI: Language Arts Methods (3)** Introduction to the reading/writing connection in the teaching of language arts to the PreK-4 child, including: types of writing, quality of writing, and speaking and listening as well as characteristics and functions of the English language.

**EDU 318 WI: Social Studies Methods (3)** Introduces pre-service, PreK-4 teachers to curriculum and instructional methods used by professional, elementary level, social studies educators. Students are exposed to the social studies curriculum as it relates to learning and development, differences in learning styles, critical thinking, problem solving, active learning, and inquiry. Areas of focus to be explored include effective teaching strategies and appropriate/relevant pedagogy applicable to the social studies content areas (geography, history, economics, and civics/government) based on standards identified by Pennsylvania Department of Education and the National Council for the Social Studies.

**EDU 319 Mathematics Methods (3)** Address mathematics instruction consistent with the developmental needs of the PreK-4 student within the framework of helping to build children's beliefs about mathematics, what it means to know and apply mathematics, and establishing children as mathematical learners.

**EDU 320 WI: Science & Technology Methods (3)** This course is designed to introduce pre-service PreK-4 teachers to methods and materials for teaching science. The course emphasizes problem solving, reasoning, communication, scientific inquiry, and the use of concrete materials to investigate scientific concepts. . Students will develop curriculum materials containing both Fives lessons and activities which demonstrate an understanding of the national and Pennsylvania state standards for science.

**EDU 328 Student Teaching: Secondary (12)** Full-time supervised student teaching for students seeking Secondary Education Certification will student teach for a minimum of 14 weeks in a secondary school directed by a qualified supervising teacher. The course includes a weekly seminar conducted by members of the University staff. Through lectures and discussions led by local school personnel, the prospective teachers are given the opportunity to become familiar with their professional responsibilities and benefits. Current trends in curricula and best practices are considered and explained. A fee is charged and students must apply for student teaching and be approved by the Division.

**EDU 330 Reading in the Content Area (3)** An examination of instructional strategies that relate to reading in middle and secondary school content areas. The course will provide an overview of the developmental reading process, with methods for promoting student learning and thinking with reading materials.

**EDU 331 Creative Thought & Expression (3)** An examination of the current state and national standards governing music, art, drama, and physical education for the elementary classroom. Resources for these curriculum areas will be studied and evaluated. Student preparation and presentation of integrated units of study for these areas will also be developed.

**EDU 338 Children's Literature (3)** Introduces pre-service teachers to various types of juvenile literature including drama. The course encourages extensive reading on selected levels and provides the opportunity for pre-service teachers to examine the integration of literature across the curriculum. There is a focus on the development, implementation, and modification of the reading curriculum through the lens of authentic fiction and non-fiction reading material. Additional focus on the application of literacy strategies as applied to examples found in literature written for

children in grades PreK-4 as well as for students seeking grades 4-8 certification.

**EDU 345 Fundamentals of Reading Instruction (3)** Focus on research-based reading instruction with emphasis on language and literacy. Relevant national standards from the International Reading Association (IRA) and the National Association for the Education of Young Children (NAEYC) will be examined as a basis for developing meaningful literacy experiences for students in PreK-4.

**EDU 348 Student Teaching: Elementary (12)** Full-time supervised student teaching for students seeking PreK-4, Special Education PreK-8 (with PreK-4), or Grades 4 to 8 certification with a concentration in English, Science, Social Studies or Math, will student teach for a minimum of 14 weeks in an elementary school directed by a qualified supervising teacher. The course includes a weekly seminar conducted by members of the University staff. Through lectures and discussions led by local school personnel, the prospective teachers are given the opportunity to become familiar with their professional responsibilities and benefits. Current trends in curricula and best practices are considered and explained. A fee is charged and students must apply for student teaching and be approved by the Division.

**EDU 352 Differentiated Reading Instruction (3)** Focus on the manner in which reading instruction can be designed to meet the individual needs of students. Understanding of assessment measures/ instruments specific to literacy will be stressed. Knowledge of formal and informal reading assessments will be developed. Focus will be on students in PreK-4 classroom settings.

**EDU 355 Educational Testing (3)** Introduction to the concepts, theories, and methods regarding educational and psychological testing. Students will learn about standardized tests and other diagnostic tools frequently encountered and/or used by classroom teachers, guidance counselors and/or school psychologists. Psychometric principles (e.g., validity and reliability), test construction, test and item analysis, and applications of testing in a variety of settings will be explored.

**EDU 365 Early Childhood (3)** Focus on the field of early childhood education with an emphasis on creating an environment conducive to early learning with a reference to major early childhood models. This includes developing an understanding of the social, intellectual, creative and physical development of young children and the importance of working with parents in the educational process. Readiness skills and concepts in all curricular areas are addressed

**EDU 366 Technology in Education (3)** Instructional (sometimes called educational) technology is becoming an increasingly important part of K-12 education. The course will take a look at SMARTboard, other Interactive White Boards (IWBs), Web 2.0 Tools, and iPads vs. Androids. There will be discussions and explorations of Web 2.0 tools, which will enhance the curriculum within the classroom. We will examine Interactive White Boards and how they impact the classroom and differentiation. Finally, the course will focus on professional development and where to learn about new technology as it becomes available.

**EDU 381 Introduction to Special Education (3)** Survey course introducing the general categories and identification of children with disabilities as per the Individuals with Disabilities Education Improvement Act. It also introduces the process of special education at the federal and state (PA) levels including the legal rights, components, and implications for these persons. Factors that promote effective communication and collaboration among all school personnel, families, students, and other community members are included.

**EDU 384 Adapting Instruction (3)** This course includes introductory level instructional adaptations and accommodations for all school-age students who are academically and functionally at-risk for learning and/or for students identified as needing special education. It covers universally designed instructional techniques in a standards aligned system within the least restrictive environment, primarily in inclusive school settings. Reviews of general assessments and data collection processes, along with progress monitoring techniques, are incorporated within the instructional components. Responses to intervention models are utilized to allow for appropriate educational decision-making for these diverse learners. (Prerequisite: EDU 381). A 70-hour field experience is required, which should be in an inclusive setting (EDU 204).

## English (ENG)

**ENG 106 Composition I (3)** Introduction to academic writing with emphasis on using language clearly and correctly. This course develops and reinforces skills needed for proficient academic writing.

**ENG 107 Composition II (3)** Introduction to research techniques with continued emphasis on academic writing techniques developed in ENG 106. (Prerequisite: ENG 106)

**ENG 117 HON: English Composition & Rhetoric (3)** Concentration on developing critical reading, thinking, and writing skills. Students will research and respond to a variety of topics using both argumentative and expository compositional styles. The course also provides an opportunity for students to achieve high proficiency in academic research methods.

**ENG 122 Introduction to Literature (3)** An introduction to short stories, poetry, and drama as literary genres with an emphasis on techniques of literary analysis and appreciation.

**ENG 150 Special Topics in Literature (1-3)** Varied approaches to specific authors, themes, literary genres, and writing styles.

**ENG 216 HON: World Literature (3)** An introduction to the literature of many cultures. Students write response papers that explicate and analyze diverse literary works. They also research and compose a critical essay that explores the works of two writers, one from the traditional canon, one from outside the traditional canon.

**ENG 241 Principles & Practice of Research (3)** Fundamental grounding in research methodology focusing on theoretical understanding and practical application of the research process. (Offered only in the accelerated format)

**ENG 242 Writing for Applied Research (3)** Theoretical principles and practical application of the academic research process with a focus on business. Students learn to form initial inquiry questions; locate and evaluate print and electronic sources; and summarize, paraphrase, and incorporate source material in written presentations using the APA citation format. (Offered only in the accelerate format)

**ENG 260 Literary Analysis & Research (3)** An introduction to methods of research required for literary studies with emphasis on the most useful print and electronic secondary sources.

**ENG 261 WI: Major American Fiction (3)** An exploration of the American Dream and how it is portrayed, glamorized, and deconstructed in early to late 20th century American fiction. The exploration is multicultural and acquaints students with the leading domestic literary figures of the last eighty years.

**ENG 262 WI: 20th Century British Authors (3)** An examination of the major trends in 20th century British poetry and fiction from World War I to the present. Critical approaches and written analysis form part of the course.

**ENG 263 WI: Modern Drama (3)** A study of selected texts in English and American drama from mid-nineteenth century to the present. The course includes readings in dramatic criticism.

**ENG 264 WI: Modern Poetry (3)** A study of major twentieth-century poets and literary movements in England and America and Modernism's complicated relationship with its literary predecessors.

**ENG 265 WI: Modern Women Writers (3)** An exploration of the energies, purposes, attitudes, and literary contributions of modern and contemporary women writers.

**ENG 266 WI: Modern Women Writers: Pt 2 (3)** A study of the work of women writers of mid- and late twentieth century. While ENG 265 is not a prerequisite for this course, its background provides a helpful framework for this sequel.

**ENG 267 WI: African American Literature I (3)** Exploration of the writings of African-Americans from 17th-19th centuries in a cultural, historical, and literary context. The genres of captivity narrative, autobiography, and short story are examined with focus on their contribution to the canon of American literature as well as their unique African-American characteristics.

**ENG 268 WI: African American Literature II (3)** What lies ahead? Focus on African-American literary tropes after Reconstruction, through the Harlem Renaissance, into the Civil Rights movement, and to the present. This course explores how race as a social construct and literary identity has been articulated and altered through the 20th century, and considers what lies ahead.

**ENG 271 Strategies for Teaching English (3)** An introduction to the strategies of teaching English. Students will learn methods for teaching the structure, grammar, style, research, and media of English. The study of rhetorical theory, composition theory, and literacy theory and the investigation of writing in the disciplines will help students gain insight for particular student audiences when teaching English.

**ENG 272 WI: Adolescent Literature (3)** An exploration of the historical context, various reading strategies and contemporary critical theories of the Adolescent/Young Adult (YA) literature available for study on middle and secondary school levels. The cross section of works examined will enable discussions of multiculturalism, globalism, diverse audiences and subject matter.

**ENG 275 WI: Special Topics Literature 0 TO 3** Varied approaches to authors, themes, and literary genres.

**ENG 299 Advanced Composition (3)** A further reinforcement of the strategies of rhetoric and style introduced in freshman writing courses. Students learn writing by investigating theories of writing, particularly argumentation.

**ENG 314 WI: Film Adaptations Literature (3)** An exposition of good literature and good films made from this literature as a means of learning to appreciate the value of both methods of presenting great stories and ideas. Students form a critical apparatus that allows perceptive judgments of both genres.

**ENG 321 Literary Theory (3)** An introduction to literary theory and analysis. This course explores the development of literary theory, the variety of approaches that open up literary works, and the influence of cultural diversity on the varied theories. Students explore, evaluate, and discover their own preferences as literary critics.

**ENG 329 WI: Ancient & Medieval World Literature (3)** A study of representative works of ancient and medieval world literature (in translation) with a concentration on myth, epic, and drama.

**ENG 330 HON: Twisted Sisters: Brontës (3)** The many modern and contemporary versions of *Jane Eyre* and *Wuthering Heights* testify to the endurance and significance of the novels. Students will examine some of the adaptations, such as *Wide Sargasso Sea* by

Jean Rhys (a prequel to *Jane Eyre*), *Rebecca* by Daphne du Maurier, *Jane Slayre* by Charlotte Brontë and Sheri Browning Erwin (a mash-up of *Jane Eyre*), *Jane Steele* by Lyndsay Faye, and *Re Jane* by Patricia Park (all of which reimagine *Jane Eyre*) and *Heathcliff: Vampire of Wuthering Heights* by Emily Brontë and Amanda Paris (a mash-up of *Wuthering Heights*), *Here on Earth* by Alice Hoffman, *Solisbury Hill* by Susan M. Wyler, and *Abide with Me* by Sabin Willett (all of which reinvent *Wuthering Heights*). Students will consider, not just how and why the authors recreate the Brontë novels, but also the ways in which the adaptations shed light on the original works.

**ENG 337 History of English Language (3)** An introduction to the development of modern English, with historical background providing proper perspective for examination of current linguistic trends.

**ENG 338 Linguistics: Intro Readings (3)** A study of linguistic systems and related topics including language acquisition and comprehension, brain theory, language bias, and non-verbal communication.

**ENG 340 WI: Chaucer (3)** A study of Chaucer's major works, with special emphasis on *The Canterbury Tales*.

**ENG 341 English Literature to 1500 (3)** A study of early English works with emphasis on Old English poetry, the evolution of Arthurian literature, medieval romances, and the development of drama.

**ENG 342 WI: Renaissance Literature (3)** An introduction to representative works of English literature of the 16th and 17th centuries, exclusive of Shakespearean drama.

**ENG 343 WI: Shakespeare (3)** A concentrated study of selected major comedies, histories, and tragedies with an introduction to Shakespearean criticism.

**ENG 344 WI: Restoration & 18th Cent Lit (3)** An introduction to the major literary movements in England from representative works in English literature 1660-1775, with emphasis on Dryden, Pope, Swift, and the development of the periodical essay and the novel.

**ENG 346 WI: Romantic Literature (3)** A study of Blake, Wordsworth, Coleridge, Shelley, Keats, Byron, with additional focus on contemporary essayists and writers of Gothic fiction.

**ENG 348 WI: Victorian Literature (3)** A study of the major poets and prose writers of nineteenth century Britain, including selected works of Carlyle, Arnold, Tennyson, Browning, Dante and Christina Rossetti, and Hopkins.

**ENG 349 WI: Irish Literature (3)** An introduction to selected works in of classical and contemporary writers; course fulfills a requirement for the minor in Irish Studies.

**ENG 350 WI: Major American Writers I (3)** A study of major American writers with concentration on Emerson, Thoreau, Poe, Hawthorne, and Melville.

**ENG 351 WI: Major American Writers II (3)** A study of major American writers with concentration on Whitman, Dickinson, Twain, James, Eliot, Hemingway, Faulkner, and Frost.

**ENG 353 WI: Major American Writers III (3)** A study of major American writers from the late 20th century and contemporary literature.

**ENG 355 HON: Tolkien Political Thinker (3)** An exploration of JRR Tolkien's *The Lord of the Rings* and other writings both as literature and as political thought. Contemporary interpretations of Tolkien's work will also be critiqued, and special consideration will be given to the political teachings within *The Lord of the Rings*.

**ENG 365 WI: Postcolonial Literature (3)** A study of the literature of nations that have experienced and/or are reacting to some type of colonization. The course examines recurrent themes, such as identity, power, migration, race, gender, nation, representation, containment, and resistance.

**ENG 367 WI: Postmodernism (3)** This course engages literature in a state of entropic disillusionment over World War II, which reacts against anything resembling traditional ideals. The representative literature and social commentary is a complex, ironic, fragmented, inter-referential, parodic, non-traditional, and distrustful amalgam.

**ENG 368 WI: Irish Drama (3)** An examination of the themes and structures of drama from Brian Friel to contemporary authors, including Sebastian Barry, Marina Carr and Martin McDonagh.

**ENG 400 English Seminar (3)** Independent research and seminar discussion on a literary theme chosen by the instructor. Work in progress and results of research are presented orally to the seminar; final papers are submitted to instructor. (Prerequisites: ENG 260 and ENG 321, or departmental permission)

**ENG 401 Independent Study (3)** Research in a theme, genre, period, literary group or single author, or advanced writing in a specific mode. (Agreed upon by the student and instructor with permission of the department)

## Emergency Planning and Management (EPM)

**EPM 301 Principles of Emergency Management (3)** This introductory course provides the scope, objectives, and principles of emergency management; preparedness, including prevention, protection, mitigation, response, and recovery strategies as well as roles of federal, state and local emergency management agencies, and private agencies. Learners will also be able to explain how various emergency management services work together in a system of resources and capabilities.

**EPM 303 Emergency Management Systems (3)** Examination of the emergency management practices used during an emergency situation by responders, particularly the structure and responsibilities of the Incident Command System (ICS), the management of facilities and resource identification. National Incident Management System (NIMS) principles are also discussed and applied.

**EPM 310 Risk Analysis & Threat Assessment (3)** This course prepares emergency response managers to conduct a comprehensive, capabilities-based threat and risk assessment for terrorism/all-hazards incidents under the National Response Framework (NRF) and National Preparedness Guidelines. Learners will identify shortfalls, perform gap analysis and develop a needs assessment to fill shortfalls/gaps identified within the preparedness cycle.

**EPM 312 Public Sector Accounting & Finance (3)** Introduction to the general principles of accounting and budgets specific to emergency management, including an overview of fiscal issues related primarily to the public sector in emergency services, specifically public funding sources, spending, budgeting/allocations, risk management, and grant writing. The fundamentals of financial planning, cost concepts, capital budgeting and management analysis are applied in the public and private sectors. Issues surrounding the development and management of budgets are also examined.

**EPM 315 Legal Aspects Emergency Management (3)** An overview of the major legal and liability issues in emergency management. The focus is on the legal environment within which emergency managers operate, including their roles in rule-making, policy administration, contract law and their potential personal legal liability for discretionary actions.

**EPM 350 Human Dimension Communication Plan Disaster Management (3)** This course prepares emergency managers to consider the human dimensions of disaster, and to operate effectively with the public and media concerning a variety of threats to community wellbeing. Students will understand and learn to develop strategies for community-based planning, communicating and negotiating with the public, and managing conflict.

**EPM 390 Capstone: Emergency Planning & Project Management (3)** The culminating academic experience for the learners, drawing on the foundational information from earlier courses in law, budgeting research, technology, threat assessment and risk analysis and business continuity in the production of a comprehensive emergency management plan that meets state and federal standards. (Prerequisites: EPM 301, 303, 310, 350)

## English as a Second Language (ESL)

**ESL 215 Advanced Oral English (3)** Vocabulary development and emphasis on idiomatic use of spoken English. Improvement of pronunciation through class work and recordings prepared by students. Appropriate written exercises.

**ESL 220 Advanced Written & Oral English (3)** Exercises aimed at developing facility in written and spoken English. Grammar review. Vocabulary development.

**ESL 221 Critical Reading (3)** Exploration, intensive study, and critical analysis of notable works in English. Emphasis on style, structure, and meaning of each work.

## Exercise Science (EXS)

**EXS 101 Personal Fitness and Wellness (2)** Addresses students' lifestyles, attitudes, and behaviors as they relate to personal fitness and wellness. A combination of lecture and activity sessions empowers the students to develop personal strategies that will enable them to achieve positive lifestyle practices.

**EXS 102 American Heart Association Emergency Response (2)** This course provides the knowledge and skills necessary to work as a first responder in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until more advanced medical help can arrive. This course prepares students for the American Red Cross CPR/AED for the Professional Rescuer and American Red Cross Emergency Response examinations.

**EXS 103 What Every Woman Needs to Know (2)** Examines the various health issues that affect women today. These issues will be critically examined in the context of history, gender, socio-economic status, ethnicity, and recent medical research.

**EXS 104 Men's Health Issues (2)** Examines the various health issues that confront men during each of life's stages. Emphasis will be placed on the benefits of a positive healthy lifestyle as it relates to a variety of men's health concerns.

**EXS 105 Consumer Issues Fit & Wellness (2)** A variety of consumer issues relating to fitness, wellness, and health will be examined. Topics will include quackery and fraud in health and fitness, consumer product safety, environmental health issues, and other current issues.

**EXS 106 Group Fitness Instruction (2)** Students will learn the various methods and techniques for teaching group fitness classes in cardiovascular and strength training.

**EXS 107 American Red Cross Lifeguard Training (2)** This course provides the knowledge and skills needed to prevent and respond to aquatic emergencies. Students will be able to recognize

and respond quickly and effectively to emergencies and prevent drowning and injuries. This course prepares students for the American Red Cross Lifeguarding and CPR for Lifeguards examinations.

**EXS 200 Special Topics in Exercise Science (1-3)** Selected topics in exercise science, fitness, and wellness. Topics will rotate based on student and faculty interest. (Does not meet a liberal arts core requirement.)

**EXS 201 Introduction to Exercise Science & Fitness (3)** An introduction to the concepts, theories, principles, and concerns associated with exercise science and fitness. Required for all exercise science majors.

**EXS 202 Current Trends: Sport & Fitness (3)** With the continuance of research in the exercise science area, this course examines the current trends and findings in sports and fitness as it relates particularly to injury and illness as well as the promotion of health education through individual and community education.

**EXS 204 Exploring Health Professions (1)** This course will explore various aspects of the health professions, including but not limited to appropriate professional development, resume writing and career development, networking skills, and professional expectations. The course will include a speaker series of professionals in the fields of allied health (PA, PT, OT), exercise science, and public health. Students will be expected to complete professional development hours related to work experience, certifications, or participation in professional or student organizations related to their future career choice.

**EXS 210 Physician Assistant Patient Experience (3)** Students in this course will examine their experience in professional health care settings related to the various specialties within the physician assistant field. In addition, students will be coached on professional preparation in anticipation of applying for their graduate study. Special topics related to patient communication, education and healthcare administration will also be covered to introduce students to the scope of practice as a physician assistant.

**EXS 230 African Dance (3)** West African secular and sacred dance forms will be examined, with attention given to the religious, cultural, and social histories in which these dances developed and to the ways in which dance expresses the cultural norms and aspirations of a people. Studies will also include the critical impact that African dance has made on dance in the United States, from the Charleston to Elvis to Alvin Ailey American Dance Theater.

**EXS 231 Principles of Coaching (2)** This course will concentrate on the principles and techniques of coaching children and young adults in competitive athletics. This course will focus on the areas of philosophy and psychology of coaching, as well as coaching, organizational and evaluative techniques.

**EXS 301 WI: Prevention & Care of Athletic Injuries (3)** The study of prevention and treatment of athletic injuries and first aid techniques. Emphasis is on the integration of the classroom study to the practical application of treating injuries in their initial phases.

**EXS 302 Kinesiology (3)** Examination of the human body with regard to how movement is created and maintained. Emphasis is on the anatomical basis of human motion with focus on the skeletal, neural, and muscular systems. (Pre- or co-requisite BIOL 209-210 or BIOL202 or with permission of the department)

**EXS 303 Exercise & Sport Physiology (3)** Exploration of a wide variety of subject matter that focuses on enhancing athletic and training accomplishments. Emphasis is on the description of relevant physiological techniques proven to augment readiness and improve performance in exercise and sport settings. (Prerequisite BIOL 209-210 or BIOL202 or with permission of the department)

**EXS 304 Exercise Assessment & Program (3)** Examination and study of the techniques, procedures, and practical laboratory experience in aerobic strength, flexibility, blood pressure, and related measurements. (Prerequisite: EXS 302)

**EXS 305 Biomechanics (3)** Study of the structural and functional applications of movement related to the physical constraints on body support and movement. Topics include walking, running, jumping, throwing and swimming movement analysis. (Prerequisite: BIOL 209-210 or BIOL202 and EXS 302 or with permission of the department)

**EXS 306 Sports Facility & Event Management (3)** Provides the necessary background and foundation needed to plan, organize, and administer various athletic and/or special events in sports or other related activities.

**EXS 307 Sports Administration (3)** Examination of the administrative tasks and policies/procedures necessary for sports managers in the operation of programs. Included is the development of organizational skills and human resource management, issues regarding risk management and liability, and the development of media relationships.

**EXS 309 Personal Training Certification Prep (3)** This course enhances student knowledge in the areas of health and fitness. Focus is on assessment of fitness, motivation techniques, goal setting and design of individual fitness and wellness training programs. This course prepares students to take personal training certification examinations.

**EXS 310 Practicum (3)** The practicum course requires direct participation in experiences with sport, fitness, recreation and/or physical and occupational therapy facilities to develop and understand the theories and information presented in the classroom and apply them to a real world setting. Weekly seminar meetings help students integrate their knowledge and experiences and offer students a wide range of professional development topics. (Exercise Science majors and minors only)

**EXS 313 Evaluation Methods Injury & Illness (3)** Introduction to procedures and tests used to examine illness and injuries of the extremities, head, and trunk regions. Students will be able to identify risk factors for musculoskeletal injuries and illnesses and be instructed in theory and proper techniques for diagnostic and special tests, including neurological, strength, and range of motion assessment. (Prerequisites: BIOL 209, 210)

**EXS 403 Senior Seminar/Research Methods (3)** Incorporation of the fundamental concepts of research methodology by research design and problem selection, literature review, statistical analysis and presentation of data in the area of Exercise Science and related fields.

**EXS 404 DPT/EMOT Seminar (3)** This course is designed for students in the DPT/EMOT affiliation programs at Thomas Jefferson University. In this course students will develop the fundamental concepts of research methodology, integrate exercise science concepts into the practice of physical or occupational therapy.

**EXS 405 Strength & Condition Spec Prep (3)** Designed to enhance student knowledge in the areas of improving athletic performance, including sport-specific testing and the design and implementation of strength and conditioning programs. Preparation for taking the National Strength and Conditioning Association's Certified Strength and Conditioning Specialist Examination. (Prerequisites: BIOL 209-210 or BIOL 202, EXS 302, or permission of the instructor, senior status)

**EXS 406 Professional Prep for Health Sciences (3)** This course is designed to continue the work students began in EXS200: Exploring Health Professions. Students will finalize their resume, join a professional organization related to their career choice, and

choose a professional certification they will obtain upon graduation. The course will review common content related to all exercise science certifications and serve as test preparation for those that choose to obtain a certification. Topics related to career management in movement science will also be explored.

**EXS 407 Research Methods I (3)** This course is designed to incorporate the fundamental concepts of research by introducing the students to research design, problem selection, review of literature, and research methodology. Students will develop their own research question for intensive study and proceed through the various steps of the research proposal process. Collection of data and formal presentation will be concluded in the second half of the research methods course. (Co-/Prerequisite: PSY 208; Senior status)

**EXS 408 Research Methods II (3)** Students will continue the research process stated in the previous semester through the collection and interpretation of data, discussion of results, and development of conclusions. The culminating research will be presented at departmental and university symposiums. This course will also focus on current issues in health and wellness while critically reflecting on published research. (Prerequisites: PSY 208, EXS 407, Senior status)

**EXS 410 Exercise Science Study Abroad (3)** Emphasis on the study of selected sport programs, sport facilities, education programs, and clinical exercise settings outside of the United States. Through travel and lecture, this course builds an appreciation of sport and exercise culture in other countries and the affect globalization has on sport and exercise culture internationally.

## Finance (FIN)

**FIN 200 Special Topics in Finance (1-3)** Current topics which deal with on-going facets of finance.

**FIN 306 Money and Banking (3)** Basic principles of money and banking in a credit economy; organization and structure of financial systems in the United States; recent developments in monetary and banking policy; proposals for financial reform. (Prerequisite: ECO 201 or 203)

**FIN 325 Investments (3)** A study of the principles and guidelines for effective individual as well as institutional investment. This course covers stocks, bonds, derivative securities and mutual funds. The student will learn how to build and manage an investment portfolio and understand risk assessment. Simulated trading platform may be used to learn online trading. (Prerequisite: FIN 362)

**FIN 326 Advanced Investment Analysis (3)** This course provides a deeper understanding of subjects covered in FIN 325 Investments. Emphasis is given to derivative investments and security analysis. Mutual Funds are examined as investment vehicles. Portfolio management and risk management are explored. Case studies are analyzed in the context of theory. (Prerequisite: FIN 325)

**FIN 362 Introduction to Finance (3)** Introduction to financial decision-making: institutions, markets, essential concepts, analysis, planning, strategies, and methods. (Prerequisites: ACC 201 or 203-204 or ACC 205 & 206; MATH 203, 207 or 217 may be taken concurrently)

**FIN 363 International Finance (3)** A look at the global financial marketplace, focusing on the foreign exchange market and the balance of payments. Examination of the political, legal, and economic variables that determine the exchange rate. (Prerequisites: ECO 203 or ECO 201 and 202; FIN 362)

**FIN 367 Financial Planning (3)** An exploration of the field and competencies of financial planning services including development of personal financial plans, debt, and liquidity management, financing decisions, insurance, asset allocation, retirement planning, and estate planning. An application approach is taken with case studies and practical examples. (Prerequisites: ACC 203/204 or ACC 205/206 and FIN 362. Student may only receive credit for BUS 302 or FIN 367.)

**FIN 368 Advanced Corporate Finance (3)** An examination of corporate restructuring, equity and debt offerings, mergers and acquisitions, bankruptcy, derivative securities such as options, futures and swaps, and other topics of current interest in the corporate finance area. The course will also examine case studies of prominent and news-worthy businesses and discuss corporate culture as it relates to financial performance. (Prerequisite: FIN 362)

**FIN 370 Non Profit Finance (3)** A study of the theories and practices of non-profit financial management and decision making, including budgeting, reporting requirement, non-profit accounting and financial standards, laws, regulations, and tax provisions. Focus is on the role of financial management in maintaining financial health and legal status of a non-profit organization and preserving public access and ethical standards. (Prerequisites: FIN 362)

**FIN 372 Current Issues in Finance (3)** Exploration of contemporary topics in finance. The complex topics may vary each semester to reflect the dynamic nature of financial markets in a globalizing, regulatory and ethical environment. (Prerequisites: FIN 362)

**FIN 373 Finance for Decision Making (4)** Management level analysis and discussions of the techniques of accounting for business transactions and reporting will be studied. This course will have an emphasis on interpretation of financial statements for both planning and controlling functions of management for use in making sound business decisions.

**FIN 398 Finance Practicum (3)** This culminating course prepares students for the real challenges of working in the field of finance. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

**FIN 399 Finance Practicum (3)** This culminating course prepares students for the real challenges of working in the field of finance. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

**FIN 401 Independent Study & Research (1-6)** Designed to provide an opportunity for a junior or senior to engage in independent study and research in a specific phase of the major field.

## Foreign Language Education (FLE)

**FLE 307 Strategies Teaching Foreign Languages (3)**

Specialized instruction in the theories and practices of global language teaching and learning, integrating the use of current technologies.

## Fashion Merchandising (FMD)

**FMD 101 Apparel Construction & Design (3)** This course provides students with a basic understanding of garment construction. Students apply textile principles, design elements and styling into constructing garments which are a reflection and reinterpretation of current trends in a specific market. A sample book of various construction methods and details is developed. Selection of fabrics, fabric utilization, measuring bodies and sizing are incorporated into the understanding of proper construction and fit. 2 hour lecture, 2 hours laboratory. (Fee applies)

**FMD 106 Computer Applications for Fashion (3)** An introduction to the use of various computer applications used in the fashion industry. Students will experience and acquire skills in the fundamental use of the Adobe Creative Suite and Microsoft Office, including Excel, Word and PowerPoint. (Fee applies)

**FMD 126 Introduction to the Fashion Industry (3)** Comprehensive study of the fashion industry including history, current events and potential career paths in fashion. Students will gain an understanding of business and economic principles and understand the direct application to the rationale and decision-making of the fashion industry. From the Industrial Revolution to contemporary trends in textiles and fashion, this course explores business and economic theories through real world, up-to-date examples applied to the fashion industry.

**FMD 127 Introduction to Product Development (3)** An in-depth study of product development and the processes involved in creating new products from concept to consumer which include business planning, consumer markets, trend forecasting, color management, fabrication, garment styling, line development, sizing, quality, sourcing, pricing, costing, sales, production, and distribution. (Prerequisite: FMD 126)

**FMD 200 Special Topics in Fashion (1-3)** Survey of contemporary trends in fashion focusing on specific categories of fashion products or specific segments of the industry. Topics include: menswear, bridal, lingerie, children's, accessories, cosmetics, film, sustainability, outdoor/activewear, etc.

**FMD 206 Flat-Pattern Making & Design (3)** Principles of design and textiles are applied in the development of original designs utilizing flat pattern methods. 2 hour lecture, 2 hours laboratory. (Prerequisite: FMD101). (Fee applies)

**FMD 207 Draping (3)** Principles of design and textiles are applied in the development of original designs utilizing draping methods. 2 hour lecture, 2 hours laboratory. (Prerequisite: FMD 101, 206) (Fee applies)

**FMD 208 Technical Design in Adobe (3)** Exploration of the technical design process and creation of flats and specifications for various types of garments and products. Students learn about print repeats along with woven and knit simulation. (Prerequisite: FMD 209)

**FMD 209 Adobe II for Fashion (3)** Students advance their skills in using Adobe for technical drawings, illustrations, print design and store layouts for visual presentations. (Prerequisite: FMD 106).

**FMD 300 International Fashion Study Tour (3)** Travel to key countries/cities of the world during spring break experiencing various aspects of the fashion industry and meeting industry professionals abroad. These trips are customized for fashion merchandising students to provide a hands-on experience.

**FMD 309 Textiles (3)** Analysis of material and products from the basic concepts, including fiber content, yarn construction, fabric construction, finishes, applied surface design, dyeing and printing, and the basic components of construction and quality.

**FMD 310 Apparel Construction & Design II (3)** Students advance their construction and design skills while furthering their

understanding of proper construction and fit. Industrial sewing machines will be used for construction. Students will develop a collection from concept to technical packs to final garments. 2 hour lecture, 2 hours laboratory. (Prerequisites: FMD 207, 344) (Fee Applies)

**FMD 320 Visual Merchandising I (3)** Visual Merchandising promotes the communication of a brand and/or fashion trend to the consumer. Students will learn the basic concepts, methods and application of visual design for various retail venues with a concentration in department store visual and merchandising practices. Students will be exposed to common tools of the trade, design principles, consumer psychology and marketing principles to aid in the creation of various displays on and off campus. The course covers methods of promoting and displaying merchandise, retail analysis and use of props and lighting to influence consumer spending.

**FMD 321 Visual Merchandising II (3)** Visual communication has a key role in the success of a company. In this course, students advance skills in visual merchandising and styling to communicate brand identity which translates a company's value into appealing imagery for their target market. The course covers how to establish a career in styling and lays out the base knowledge a stylist must have in order to work in the industry. This course also includes an exploration of fashion terms, icons, history, and sources of inspiration, as well as portfolio building, branding and networking. (Prerequisite: FMD 320)

**FMD 324 History of Costume (3)** Study of historic costume from ancient times to the present day with emphasis on the geographical, political, religious, and social factors, which affected the clothing worn.

**FMD 328 Buying Principles & Practices (3)** In-depth study of the purchasing functions and responsibilities of the buyer (traditional retailer) or merchant (private-label retailer) of various product categories. Analysis of buying plans based on merchandise assortment and dollar planning. (Prerequisites: FMD 106, MATH 205)

**FMD 334 Fashion Seminar (3)** Senior level course designed to provide students with job search skills and strategies, and will hone their presentation and interview skills. This course builds and expands on all coursework with the goal of integrating content and applying it to real-life scenarios. The students will use their business and creative skills to craft an innovative response to the needs of a company. (Senior status required)

**FMD 337 Fashion Field Experience I (3)** The purpose of this course, via reflection and analysis, is to integrate the experience (90-120 hours of off-campus work experience) and insights gained with the academic theory, principles, concepts and ethical aspects of the industry. In addition to academic goals, this course is intended to enhance their professional and public speaking skills, strengthen their personal and professional values and ethics, clarify their personal and career goals, and develop their self-confidence.

**FMD 338 Fashion Field Experience II (3)** The purpose of this course, via reflection and analysis, is to integrate the experience (90-120 hours of off-campus work experience) and insights gained with the academic theory, principles, concepts and ethical aspects of the industry. In addition to academic goals, this course is intended to enhance their professional and public speaking skills, strengthen their personal and professional values and ethics, clarify their personal and career goals, and develop their self-confidence. Experience I and II must be with different companies. (Prerequisite: FMD 337)

**FMD 339 Portfolio Development (3)** Senior level course which covers the preparation and enhancement of a professional portfolio including professional image, demonstration of skills, and

display of relevant projects. Students will refine their presentation and interview skills.

**FMD 344 Product Line Management (3)** Product managers, sometimes known as brand managers, are responsible for managing the marketing activities for their product or brand and typically have responsibility for sales volume and revenues. The courses will focus on developing critical skills such as developing brand strategy, advertising, promotional programs, and the planning activities associated with those tasks. (Prerequisites: FMD 106, 127, 328)

**FMD 345 Fashion Marketing (4)** This course focuses on the integration of fashion marketing concepts, practices and applications. Students will analyze opportunities regarding merchandise positioning, brand imagery, targeting and segmentation of fashion products and will facilitate the development of a marketing/merchandising plan. In addition, students will learn about all aspects of fashion show production; a key promotional activity. Throughout the course various careers in fashion are examined including, advertising, marketing, and public relations. (Prerequisite: MKT 309)

## Foods and Nutrition (FNU)

**FNU 109 Food Fundamentals (3)** Study of food, food preparation and meal planning, with an emphasis on composition, nutritive value, convenience, preservation, and safety.

**FNU 200 Spec Topics in Food & Nutrition (1-3)** Focused study of a food and nutrition topic of current interest. Topic varies by semester.

**FNU 206 Introduction to Dietetics Profession (1)** Survey of the historical and philosophical foundations of the profession of dietetics, including the Academy of Nutrition and Dietetics, professional ethics, the professional role of the registered dietitian, and career opportunities. Course is for Nutrition majors only.

**FNU 208 Normal Nutrition (3)** The role of nutrients in body structure and function. Identification of the normal nutritional needs of individuals. Clarification of contemporary issues concerning health and nutrition.

**FNU 212 Nutrition and Culture (3)** Study of historical, socio-economic, religious and immigration factors that have influenced the food and nutritional habits of diverse groups around the world and in the United States.

**FNU 213 HON: Current Issues in Nutrition (3)** Identification and investigation of timely nutrition issues; critical thinking skills, research and analysis applied to scientific, consumer-oriented, and global aspects of nutrition.

**FNU 220 Lifecycle Nutrition (2)** The study of the nutritional needs throughout the life cycle, including: pregnancy and lactation, infants, children, adolescents, adults and older adults. Review of nutrient and energy needs, assessment of nutritional status and consequences of inadequate nutrition at each stage of life. (Prerequisite: FNU 208)

**FNU 305 Advanced Nutrition I (3)** Principles of human nutrition; factors involved in the availability, digestion, absorption, and utilization of macronutrients; energy balance; techniques for assessing personal nutritional status. (Prerequisites: CHE 201, FNU 208)

**FNU 310 Experimental Foods (3)** Experimental techniques and procedures used to study the physical and chemical properties of basic food materials and the alterations they undergo during preparation. (Prerequisites: CHE 101-102; FNU 109) 2 hours lecture, 2 hours laboratory

**FNU 315 Plant Powered Nutrition (3)** Principles of plant-based nutrition in health and wellbeing, including the review of current science, dietary trends, and application in the prevention and treatment of chronic disease. Students will investigate the use of plant-based diets in different cultural practices and as a part of complementary and integrative medical practice. (Prerequisite: FNU 208, grade of C)

**FNU 317 Sports Nutrition (3)** The role of nutrients in physical activity and performance. Application of the principles of nutrition to the special requirements of the athlete. Exploration of ergogenic aids and supplements. (Prerequisites: FNU 208 or 305)

**FNU 320 Community Nutrition (3)** Study of nutritional needs during the stages of the life cycle; methods used to provide care through utilization of local, state, and federal resources, services for health promotion, health maintenance, and rehabilitation; evaluation of multicultural factors in nutrition. (Prerequisites: FNU 220, 305)

**FNU 322 Advanced Nutrition II (3)** Study of the nutritive process with a focus on the micronutrients; interrelationships among nutrients and mechanisms by which nutrients are metabolized in the cell; the interpretation and application of current research in nutrition studies. (Prerequisites: FNU 305; CHE 202)

**FNU 325 Medical Nutrition Therapy I (3)** Study of the physiological basis for therapeutic diets in disease; dietary modifications for specific disease conditions; role of the dietitian in patient care. (Prerequisites: FNU 322; BIOL 210)

**FNU 326 Medical Nutrition Therapy II (3)** Study of the physiological basis for therapeutic diets in disease; dietary modifications for specific disease conditions; role of the dietitian in patient care. (Prerequisite: FNU 325)

**FNU 353 Strategies Teaching Nutrition Concepts (3)** Survey of historical and philosophical development of the profession of dietetics. Study of educational objectives, teaching strategies, selection and production of nutrition education materials, and evaluation techniques. Application of these strategies to in-service and client instruction. (Prerequisites: FNU 220, 305)

**FNU 357 Foodservice Operations (3)** Essentials of the operation of a foodservice facility; cycle menus, purchasing specifications, food and equipment, storage, production, quality control, safety and sanitation, delivery and service. (Prerequisite: FNU 109)

**FNU 358 Foodservice Management (3)** Concepts, theory and design of foodservice organizational structure. Management decision-making, planning, communication, implementation, and control. (Prerequisites: FNU 357, 359)

**FNU 359 Foodservice Experience (1)** Four class meetings and 48 hours of off-campus experience in foodservice operations. To be taken concurrently with FNU 357. (Prerequisite: FNU 109; Co-requisite: FNU 357)

**FNU 362 Nutrition Counseling (3)** Examination and application of counseling skills, strategies and tools needed to promote changes in nutritional health behavior. (Prerequisite: FNU 353)

**FNU 370 Nutrition Practicum (3)** Application of practice and research skills in acute, long-term care, and community environments. Combination of classes and off-campus experiences. Proof of medical insurance is required. Transportation to and from facilities is each student's responsibility. (Prerequisite: FNU 353; Co-requisite: FNU 372)

**FNU 372 Nutrition Seminar (3)** Study of practice and research skills in acute, long-term care, and community environments. (Co-requisite: FNU 370)

## French (FREN)

**FREN 101 Elementary French I (3)** Introduction to the four basic language skills: speaking, writing, listening, reading. Emphasis on pronunciation and the fundamental elements of verb and sentence structure. Laboratory work required.

**FREN 102 Elementary French II (3)** Continuation of the study of the four basic language skills: speaking, writing, listening, reading. Emphasis on pronunciation and the fundamental elements of verb and sentence structure. Laboratory work required. (Prerequisite: FREN 101 or instructor approval)

**FREN 201 Advanced Intermediate French I (3)** Contemporary overview of French language, syntax, and grammar with materials selected for exploring French culture. Emphasis on development of student autonomy in French, especially in speaking and writing. Laboratory work required. (Prerequisite: FREN 102 or instructor's approval) (Offered every fall)

**FREN 202 Advanced Intermediate French II (3)** Continuation of contemporary overview of French language, syntax, and grammar with materials selected for exploring French culture. Emphasis on development of student autonomy in French, especially in speaking and writing. Laboratory work required. (Prerequisite: FREN 201 or instructor approval)

**FREN 301 Study Travel: France (3)** Study/travel immersion course conducted in English with the option of receiving credit in French. Classes meet once a week in the spring. Travel in May with final paper required to receive credit. Limited enrollment. Travel costs additional. Students who opt for French credit will utilize the French versions of the readings and films when available. Students may be enrolled in FREN 202 simultaneously with this course. This course is cross-listed with ART 301 and HIST 301. No prerequisite required for history credit.

**FREN 302 Intensive Study Abroad: French (3)** Study/travel immersion course conducted in French. Classes meet once a week in the spring. Travel in May/June and final paper required to receive credit. Limited enrollment. Travel costs additional. (Prerequisite: 201-202 and departmental approval)

**FREN 309 French Phonetics & Conversation (3)** Concentrated exercises in French diction, pronunciation, and conversation; application of international phonetic principles. Emphasis on oral proficiency. Extensive laboratory work required. (Prerequisite: FREN 202 or instructor's approval)

**FREN 310 French Stylistics: Composition (3)** Concentrated study of the elements of grammar and expression through the imitation of selected passages and the writing of various forms of original composition: essay, instruction, narration, description, correspondence, and poetry. (Prerequisite: FREN 202 or instructor's approval)

**FREN 312 Advanced Conversation (3)** Intensive group discussions and oral reports revolving around current themes and issues. Emphasis on oral proficiency and use of specialized vocabulary and idioms. Laboratory work required. (Prerequisite: FREN 309 or instructor's approval)

**FREN 314 W1: Francophone Cultures- Film (3)** Exploration of the French-speaking world through film. Study of people, places, and contributions of French speakers from around the globe. Discussion of similarities and differences among Francophone cultures and in comparison with American culture. (Prerequisite: FREN 309 and 310, or instructor's approval)

**FREN 323 French for Careers (3)** Specialized French language for careers in industry, government, and service to respond to the needs of international transactions in the French-speaking world. (Prerequisite: FREN 309 and 310, or instructor's approval)

**FREN 336 WI: La Francophonie (3)** Study of the geography and cultures of the French-speaking world. Independent readings and discussion of major Francophone authors and the social and political issues reflected in their work. (Prerequisite: FREN 309 and 310, or instructor's approval)

**FREN 339 Contemporary Culture & Readings (3)** Taught in seminar mode, this course is the study of contemporary issues, culture and civilization in France. Independent readings and discussion of major 20th century French authors. (Prerequisite: FREN 309 and 310, or instructor's approval)

**FREN 401 Independent French Studies I (1-3)** Individual research under the guidance and supervision of a member of the department. Approval of the chairperson is required.

## First Year Experience (FYE)

**FYE 100 First Year Experience (1)** This course is designed to help students make the transition from high school to college and to make connections within the college and the community at large. Students will develop academically and personally through critical thinking, collaborative learning, and service.

**FYE 101 First Year Exp for Scholars (2)** This course is designed to help students make the transition from high school to college and to make connections within the college and the wider community. Students will develop academically and personally through critical thinking and collaborative learning. Furthermore, the course, designed to help incoming students develop strong study skills, will assist students in learning more about their own study habits and how to build upon these habits to ensure their success at the college level.

**FYE 110 HON: Keystone Seminar (3)** The Honors Keystone Seminar 1) invites the honor student into the Immaculata academic community through social interaction with faculty, administrators, and fellow students; 2) develops a sophisticated attitude toward the learning process; 3) introduces students to diverse academic disciplines through the personal narratives of faculty members; 4) invites students to participate in on-campus and off-campus social, co-curricular, and extra-curricular activities; 5) engages students in an honors service learning project. The Honors Keystone Seminar fulfills the normal FYE requirement in the liberal arts core. ENG 117 satisfies the more general requirement for ENG 106 and 107.

## Geography (GEO)

**GEO 101 Introductory World Geography (3)** A study of the physical environment for its geographic significance. Examination of the similarities and differences from place to place, on a world scale, of man and his works.

## Health Care Management (HCM)

**HCM 120 Introduction to Health Care (2)** Introduction to the health care environment and information that is pertinent to the delivery of health care. Emphasis is placed on legal, ethical, safety, interpersonal behaviors, and communication considerations within the health care system. The course also reviews selected health professions and covers associated details of the occupation including work descriptions, environments, education and training, licensure, advancement and trends.

**HCM 201 Medical Terminology (3)** An overview of medical terminology for students which is predominately self-instructional, utilizing course information from a textbook and accompanying software.

**HCM 301 Health Data Management (3)** An introduction to the

storage and retrieval, classification systems, access and release of health information, transcription, electronic document management systems will be addressed. Documentation requirements and standards for data sets will be reviewed.

**HCM 302 Contemporary Issues in Health Care (3)** Introduction to the challenges facing the contemporary health care system and its managers. Focus is on the increasing complexity of the health care system, the underlying forces affecting health care outcomes, sources of health care data, and the rapid proliferation of health care resources.

**HCM 306 Human Resource Management Health Care Setting (3)** Conveys the principles of human resource management in the health care environment. Emphasizes management techniques such as interviewing, training, performance evaluation, compensation and benefits. Addresses trends in human resource management in the health care arena.

**HCM 311 Health Care Information Systems (3)** Foundational knowledge needed to participate in the selection, implementation and use of clinical and administrative information systems. Familiarizes the student with new and emerging software applications in the health care field and how they can be used by health care managers.

**HCM 312 Budget & Finance Health Care Organizations (3)** Exploration of the financial management functions at the institutional and department level. The institutional financial process is reviewed. Focus is on budgeting and cost analysis for department-level operations and the accounting for capital expenditures.

**HCM 314 Finance Accounting in Healthcare (3)** This course will address the basic principles of accounting required in the healthcare environment: relevant financial terminology, financial statements and the analysis of financial statements within the health care industry.

**HCM 315 Finance Reporting in Healthcare (3)** This course will address financial reporting issues in the healthcare environment, including coding and reimbursement, in both private and public health systems. Financial Reporting in Health Care Systems supports the development of a solid understanding of the role of financial management, budgeting and activity costing within the health care industry. (Prerequisite: HCM 314).

**HCM 321 Leadership in Health Care Settings (3)** Exploration of various concepts and theories of leadership and how these might be applied to and impact management functions in health care settings. Review of the multiple leadership structures in health care organizations. Discussed are leadership versus management skills, team development, systems theory, organizational culture, and the role of the middle manager.

**HCM 326 Community Relations in Health Care (3)** Delineation of the dual role of the health care industry as a provider of a public "good," while at the same time, functioning as a business enterprise. Students are introduced to the field of population (public) health. Students discuss outreach to underserved populations, health education and information, community activism, as well as marketing principles and strategies, market research, advertising and public relations as these are applied in health care.

**HCM 340 Legal & Social Aspects of Health Care (3)** Students become familiar with the legal and ethical issues in the delivery of health care services and the social environment in which health care is provided. In addition to aspects of the law pertaining to negligence, contracts, consents, confidentiality, privacy, risk management and medical research, students investigate the implications of the socio/economic status of patients, demographics, and health insurance/payment policies.

**HCM 421 Health Ethics (3)** This course meets Liberal Arts Core Requirements for ethics. An introduction to Health Ethics for those anticipating a career in health care. Health Ethics includes but is not limited to Medical Ethics, Health care Ethics, Bioethics, Biomedical Ethics, and Health Professional Ethics. Topics include the foundation for ethics in the theories and principles of ethics as applied to health care and a variety of ethical issues in health, including beginning of life issues (e.g. cloning, abortion, etc.) and end of life issues (e.g. euthanasia, assisted suicide, etc.). The Ethical and Religious Directives for Health care from the American Council of Bishops is covered. Special topics according to the interests of the professor and students will also be included (e.g. transplants, informed consent, medical mistakes). Required course for Health Care Management and Allied Health majors.

## History (HIST)

**HIST 115 World Civilization I (3)** An introductory survey of the origins, development, and achievements of the world's major civilizations from ancient times to the end of the European Middle Ages; emphasizes the comparative study of cultures and institutions, and contacts among different civilizations.

**HIST 116 World Civilization II (3)** An introductory survey of the development and transformation of the world's major civilizations since the 15th century; emphasizes the process of social, economic, and political change as the West asserted global dominance, the reaction of non-western societies, and the development of interdependence among civilizations in the contemporary world.

**HIST 200 Special Topics in History (1-6)** Selected topics in history and politics. Topics will rotate based on student and faculty interest.

**HIST 201 Sports History (3)** This semester-long class will introduce students to the significance of sport as part of the larger American experience. Throughout the course, students will engage with the role of sport in relation to nationalism, race and racism, gender politics, class conflict, and community formation.

**HIST 204 I.H.M. History (3)** History and spirituality of the Congregation of the Sisters, Servants of the Immaculate Heart of Mary. (Offered in the IHM Formation Academic Program)

**HIST 205 The American Revolution (3)** Origins, progression, and consequences of the founding of the American Republic.

**HIST 206 The American Civil War (3)** Military, social, and political history of the American Iliad.

**HIST 207 Seminar: The Historian's Craft (3)** An introduction to historiography and to the methods of historical research, analysis and writing. This course should be taken in sophomore year and is required for the major.

**HIST 208 African American History I (3)** This course will examine the experiences of African Americans in the United States from the colonial era to the present.

**HIST 209 Screen History: American History & Film (3)** For moviegoers, films both reinforce and challenge their conceptions of their world and their past. This course will examine noteworthy American films in light of their historical significance and context.

**HIST 210 The Science Fiction 1950s (3)** Many interesting films were produced in the Cold War 1950s that reflected pervasive American fears of communist infiltration and invasion. This course will explore major and minor films of that period, and examine the varied ways in which Hollywood portrayed the "enemy" and the scientific wonders of the emerging Space Age.

**HIST 211 Documentary Film (3)** This course examines the problems, techniques, and achievements of efforts to record or reconstruct events on film in a historically accurate way.

**HIST 213 The Contemporary United States (3)** An exploration of the roots of contemporary issues in society in the United States: the increased power of the executive in government, the rise of minority groups, the changing family, the place of communications media in the formation of public opinion, and changes in the economy.

**HIST 214 HON: Refugees (3)** Examines the origins, experiences, consequences and future of mass flights of humans across national boundaries.

**HIST 215 History & TV: American History 1950-1990 (3)** A social and cultural history of American society as viewed through the medium of television. Students will read and analyze the audio-visual texts of television in concert with a variety of primary and secondary readings in order to trace the changes in American society during and immediately after the Cold War.

**HIST 216 Women's History (3)** Historical perspectives on the evolution of women's lives and roles in America and the rest of the world.

**HIST 217 Ireland & Irish Diaspora: Film (3)** This course examines decisive moments and important developments in the history of Ireland and of the Irish abroad through the medium of film.

**HIST 218 The History of Ireland (3)** Survey of the history of Ireland from pre-Celtic times through the present with a special emphasis on the development of the Anglo-Irish ethnic and religious conflict.

**HIST 219 WI: The First World War (3)** Military, political, economic, social, and cultural aspects of the watershed event in modern history, the war of 1914-1918.

**HIST 220 The Legend of Duffy's Cut (1-3)** Examine the tragic death by cholera and violence of 57 Irish immigrant railroad laborers near campus in 1832 from the perspectives of American immigration, epidemiology, labor history, and forensics. A subject unique to Immaculata University, the course will utilize the exclusive book and film of the same subject. (Usually one credit, but may run as three credits).

**HIST 222 History of American Education (3)** Examines the development of educational policy, the school system, reform movements, professionalization, and the changing social and political frameworks of education in America from the Colonial era to No Child Left Behind.

**HIST 224 The World Conquerors (3)** This course explores, through biographies and other sources, the global history created through the activities of five individuals who created personal, universal empires and shaped whole epochs of human history: Alexander the Great, Attila the Hun, Genghis Khan, Napoleon Bonaparte and Adolf Hitler.

**HIST 225 HON: Conflict in Islamic World (3)** This course will explore the contemporary conflict in the Middle East and its roots. With the departure of European colonial powers from the Middle East after World War II, several factors put the region on a course for conflict including the creation of Israel in 1949, the rise in the global demand for oil, and the social displacement caused by infrastructure modernization in the Arab lands that accompanied the growing oil industry.

**HIST 227 History of Science & Medicine (3)** This course will familiarize students with the history of science and medicine from the ancient period through the twentieth century. Students will gain an appreciation and understanding of the intersections of science, religion, and politics.

**HIST 228 WI: The Second World War (3)** Examines the many facets of the most important event of the 20th Century in its global context.

**HIST 231 WI: Age of Discovery & Reform (3)** Investigation of the European world from the voyages of discovery to the eve of the French and Industrial Revolutions. Topics addressed include the political, economic, and intellectual foundations of the rapid transformation in the modern era and the growth of European contacts with the non-western world.

**HIST 234 WI: Revolutionary Europe (3)** European history from the late 18th century to the outbreak of the First World War. Examines the political, economic, and social revolutions of the century of European ascendancy.

**HIST 235 WI: Europe in Twentieth Century (3)** The European experience from the outbreak of the First World War through the Great Depression and the crisis of democracy, the Second World War and reconstruction, to the collapse of communism and the movement toward European unity.

**HIST 238 WI: Italian Renaissance (3)** The Italian Renaissance represents a crucial moment in the shaping of the modern world. Serving as a bridge between the ancient Romans and Greeks and the Enlightenment, the men and women of the Renaissance reshaped their world and challenged the status quo. In this course, we will examine the history of the Italian Renaissance through the study of the intellectual, cultural, social, and political tumult of the age.

**HIST 239 Film History (3)** A survey of the history of film from silent film to the present. The course introduces students to genres, directors, and national cinemas while touching upon changing technologies, modes of production, and forms of distribution.

**HIST 293 Westerns (3)** Examines the history of the Westward movement through film and scholarship. Topics covered include race and culture, gender, capitalism, law and order, war, and the West in myth and legend.

**HIST 294 Crime Story (3)** Examines the portrayal and reality of major themes in crime and policing in films and literature.

**HIST 295 War Movies (3)** Examines the evolution of the military art across time, some of the chief professional and moral issues facing commanders, and artistic representations of war.

**HIST 296 Staff Ride (1-3)** This course examines the anatomy of a battle on the terrain where it occurred. The course involves trips to actual battlefields.

**HIST 300 HON: The Holocaust (3)** This course examines the 20th Century global phenomenon of genocide. It focuses on the Nazi German attempt to annihilate the Jewish population of Europe during the Second World War. The concerns of the course are 1) the destructive potential in modern systems of social order and 2) human behavior under extreme conditions.

**HIST 301 Study Travel (3)** Study/travel immersion course conducted in English with the option of receiving credit in French, Spanish, or Italian. Classes meet once a week in the spring. Travel in May with final paper required to receive credit. Limited enrollment. Travel costs additional. Students who opt for French/Spanish/Italian credit will utilize the French/Spanish/Italian versions of the readings and films where available. Prerequisite for French/Spanish /Italian credit: 201-202 and departmental approval. Students may be enrolled in 202 simultaneously with this course. This course is cross-listed with FREN301/SPAN301/ITAL301. No prerequisite required for history credit.

**HIST 303 History of American Business (3)** The history of American business from colonial times to the present. The course offers a variety of case studies from well-known companies and industries and a thematic emphasis on government-business relations.

**HIST 304 WI: Medieval Studies (3)** History of the Western world

from the mid-5th Century to the mid-15th century. Topics include the end of the Roman regime, the Germanic barbarian kingdoms, Byzantium and the Slavs, the rise of Islam, the Vikings, Church reform and crusade, economy and society, "Gothic Age" culture.

**HIST 311 WI: American Studies I (3)** A study of the American character, revolutionary America, and an analysis of America's race relations.

**HIST 312 WI: American Studies II (3)** An examination of modernity, reform, race, gender, and conflict in twentieth century America.

**HIST 335 Industrial East Asia (3)** Topics in the history of East Asia to illustrate the growing significance of the area and of its relations with the Pacific Rim.

**HIST 342 Foundations of Latin America (3)** A study of selected themes in the colonial background, culture, nation-building, and contemporary evolution of a new society in the lands south of the United States.

**HIST 345 History and Politics of Africa (3)** Historical analysis of the major personalities, states, and societies of Africa with an emphasis on sub-Saharan Africa. Focuses upon colonial Africa, the subsequent development of nationalism, the political situation, and its impact on world affairs.

**HIST 346 Middle East History & Politics (3)** A study of the historic forces that have shaped the contemporary Middle East, and an analysis of the regions significance in international politics including basic principles of Islam, Arab culture, and the influence of new forces in the Middle East.

**HIST 347 Russia: Politics and People (3)** Historical forces shaping the Russian identity and institutions; the rise and fall of the Communist regime, and contemporary developments in Russia.

**HIST 359 Field Experience /Internship (3)** An active participation in field areas related to history, politics, law, public policy, and international studies. Students may explore the work of museums, government agencies, aspects of the legal system, archives and historical societies, and social service agencies.

**HIST 360 WI: The Ancient World (3)** History of the ancient societies of Mesopotamia, Egypt, Greece and Rome, from the rise of the Sumerian city-states to the fall of the Western Roman Empire in 476.

**HIST 370 Themes in Religious Life (3)** Students will focus on the life and times of men and women who have embraced the consecrated life and develop a greater awareness and appreciation of the influence of this vocation within the Catholic religious tradition. (Offered in the IHM Formation Academic Program)

**HIST 371 Junior Seminar in History (3)** Preparation for the Senior Seminar entailing an examination of topics to be explored in greater depth in HIST 415. This course is required for the major.

**HIST 415 Senior Seminar in History (3)** In-depth research on a specific historical theme. Formal oral presentation to the seminar class, followed by a polished scholarly paper. This course is required for the major.

## Honors Program (HON)

**HON 366 HON: Science & Tech Literacy 21st Century (3)**  
The course is designed for anyone interested in exploring science topics especially when it pertains to one of their major and/or minor disciplines. The student will be asked to use technology as a tool for research and for enrichment. Ideally it should be a mix of science and non-science majors. The topics covered will be student driven with suggestions made by the instructor. These topics will be explored individually and together with class members, outside speakers, and faculty where needed. The course

material will consist of video, web and multimedia. Assessment will be through individual research papers group and individual in class presentations. This will help fulfill the goals of writing and presenting across disciplines. Finally, the course also provides an opportunity for students to achieve high proficiency in scientific academic research methods.

**HON 400 HON: Independent Honors Research (3)** The student plans and completes independent research on a subject of interest, which has been approved by the Honors Committee as having rigor commensurate with the goals of the Honors Program.

**HON 401 HON: Honors Colloquium (3)** Students and the faculty seminar leader determine a topic as the basis from which students can conduct independent research in their fields of interest.

## Human Resource Management (HRM)

**HRM 311 Human Resource Management (3)** The study of the role of human resource management within an organization. Topics include job analysis and design, employee recruitment, selection, orientation, training, motivation, performance review, and benefits, as well as the administration of legal and safety laws.

**HRM 318 Compensation and Benefits (3)** This course focuses on styles of compensation and the various benefits offered by employers to their employees. Compensation such as bases for pay and incentive plans along with legal, health, and social benefits will be presented.

**HRM 335 Business Training Strategies (3)** This course focuses on needs assessments, training styles, and forms of evaluation that may be utilized within an organization. Tools to implement each area of inquiry along with how training should be for the betterment of the company as well as employees.

**HRM 336 Managing Business Conflicts (3)** This course addresses the sources of and the resolutions for a variety of conflicts that arise within organizations. Discussions and assignments will address the organizational leader's roles, and responsibilities and relationships that are critical to successful conflict resolution. A case study approach is used to examine real-world conflict situations and methods for dealing with them.

**HRM 344 Recruitment & Selection (3)** In-depth research and discussions regarding employee recruitment and selection processes. Strategies of employee development, delineation of positions, and candidate selection are examined for internal and external candidates. Topics emphasize recruitment, interviewing, testing and validation from the view of an organization, the human resource department and the prospective employee. (Prerequisite: HRM 311)

**HRM 347 Employee Relations (3)** Topics focus on achieving and maintaining healthy employer-employee relationships. Labor-management relations and collective bargaining are examined in-depth. Addressing internal employee issues is a key consideration. Research, role play, and case study analysis in the incorporation of topics presented within required course readings will be the bases for discussions.

**HRM 348 Business Employment Law (3)** This course presents the legal environment of the employer-employee relationship. It provides an overview of the main areas of employment law, including anti-discrimination, labor relations, workplace safety and health, and compensation and benefits. Course content will consider legislation that governs employment activities. Primary focus will be on compliance with government regulations (Administrative Law) that detail rights and obligations within the employer-employee relationship. Case studies of significant court decisions are analyzed.

**HRM 376 Managing Human Capital (3)** Management level study and discussions relating to the application and working functions of organizational internal and external human resource issues. Issues have the focus of employees and their roles and responsibilities when they are components in the working successes of an organization.

**HRM 398 Human Resource Management Practicum (3)** This culminating course prepares students for the real challenges of working in the field of human resources. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

**HRM 399 Human Resource Management Practicum (3)** This culminating course prepares students for the real challenges of working in the field of human resources. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

## Humanities (HUM)

**HUM 200 Special Topics in Humanities (1-6)**

## Interactive Digital Media (IDM)

**IDM 110 Living in the Digital World (3)** Study of the wide variety of ways that technology is used in everyday life, as well as, how our lives are impacted by our daily technological choices. Our society would not exist without the aid of technology, and our dependence upon technological devices for the management and communication of every facet of our lives is paramount. Topics covered include the technological impact upon such themes as: religion, politics, entertainment, healthcare, education, sports, social media, and business.

**IDM 220 Principles of Interactive Digital Media (3)** This course is an introductory course to the world of interactive and digital media design. The focus will be on creating interactive experiences that are both functional and engaging. This will be approached from various points-of-view: design, usability, technique, and entertainment. Students will explore ways of constructing types of digital media and consider aesthetic, technical, and social effects of this work.

**IDM 325 Dynamic Program & Frameworks (3)** This course is an introduction to computer programming using various programming languages, such as: Processing, HTML, Java, C++, Python and others. This course covers basic procedural techniques such as variables, data types, selection, iteration, and functions. It will also introduce students to object-oriented programming. We'll also look at various general programming concepts, such as algorithm design and debugging. By the end of the course, students should be able to construct a moderately-sized, coded program.

**IDM 330 Foundations of Animation & 3-D Modeling (3)** This course offers a comprehensive introduction to the techniques, theory, history and cultural significance of animation and 3-D Modeling. Students will explore the history of animation as an entertainment and art form as well as demonstrate and apply basic skills in traditional (cell/stop motion) and digital animation.

**IDM 405 Internship (3)** The IDM internship Program provides an opportunity for professional experience supporting application and further development of the knowledge gained in the classroom. Under faculty supervision, students work in positions related to

their program and/or career goal, and complete reflective academic assignments. Specific assignments related to project management, project development, and project completion will be required in the internship. Mentors in the field will complete a review of student projects, supervision of student's day-to-day work in the industry, and a final professional characteristics and professional skill set evaluation. (Prerequisites: IDM 110, 220, 325, 330)

**IDM 410 Senior Capstone I: Research & Innovation (3)** The first of two courses in the IDM Capstone sequence, and to be followed by IDM 420. This course requires students to conduct rigorous research into an area of interest within Interactive Digital Multimedia, and to devise a project that demonstrates that research. Students are expected to implement a series of proofs-of-concept and ultimately write a thorough proposal for the project they will execute in the second semester of the IDM sequence, IDM 420. (Capstone)

**IDM 420 Senior Capstone II: Process & Publication (3)** The second of two courses in the IDM Capstone sequence, preceded by IDM 410. In this capstone course, students work closely with faculty to implement, test and refine the project they devised in the earlier semester. This course is writing-intensive, requiring students to extensively document their research, their process and their results. It is required that each student will have a working product prototype. (Capstone - Prerequisite: IDM 410)

## Information Systems (INFO)

**INFO 103 Introduction to Data Analytics (3)** Introduces the fundamentals of data analysis. Students learn to gather and interpret data in order to gain insight into possible future trends and strategies. Research and case studies exemplify how data analytics is being used in business and industry.

**INFO 104 Computer Technology & Applications (3)** Explores the skills required to effectively and efficiently use technology to increase productivity in terms of electronic communication and the management of information systems. Case studies are used to show the use of technology in various industries.

**INFO 105 Storytelling with Data (3)** A first course in creating and using charts, graphs, data maps, infographics in order to present data in a format that explains and interprets data.

**INFO 110 Introduction to Information Technology (3)** Introduces the discipline of Information Technology by providing an overview via historical, technical, professional, organizational and interpersonal perspectives. Addresses the varied contexts, viewpoints, and challenges when implementing information technology solutions. (Open to all students)

**INFO 115 Introduction to Informatics (3)** Introduces the concepts and approaches used for collecting, storing, and accessing data from a technology perspective as well as an organizational perspective. Describes and demonstrates how data, through its use and application, becomes an asset to individuals and organizations within the decision making process.

**INFO 120 Web Design Fundamentals (3)** Introduces the fundamental technology and tools used for designing and managing web-based content. Hands-on projects provide the development of the skill proficiency required for designing and managing web-based content. (Open to all students)

**INFO 125 Introduction to Information Policy (3)** Explores information policy through case studies that highlight the advantages and challenges regarding the collection and use of data/information for individuals and organizations. Information policy topics include, but are not limited to the collection, access, security, and privacy of data/information.

**INFO 200 Topics in Technology (3)** A topic in technology outside the standard course offerings in a specialized area of technology.

**INFO 214 Multimedia: Concepts & Design (3)** Explores the philosophical, cultural, and sociological aspects of multimedia. Hands-on projects utilize both creativity and the design process required to organize and produce a multimedia presentation. (Open to all students)

**INFO 215 Social Media Dynamics (3)** Examines the use of social software while exploring the benefits and issues associated with the latest digital technology. Develops proficiency in terms of effective use of data and information: searching, organizing, analyzing, storing, and communicating via the latest social computing tools. (Open to all students)

**INFO 230 Web Design Applications (3)** Develops skills for designing, implementing, and testing web-based applications. Considers design approaches leading to the implementation of effective interfaces appropriate for the users of the applications. Includes the use of current tools, databases, and digital media. (Prerequisite INFO 120)

**INFO 240 Technology Workshops (0-3)** Develops basic skills in specific electronic tools and technologies. Specific content offerings vary. (Open to all students)

**INFO 310 System & Project Management (3)** Explores the processes needed to define, design, build, buy, validate, and integrate systems into an organization. Develops the skills required for requirements engineering, identifying system components, acquiring, sourcing, integrating, testing and deploying systems for organizations.

**INFO 400 Topics in Technology (1-3)** Explores, through study or research, a specific topic chosen by the student (or a small group of students) and approved by a member of the department. (By prior arrangement with a member of the department.)

**INFO 404 Human Computer Interaction (3)** Introduces the issues concerning computer and software application usefulness and usability to the user community. Focuses on the ability to recognize the needs of application users in the context of accomplishing work within and across organizations. Considers a broad spectrum of skills, including but not limited to topics such as user and task analysis, ergonomics, human factors, accessibility standards as well as cognitive psychology.

**INFO 405 Professional Internship (1-3)** A limited-enrollment, mentored professional field experience in the application of information-technology skills. Students will apply for positions that will provide hands-on field experience and enhance career readiness. (By prior arrangement with a member of the department.)

**INFO 408 Research Fundamentals (1-3)** Provides an introduction to the methods currently used by researchers in this field. The research area (mathematics, computer and/or information technology) and specific topic is selected by the student in consultation with the instructor.

**INFO 409 Directed Readings (3)** Examines specific themes via assigned readings. The themes are selected by the group and instructor. Oral presentations as well as written reports are required.

**INFO 410 Senior Seminar (3)** Uses professional research methods for the development of an in-depth research paper and presentation on a mathematics, computer, and/or information technology related topic. Topics are chosen by the student in consultation with the instructor from current research areas or areas of emerging interest.

**INFO 420 Information Security (3)** Examines information assurance and security topics in an organizational context by

explaining and exploring operational issues, policies, procedures, attacks, defense mechanisms, risks and recovery. (Prerequisite: CIS 317 or instructor approval)

**INFO 430 Capstone Experience (3)** Hands-on, student led and developed technology or software project applying the best practices for the selection, creation, application, integration and administration of computing technologies. The project will challenge students to apply concepts from their completed course work as they use and integrate technology to create a technology solution.

## Italian (ITA)

**ITA 101 Elementary Italian I (3)** Introduction to the four basic language skills: speaking, writing, listening, reading. Emphasis on pronunciation and the fundamental elements of verb and sentence structure. Laboratory work required. (Offered every fall)

**ITA 102 Elementary Italian II (3)** Continuation of pronunciation and basic elements of verb and sentence structure through oral and written exercises. Laboratory work required. (Prerequisite: ITA 101 or instructor's approval)

**ITA 201 Advanced Intermediate Italian I (3)** Contemporary overview of Italian language, syntax and grammar with materials selected for exploring Italian culture. Emphasis on development of student autonomy in Italian, especially in speaking and writing. Laboratory required. (Prerequisite: ITA 102 or Instructor's approval)

**ITA 202 Advanced Intermediate Italian II (3)** Continuation of contemporary overview of Italian language. Emphasis on development of student autonomy in Italian, especially in speaking and writing. Laboratory required. (Prerequisite ITA 201)

**ITA 301 Study Travel (3)** Study/travel immersion course conducted in English with the option of receiving credit in Italian. Classes meet once a week in the spring. Travel in May with final paper required to receive credit. Limited enrollment. Travel costs additional. Students who opt for Italian credit will utilize the Italian versions of the readings and films when available. Students may be enrolled in ITA 202 simultaneously with this course. This course is cross-listed with HIST 301 and ART 216. No prerequisite required for History or Art credit.

## Mathematics (MATH)

**MATH 101 Basic College Mathematics I (3)** Survey course for students majoring in non-science fields. Concepts and applications of problem solving, set theory, logic, properties of numbers, application of number systems, algebra, and personal finance.

**MATH 102 Basic College Mathematics II (3)** Survey course for students majoring in non-science fields. Concepts and applications of measurement, geometry, probability, statistics, voting and apportionment, and graph theory.

**MATH 106 Introductory Algebra (3)** Introduction to algebraic concepts and language. The fundamental concepts of algebra are explored through development of mathematical models, interpretation of graphs, and solving of real-world problems. Topics include: linear equations and inequalities; polynomials and factoring; rational expressions; radical expressions; quadratic equations; and function notation. Designed for students who need to refresh their mathematical background prior to entering MATH 203-204.

**MATH 109 Math Fundamentals for Educators I (3)** For education students, this course is an overview of the mathematical topics commonly taught in elementary and middle schools, including: numbers and operations; algebra; geometry;

measurement; and data analysis and probability. In addition to the mathematical topics in the course, classroom discussions will focus on pedagogical methods.

**MATH 110 Mathematics for Nurses (3)** Exploration and application of mathematical concepts including: roman numerals, fractions, decimals, ratio and proportion, percentages, conversions, and various calculation methods within the context of nursing. The material is taught from a problem-solving perspective.

**MATH 111 Math Fundamentals for Educators II (3)** For education students, this course is an overview of the mathematical topics commonly taught in elementary and middle schools, including: numbers and operations; algebra; geometry; measurement; and data analysis and probability. In addition to the mathematical topics in the course, classroom discussions will focus on pedagogical methods.

**MATH 200 Topics in Math (3)** A topic in mathematics outside the standard course offerings in a specialized area of mathematics.

**MATH 203 Intermediate Mathematics I (3)** Focus on the study and analysis of data and functions through the interpretation of real-world examples. Course content includes reading, displaying, and interpreting data; gaining a graphic, symbolic, and numeric understanding of the algebra of functions including compositions, transformations, and inverses; understanding the differences between the basic functions including linear, polynomial, exponential, logarithmic, and trigonometric functions; and transforming data into equations through regression analysis. Use of spreadsheet technology will be integrated. (Requires competency in content covered in MATH 106.)

**MATH 204 Intermediate Mathematics II (3)** Continues the content of MATH 203 with an emphasis on developing, using, and interpreting mathematical models. Course content includes: solving systems of equations and inequalities including the use of matrices and linear programming; developing a deeper understanding of the basic functions including linear, polynomial, exponential, logarithmic, and trigonometric functions; and applying arithmetic and geometric sequences and series to real-world examples. Use of spreadsheets and other technology will be integrated. (Prerequisite: MATH 203 or equivalent)

**MATH 205 Retail Math I (3)** Applies mathematics to retail concepts. It demonstrates mathematics as a language that quantifies retail concepts so that the concepts are measurable. The measurable concepts are then analyzed to assist in the decision making process. Topics covered include: sales elements, retail pricing and re-pricing, markup equations, inventory, dollar planning and control, and profit.

**MATH 206 Retail Math II (3)** This course applies mathematics to advanced retail concepts. It demonstrates the use of mathematics, reasoning, and communication to retail decision making via case studies. (Prerequisite: MATH 205)

**MATH 207 Applied Calculus I (3)** Focus on the study and analysis of data and functions through the use of limits and derivatives. Course content includes understanding of limits and continuity; interpreting the growth or decay of a function by using derivatives; and solving optimization problems. In addition, students will transform real-world data into symbolic representations through regression analysis, and then use the symbolic representation to perform calculations. Use of spreadsheets and other technology will be integrated. (Requires competency in content covered in MATH 203 -204.)

**MATH 208 Applied Calculus II (3)** Focus on the study and analysis of data and functions through the use of integration. The emphasis will be on using integrals to solve real-world problems. Students will often transform data into symbolic representations through regression analysis, and then use the symbolic

- representation to perform calculations. Use of spreadsheets and other technology will be integrated. (Prerequisite: MATH 207 or MATH 301 or equivalent)
- MATH 216 WI: Discrete Math (3)** Introduction to discrete mathematical concepts including: logic, sets, sequences, probability, combinatorics, functions, relations, and graphs. The material will be taught from a problem-solving perspective with emphasis on applications to Information Technology.
- MATH 217 Math Concepts for Managers I (3)** This course makes explicit the connections between mathematics, mathematical modeling, and organizational dynamics. Students explore the mathematics behind tools used in the business environment and build an understanding of the mathematical infrastructure that supports management decisions. Topics include use of path analysis, linear programming, and the interpretation of graphs and statistics.
- MATH 219 Math Concepts for Managers II (3)** A continuation of MATH 217, this course makes explicit the connections between mathematics, mathematical modeling, and organizational dynamics. Students explore the mathematics behind tools used in the business environment and build an understanding of the mathematical infrastructure that supports management decisions. Topics include saving models, borrowing models, mathematics supporting digitizing information, and growth models.
- MATH 224 HON: God, Universe, & Math (3)** A survey of mathematical concepts in the context of philosophy and history. Initially, students learn mathematics by studying the problem solving methods used by philosophers and scientists. Through this approach, students view past problem solving as an iterative process - as the philosophers/scientists encountered both success and failure. Being enlightened by these various approaches, students develop their personal problem solving techniques when solving mathematical problems.
- MATH 301 WI: Calculus I (3)** In addition to being a traditional course in differential calculus that covers limits, continuity, and differentiation, this course emphasizes conceptual understanding, mathematical modeling, and data analysis through a series of laboratory exercises. Exercises will utilize technology to increase understanding, including graphing calculators, computer algebra systems, and spreadsheets. 2 hours lecture and 2 hours laboratory. (Requires competency in content covered in MATH 203-204.)
- MATH 302 WI: Calculus II (3)** Continuation of MATH 301, covering topics from integral calculus, including a variety of integration techniques and applications of integrals. Students will continue with the principles from MATH 301, including laboratory exercises that utilize technology to address conceptual understanding, mathematical modeling, and data analysis. 2 hours lecture and 2 hours laboratory. (Prerequisite: MATH 301)
- MATH 303 Introduction to Proof (3)** Introduction to mathematical proof techniques. Elementary topics from set theory and number theory will be used to teach common proof methods. This course is designed to facilitate the transition into the expectations of upper-level mathematics courses. (Prerequisite: MATH 216)
- MATH 304 Calculus III (3)** Continuation of MATH 301-302, covering additional topics from calculus, including L'Hôpital's Rule, improper integrals, infinite series, parametric equations, polar coordinates, vectors, and surfaces in space. This course continues with the principles from MATH 301-302, including lab exercises that utilize technology to address conceptual understanding, mathematical modeling, and data analysis. 2 hours lecture, 2 hours laboratory. (Prerequisite: MATH 301-302)
- MATH 305 Calculus IV (3)** The culmination of the calculus sequence, covering topics in multi-variable calculus, including vector-valued functions, partial derivatives, multiple integration, and line integrals. The principles from the rest of the calculus sequence are continued in this course, including laboratory exercises that utilize technology to address conceptual understanding, mathematical modeling, and data analysis. 2 hours lecture and 2 hours laboratory. (Prerequisite: MATH 304)
- MATH 307 Probability and Statistics (3)** The topics of this course include: basic concepts of probability; random variables, common distributions, and applications; and basic concepts of statistics including sampling distributions, confidence intervals, hypothesis testing, and regression. (Prerequisites: MATH 207 and 208 or MATH 301 and 302 or instructor's approval)
- MATH 308 Numerical Analysis (3)** This course introduces numerical techniques for approximating solutions to a variety of problems spanning algebra, differential and integral calculus, interpolation, differential initial-value equations, and linear systems. Convergence criteria and error analysis associated with approximation methods will also be considered. (Prerequisite: MATH 304 and CIS 218)
- MATH 309 Differential Equations (3)** Ordinary differential equations taught from a mathematical modeling perspective. Topics include: first-order equations, linear equations with constant coefficients, special systems of equations, and special equations of higher order. Real-world applications and technology are integrated. (Prerequisite: MATH 302 or 208)
- MATH 310 Modern Algebra (3)** A rigorous introduction to the theory of groups, rings, and fields. (Prerequisite: MATH 303 and MATH 311 or instructor's approval)
- MATH 311 Linear Algebra (3)** A study of vector spaces, matrices, determinants, and systems of linear equations. (Prerequisite: MATH 303)
- MATH 312 Modern Geometry (3)** This course covers the development of postulational systems. Both Euclidean and non-Euclidean geometry will be discussed. (Recommended prerequisite: MATH 303)
- MATH 322 Real Analysis (3)** A rigorous treatment of the topics of calculus, including: sequences, limits, continuity, derivatives, integrals, and series. (Prerequisites: MATH 303, MATH 304)
- MATH 400 Topics in Mathematics (1-3)** A study of selected topics outside usual offerings; by prior arrangement with the department. The topics of the course will vary depending on the student's interests.
- MATH 405 Professional Internship (1-3)** A limited-enrollment, mentored professional field experience in the application of mathematics skills. Students will apply for positions that will provide hands-on field experience and enhance career readiness. (By prior arrangement with a member of the department.)
- MATH 408 Research Fundamentals (1-3)** Provides an introduction to the methods currently used by researchers in this field. The research area (mathematics, computer and/or information technology) and specific topic are selected by the student in consultation with the instructor.
- MATH 409 Directed Reading (3)** Examines specific themes via assigned readings. The themes are selected by the group and instructor. Oral presentations as well as written reports are required.
- MATH 410 Senior Seminar (3)** Uses professional research methods for the development of an in-depth research paper and presentation on a mathematics, computer, and/or information-technology related topic. Topics are chosen by the student in consultation with the instructor from current research areas or areas of emerging interest.
- MATH 411 Strategies for Teaching Math (3)** For pre-service mathematics teachers, exploring strategies for teaching

mathematics in middle and high schools, and the appropriate use of computers and technology in the classroom. Discussions and projects will explore how the use of historical and multi-cultural materials can enhance the experience of students. Students will be introduced to the benefits of membership in professional organizations.

**MATH 412 Capstone Experience for Teachers (3)** Focus on selected topics in linear algebra, algebraic structures, statistics, number theory, and mathematical modeling and how these topics apply to middle and high school curriculum. The completion of a written paper is required. (Prerequisite: MATH 301-302)

## Middle Eastern Studies (MES)

**MES 200 Middle Eastern Literature (3)** Examination of the development of the short story, novel, and verse in Turkey, Iran, and the Arabic countries. Because this literature is so rich and diverse, the specific subject of the course will vary from semester to semester. Repeatable to a total of twelve credits.

**MES 201 Wars of the Middle East (3)** Examination of the history of conflicts in this vital area from the First World War to the current war in Iraq. While the course provides appropriate political, social, and economic context for understanding events, the emphasis is upon understanding international relations and military.

**MES 301 Arab Encounter with the World (3)** Examination of Arab encounters with the outside world from the Middle Ages through the present, looking at Islam's outward reach in such areas as exploration, trade missions, and conquest, and at the response to foreign cultures.

**MES 303 Power, Politics & Ethics of Oil (3)** An overview of the historic, economic, political, and legal development oil industry from its formation to the present. Special attention is paid to the intricate relationship between the oil industry, the Arab states, and the world economy.

**MES 304 Modern Middle Eastern Politics (3)** Examination of the domestic politics and international relations of the Middle Eastern states since the end of colonialism. Topics include the tension between Pan-Arabism and the nation-state, strategies of political and economic development, the contested history of democracy, and engagement with the great powers.

**MES 305 Islamic Art and Architecture (3)** Survey of the diverse forms of artistic expression in the Islamic world from the time of the Prophet through the present.

**MES 306 Role of Women in Middle East (3)** Examination of the familial, social, traditional, religious and political status of women within a range of Middle Eastern countries and ethnic groups including Iran, Iraq, Egypt, Turkey and Israel.

**MES 346 Middle East History & Politics (3)** A study of the historic forces that have shaped the contemporary Middle East, and an analysis of the region's significance in international politics including basic principles of Islam, Arab culture, and the influence of new forces in the Middle East.

## Marketing (MKT)

**MKT 200 Special Topics in Marketing (1-3)** Current topics dealing with ongoing facets of marketing.

**MKT 309 Marketing Principles & Practices (3)** Marketing operations, functions, and institutions with particular emphasis on consumer goods. Basic considerations of consumer motivation and behavior; retailing and wholesaling; product planning; distribution; pricing policies; marketing research; advertising and sales promotion.

**MKT 310 Innovative Marketing Strategies (3)** Creating value in any organization is a key to success. This course will focus on ways leaders create and leverage value in the marketplace. Students will examine ways in which organizations communicate this value in today's environment. Social and mobile media, as well as other emerging platforms, will be analyzed.

**MKT 331 Advertising Principles (3)** Introduction to advertising management from the perspective of the product manager or agency account supervisor. Covers fundamentals of planning and budgeting for an advertising campaign, media strategy development, and basics of commercial design and production for print and broadcast. (Prerequisite: MKT 309)

**MKT 350 E-Marketing (3)** The course examines the role of electronic resources (particularly the Internet) in contemporary marketing methods and strategies. Using a combination of case studies, simulations, and hands-on projects, students will examine the financial, technological, organizational, and ethical implications of marketing via this technology in both retail and business-to-business marketing ventures, as well as compare and evaluate this form of marketing with more traditional marketing venues. (Prerequisite: MKT 309)

**MKT 351 Retail Marketing (3)** An introduction to retail marketing, examining various retail formats, practices and strategies of small and large retailers, innovative strategies for retailing, franchising, retail firm organization and planning, and management of human resources and merchandise. (Prerequisite: MKT 309)

**MKT 352 Marketing Sales (3)** This course provides an examination of planning, organizing, directing, and controlling the decision-making policies related to sales marketing. Course will investigate the skills and activities involved in the professional selling process and its goals of producing sales, building and maintaining customer satisfaction, and ensuring company profit. (Prerequisite: MKT 309)

**MKT 354 Social Media Marketing (3)** This course examines how the social media platforms such as Facebook, Twitter, YouTube, and corporate blogs fit into an organization's overall marketing strategy. Course will investigate the skills and activities involved in designing and implementing effective social media marketing strategies. (Prerequisite: MKT 309)

**MKT 355 Brand Marketing (3)** Guidelines of marketing and theories of brand strategy will be discussed, researched and implemented, with a general concentration and then specifics regarding certain products and services. Brand-related decisions in the implementation process of brand strategies will be measured for marketing success/failure outcomes. (Prerequisite: MKT 309)

**MKT 357 Global Marketing (3)** This course examines product and service marketing in the global marketplace and the associated challenges. The course surveys international marketing approaches, foreign market dynamics, entry strategies, global marketing strategy, marketing plan, and communication plan. A spring break international trip is required component of this course. The cost of the trip is an added fee for this course. (Prerequisite: MKT 309)

**MKT 359 Marketing Research (3)** The course engages students in the processes and purposes of marketing research. Research design, data collection, data analysis, and application of research in problem solving and decision making will be covered. (Prerequisite: MKT 309; Co-requisite: ECO 307)

**MKT 364 Marketing Management (3)** This course examines the roles of marketing management and marketing managers in national and international markets. Heavy case study emphasis enables discussions leading to the rational of marketing decisions in both product and service industries. (Prerequisite: MKT 309)

**MKT 398 Marketing Practicum (3)** This culminating course prepares students for the real challenges of working in the field of human resources. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

**MKT 399 Marketing Practicum (3)** This culminating course prepares students for the real challenges of working in the field of human resources. An internship experience will provide an opportunity to combine actual field experience with classroom knowledge in an area of special interest. The course also provides the opportunity to re-examine learning objectives at the program level. (Instructor permission required)

## Music Therapy (MTR)

**MTR 100 Orientation to Music Therapy (1)** An overview of the music therapy field. Areas addressed include educational and training requirements in music therapy; historical underpinnings of music therapy; and an introduction to major orientations to clinical practice.

**MTR 103 Clinical Music Skills (1)** Private instruction for one-half hour weekly. This course concentrates on learning clinical music skills in piano, voice, and guitar and is a requirement for all Music Therapy majors. Course must be repeated until all levels of competency is achieved as assessed in MTR 104, 105, and 106. Additional fee applies.

**MTR 104 Clinical Music Skills Evaluation I (0)** An evaluation of musical competence in which the student prepares 10 songs (5 children and 5 adults) on piano and guitar, and performs a selection of these in a jury. These music skills are evaluated using competency criteria that include tunefulness of singing, quality of accompaniment, and overall musical integration. In addition, the student is required to transpose one of the prepared songs at sight and provide a simple accompaniment for a melody line provided during the jury using I, IV and V chords. Students must pass this evaluation in order to be admitted into MTR300 Music Therapy Practicum. Pass/Fail.

**MTR 105 Clinical Music Skills Evaluation II (0)** An evaluation of musical competence in which the student prepares 20 songs (5 children and 15 adult) on piano and guitar, and performs a selection of these in a jury. The student demonstrates a range of accompaniment styles on both piano and guitar, including folk, jazz, Latin and Blues. In addition, students transpose 4 and 5 chord songs at sight and provide an accompaniment to a notated melody that includes I, ii, IV, V, V7 and VI chords. Students must pass this evaluation in order to continue in music therapy practicum (MTR300). Pass/Fail.

**MTR 106 Clinical Music Skills Evaluation III (0)** An evaluation of musical competence in which the student prepares 30 songs (5 children and 25 adult) on piano and guitar, and performs a selection of these in a jury. Students demonstrate a range of accompaniment styles on both piano and guitar, accomplished during level I and II evaluations, as well as Travis picking, pentatonic improvisations on piano, and 12-bar Blues in at least three keys. In addition, students transpose 4 and 5 chord songs at sight and provide an accompaniment to a notated melody that includes I, ii, IV, V, V7 and vi chords. Students must pass this evaluation in order to be eligible for MTR400 Music Therapy Internship. Pass/Fail.

**MTR 200 Music Therapy Foundations (3)** Students survey the music therapy discipline and are oriented to professional issues.

Areas addressed include defining music therapy, areas of practice, and multicultural considerations in clinical practice. Methods of music therapy are introduced theoretically and applied in an experiential format. Students receive bibliographical instruction and are introduced to music therapy research through music-centered self-inquiry. (Prerequisites: MTR 100, PSY 101)

**MTR 201 Didactic Practices Music Therapy (3)** Students are introduced to didactic practices in music therapy, in which music experiences and therapeutic relationships promote the acquisition, restoration, or maintenance of cognitive abilities and skills integral to well-being. Clinical, and research literature pertaining to these practices are reviewed. The role of music experiences in client assessment and treatment is introduced in simulated didactic music therapy experiences. (Prerequisites: MTR 200, MUSC 391, MTR 103; Co-requisite: PSY 324)

**MTR 202 Medical Practices Music Therapy (3)** An examination of biopsychosocial medical practices in music therapy, in which music experiences and therapeutic relationships promote physiological and emotional wellbeing. (Prerequisites: MTR 103, MTR 200, MTR 201, Co-requisite: BIOL 202)

**MTR 203 Psychiatric Pract Music Therapy (3)** An examination of psychotherapeutic practices in music therapy, in which music experiences and therapeutic relationships promote mental and emotional wellbeing. (Prerequisites: MTR 103, MTR 200, MTR 201, MTR 202, MTR 300; Co-requisite: PSY 320)

**MTR 255 Technology for Music Therapy (1)** This course provides an overview of applications of music technology in the context of clinical music therapy. The fundamental language and concepts of audio technology (analog and digital) will be reviewed and the literature on technology in music therapy will be surveyed. Students will be introduced to computer-based music production and recording, including the basic uses of music sequencing, recording, editing, as well as the basics of MIDI technology including sound modules and controllers. Through creative projects students will explore the application of these technologies to help clients work towards physical and psychological goals.

**MTR 300 Music Therapy Practicum (1-3)** A supervised clinical field training experience in various music therapy settings. Students have the opportunity to apply various principles, skills, and resources acquired through course work, as well as to develop new skills and resources. Students work under the supervision of both an on-site music therapist and university music therapy faculty. A weekly clinical training forum provides students with opportunities to share experiences, address problems and issues, and exchange peer support. Students document the practicum in a professional report (presented at the culmination of the semester), and record their personal experiences in self-inquiry logs. Each student must complete a minimum of three practicums (each featuring a different client population), at 1 credit each (3 credits total), for a minimum of 65-70 clinical training hours per semester (200 hours total). With permission of the department, students may complete more than one practicum within a given semester. (Prerequisite: MTR 103, MTR 100, 200.) This course is repeated. (Fee: \$75 per credit) (Offered fall and spring semesters.)

**MTR 301 Ethical Practice in Music Therapy (1)** Students gain an understanding of ethical thinking in music therapy, focused on clinical practice, supervision and research. Students develop a working knowledge of AMTA and CBMT ethics and competency guidelines, discuss case examples, and develop critical thinking skills. Students also develop an understanding of HIPAA, professional relationships, confidentiality, and the relationship between education, training, clinical competence, and ethical practice. (Prerequisite: MTR 200)

**MTR 345 Psychology of Music (2)** An overview of the physiological, neurological, psychological, developmental and social foundations of music. Students develop an understanding of auditory processing and music perception, music cognition, developmental foundations of music perception and learning, and disorders specifically related to music perception and processing. Research in the Psychology of Music will be surveyed and evaluated. (Co-requisite: PSY 101)

**MTR 400 Music Therapy Internship (1-6)** An extended, intensive, clinical field training experience featuring one or more client population(s) and/or setting(s). Students continue to work under both on-site and academic supervision, and continue to participate in the weekly clinical training forum. Students document the internship through various reports and summaries, and continue to record their personal experiences in self-inquiry logs. Each student must complete a minimum of two semesters of internship (approximately six months in total, combined duration), at 2 credits each (4 credits total), and must accrue a minimum total of 1000 clinical training hours combined over all semesters elected). By special arrangement and with the permission of the department, internship may be completed on a part-time basis over three semesters (approximately one year in total, combined duration), at 2 credits each (6 credits total). Prerequisites: MTR 100, 200, 201, 202, 203, 300 (3 credits); all music therapy course grades at C or higher successful completion of MTR 104, 105, 106. This course is repeatable. (Fee: \$75 each time student registers regardless of the number of credits; normally student will register for 2 credits per semester) (Offered every semester.)

**MTR 401 Music Therapy Special Topics (0-6)** Individual reading, research, and presentation of a topic or development of a special project on an independent basis, under the direction of music therapy faculty. (Offered upon request.)

**MTR 406 Theoretic Orientation to MTR Clinical Practice (2)** Students prepare for professional life by developing a music therapy presentation, a resume, and practicing interview strategies. Students gain an understanding of the philosophical and theoretical underpinnings of music therapy clinical practice and integrate music therapy theories and practices through an examination of the clinical, theoretical, and research literature. This knowledge is applied by articulating and formally presenting their clinical orientation as it pertains to a particular population in a specific setting. Philosophies of therapy, human development, music and health are explored and connected to clinical practice with an emphasis on research. (Prerequisites MTR 203, MTR 300)

**MTR 408 Song Writing in Music Therapy (3)** An in-depth orientation to using songs in music therapy clinical practice. Students develop a theoretical, methodological and practical understanding of song writing, along with various forms of lyric substitution. (Prerequisite: MTR 200) Elective course offered as needed.

**MTR 410 Songs in Therapy: Repertoire Development (3)** Students survey the popular music literature and develop song repertoire in various genres, specifically focusing on children's music, spirituals, classic rock, folk, and popular music from the 1980s onwards. Sociocultural and developmental factors are discussed. (Prerequisite: MTR 200) Elective course offered as needed

**MTR 415 Music Therapy Research (1)** Students develop an understanding of research in music therapy, including the various methods that characterize qualitative and quantitative approaches to research. Students gain skills in research literature search tools, methods, and APA style, and in so doing, develop an understanding of reading, analyzing, and writing research. Students apply theoretical concepts by conducting practical experiments on

their peers in both quantitative and mixed methods approaches, and prepare posters illustrating the results of their research. (Prerequisite: MTR 345)

## Applied Music (MUA)

MUA 201 Flute (0.5)  
 MUA 203 Oboe (0.5)  
 MUA 205 Clarinet (0.5)  
 MUA 207 Saxophone (0.5)  
 MUA 209 Bassoon (0.5)  
 MUA 211 French Horn (0.5)  
 MUA 213 Trumpet (0.5)  
 MUA 215 Trombone (0.5)  
 MUA 217 Euphonium (0.5)  
 MUA 219 Tuba (0.5)  
 MUA 221 Percussion (0.5)  
 MUA 223 Harpsichord (0.5)  
 MUA 225 Organ (0.5)  
 MUA 227 Piano (0.5)  
 MUA 229 Harp (0.5)  
 MUA 231 Guitar (0.5)  
 MUA 233 Violin (0.5)  
 MUA 235 Viola (0.5)  
 MUA 237 Cello (0.5)  
 MUA 239 Bass (0.5)  
 MUA 241 Voice (0.5)  
 MUA 401 Flute (1)  
 MUA 403 Oboe (1)  
 MUA 405 Clarinet (1)  
 MUA 407 Saxophone (1)  
 MUA 409 Bassoon (1)  
 MUA 411 French Horn (1)  
 MUA 413 Trumpet (1)  
 MUA 415 Trombone (1)  
 MUA 417 Euphonium (1)  
 MUA 419 Tuba (1)  
 MUA 421 Percussion (1)  
 MUA 423 Harpsichord (1)  
 MUA 425 Organ (1)  
 MUA 427 Piano (1)  
 MUA 429 Harp (1)  
 MUA 431 Guitar (1)  
 MUA 433 Violin (1)  
 MUA 435 Viola (1)  
 MUA 437 Cello (1)  
 MUA 439 Bass (1)  
 MUA 441 Voice (1)

## Music (MUSC)

**MUSC 90 Music Convocation (0)** This non-credit course meets once throughout the semester. It provides for experience of student recitals, guest recitals, music seminars and exchange. It also allows for similar experiences at other on-campus and off-campus events. Pass/Fail (Offered fall and spring semesters.)

**MUSC 101 Music Appreciation (3)** This course is designed to assist students in the understanding and appreciation of a wide variety of musical styles which include classical and popular music. Open to all students. (Offered every fall.)

**MUSC 102 World Music (3)** This cross-cultural course explores the diverse array of global music which represent the mainstream as well as the perimeter of the world's musical languages. Varied

- media, Internet, and live performances will be included. Open to students of all disciplines. (Offered every spring.)
- MUSC 105 Voice Class (1)** Introduction to principles of correct vocal production through voice building and song literature. Required of all music students except those whose major performance area is voice. (Offered every spring)
- MUSC 106 Diction Class (1)** Group instruction on the correct pronunciation and enunciation for singing classical music repertoire in the most commonly used global and native languages. These languages include French, Italian, German, and English. Required of all music students whose major performance area is voice. (Offered every spring)
- MUSC 107 Brass Methods (1)** Overview of teaching procedures for beginning class instruction. Methods and techniques for learning basic performing skills on various brass instruments with applications for music teaching and learning theory. (Offered every fall)
- MUSC 108 Percussion Methods (1)** Overview of teaching procedures for beginning class instruction. Methods and techniques for learning basic performing skills on various percussion instruments with applications for music teaching and learning theory. Required for Music Education and Music Therapy majors. (Offered every spring.)
- MUSC 117 Guitar Class (1)** This course is designed to provide students with a functional and practical knowledge of fundamental guitar skills. These skills include basic techniques for chording, strumming, accompanying, picking, and reading guitar ligatures. This course is one opportunity for Music Education majors to prepare for passing the guitar proficiency exam (GPE) required by PDE. (Offered every fall)
- MUSC 118 Music Fundamentals (1)** A thorough presentation of music essentials (assessment levels given by instructor): note-reading in all clefs, rhythmic development and usage, major/minor scale construction, intervals and inversions, basic triad construction and usage. Introduction to aural, vocal and written skills. (Co-requisites: MUSC 130, MUSC 131) (Offered every fall.)
- MUSC 130 Music Theory I (3)** Course includes a thorough but concise review of music fundamentals: elements of pitch and rhythm, scale patterns, intervals and inversions. Primary course work includes: structure of triads and sevenths chords, diatonic triads in major and minor keys, principles of voice-leading, examining the melodic line, part-writing with root position chords, principles of harmonic progression, use of sequential devices, and introduction to musical form. (Co-requisite: MUSC 131). (Offered every fall.)
- MUSC 131 Aural Skills I (1)** Classroom and computer-assisted ear-training will include basic melodic, rhythmic, and harmonic dictation. Sight-singing will focus on diatonic major melodies based on scalar patterns and on tonic, subdominant, dominant, supertonic, and leading-tone triads. The three forms of the minor scales will be introduced (Co-requisite: MUSC 130). (Offered every fall.)
- MUSC 132 Music Theory II (3)** Content includes: use of harmonic progressions with attention to root movement and sequential patterns; part-writing with inversions of triads and 7th chords; the study and identification of basic musical forms through analysis and composition; identification and use of non-chord tones as found in the harmonic /melodic texture of music; use of extended 7th chords in introduction to chromaticism, tonicization and secondary harmonic functions. (Co-requisite: MUSC 133) (Offered every spring)
- MUSC 133 Aural Skills II (1)** Classroom and computer-assisted ear-training will include increased melody length, varied meters, beat subdivisions, and patterns derived from secondary harmony. Sight-singing will emphasize both major and minor melodies and occasional chromaticism. Students will sing short chorale passages in four parts (Co-requisite: MUSC 132) (Offered every spring)
- MUSC 134 Piano Lab for Non-Music Majors (1)** Designed for the non-music major with emphasis on how to read music, coordinating two hands in playing the keyboard, understanding melodies, playing chords for popular music and learning how rhythm is contained within the piano as a percussion instrument. No Prerequisites. Course may be repeated. (Offered fall and spring semesters).
- MUSC 135 Piano Laboratory I (1)** Sequential development of functional piano skills with emphasis on keyboard and mechanics, technique, accompaniment styles, and style of Popular music. (Offered every fall)
- MUSC 136 Piano Laboratory II (1)** Sequential development of functional piano skills with emphasis on scales and chords of the major mode and an understanding of the cyclical relationship between melody and harmony. Popular music and fake books are utilized (Prerequisite: MUSC 135 or permission of the instructor). (Offered every spring)
- MUSC 140 Introduction to Music Technology (1)** Students will be introduced to the department's Music Lab, its computers, keyboard access, technology and extensive software. First-year students will use Auralia and Practica Musica software for ear-training, sight-singing, theory drill, and keyboard development. Use of Sibelius musical notation software will facilitate creative and practical writing, and Garage Band will provide for a variety of musical usage.
- MUSC 180 Chorale (0-0.5)** Ensemble open to students of all disciplines and voice ranges (soprano, alto, tenor, bass). Participation fulfills large/primary ensemble requirement for students whose primary concentration is voice, guitar, or piano. (Offered fall and spring semesters)
- MUSC 181 Madrigal Singers (0.5)** Chamber ensemble dedicated to performance of music from Renaissance and Baroque periods. Membership by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)
- MUSC 183 Piano Ensemble (0.5)** Participation in Piano Ensemble will enhance piano skills for accompanying, sight reading, playing duets and literature for multiple pianos. Fulfills small ensemble requirement. (Offered fall and spring semesters)
- MUSC 184 Men's Chorus (0.5)** This ensemble is the male vocal performance organization. It is open to male students of all disciplines in the university community. The Men's Glee Club will perform a diverse repertoire of music ranging from the classics to spirituals to more popular songs. Fulfills small ensemble requirement. (Offered fall and spring semesters)
- MUSC 185 Symphony Orchestra (0-0.5)** Ensemble open to all students who qualify by audition. Participation fulfills large/primary ensemble requirement for students whose primary performance area is an orchestral stringed instrument. (Offered fall and spring semesters)
- MUSC 186 String Ensemble (0.5)** Ensemble designed to provide performing experience for instrumentalists majoring in violin, viola, cello, and string bass. Open to all students by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)
- MUSC 187 Woodwind Ensemble (0.5)** Ensemble provides opportunities to rehearse and perform standard Woodwind Trio and Quintet literature. Open to all students by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 188 Concert Band (0-0.5)** Open to students of all disciplines, this ensemble provides performing experience for instrumentalists majoring in brass, woodwind, and percussion. Participation fulfills large/primary ensemble requirement for students whose primary instrumental area is woodwind, brass, or percussion. Open to all students by audition. (Offered fall and spring semesters)

**MUSC 189 Saxophone Ensemble (0.5)** Ensemble provides experience rehearsing and performing standard jazz ensemble repertoire. Open to all students by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 190 Flute Choir (0.5)** Ensemble provides an opportunity to rehearse and perform flute ensemble literature in a chamber music setting. Open to all students by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 191 Brass Ensemble (0.5)** Ensemble provides an opportunity to rehearse and perform standard brass ensemble literature from Gabrieli to contemporary literature. Open to all students by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 192 Guitar Ensemble (0.5)** Ensemble provides opportunities for both music and non-music majors to learn how to perform ensemble music for guitar. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 193 Percussion Ensemble (0.5)** Ensemble provides opportunities to rehearse and perform standard percussion ensemble literature. Open to all students by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 194 Jazz Ensemble (0.5)** Ensemble provides opportunities to rehearse and perform Jazz Combo, Big Band, and Jazz Ensemble literature. Open to all students by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 196 Trumpet Ensemble (0.5)** Ensemble provides opportunities for students to perform a variety of trumpet repertoire to include fanfares, flourishes, and other standard repertoire from the Baroque, Classical, Romantic, and 20th-Century eras of music. Open to all students by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 197 Clarinet Ensemble (0.5)** Ensemble provides experience rehearsing and performing standard clarinet ensemble repertoire. Open to all students by audition. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 198 The Chamber Ensemble (0-0.5)** Open to students of all musical disciplines, this ensemble provides performing experiences for vocalists and instrumentalists. Chamber Ensemble is by audition only. Fulfills small ensemble requirement. (Offered fall and spring semesters)

**MUSC 200 Special Topics in Music (1-3)** Various topics in the field of music

**MUSC 202 Jazz Improvisation (1)** This course is designed to be a theoretical and practical study of the art of Jazz Improvisation. Students will learn the basic and standard 12-bar blues progressions as well as other forms of Jazz Improvisation to include the study of jazz harmonies and rhythms. (Prerequisites: MUSC 132 and MUSC 133) Offered upon request.

**MUSC 207 String Methods (1)** Overview of teaching procedures for beginning class instruction. Methods and techniques for learning basic performance skills on various orchestral string instruments with applications for music teaching and learning theory. (Offered every fall)

**MUSC 208 Woodwind Methods (1)** Overview of teaching procedures for beginning class instruction. Methods and techniques for learning basic performing skills on various woodwind instruments with applications for music teaching and learning theory. (Offered every spring)

**MUSC 230 Music Theory III (3)** This course builds on foundations laid in Theory I and II. Content includes: secondary functions, chromaticism and altered chords within sequential patterns; modulation, shifting tonal levels and tonicization; various modulatory techniques; analysis of larger musical forms; mode mixtures; the augmented sixth chords and wide range of resolution potential. (Co-requisite: MUSC 231) (Offered every fall)

**MUSC 231 Aural Skills III (1)** Classroom and computer-assisted ear-training will include medium to advanced melodic, rhythmic, and harmonic dictation. Sight-singing will incorporate chromatic and modulatory melodies with increasing attention to non-scalar passages. Rhythmic skills will extend to include asymmetrical and changing meters (Co-requisite: MUSC 230) (Offered every fall)

**MUSC 232 Music Theory IV (3)** Having reached the close of the 19th century, this course moves in new directions. Content includes: enharmonic spellings, interpretations, and modulatory effects; new harmonic vocabulary and late 19th century tonalities; introduction to twentieth century music and Impressionism; new scale materials and chord structures; new concepts in sound, rhythm and meter; wholly new post-tonal approaches and directions. (Co-requisite: MUSC 233) (Offered every spring)

**MUSC 233 Aural Skills IV (1)** Class and computer-assisted ear-training will be used to strengthen dictation skills with advanced melodic lines and harmonic progressions. Sight-singing will include advanced 3-4 part singing in major, minor, and modal excerpts, and melodic lines in various non-traditional scales, atonal, jazz, and contemporary styles (Co-requisite: MUSC 232). (Offered every spring)

**MUSC 235 Piano Laboratory III (1)** Sequential development of functional piano skills with emphasis on improvisation, transposition, scales and chords in the minor mode (Prerequisite: MUSC 136 or permission of the instructor) (Offered every fall)

**MUSC 236 Piano Laboratory IV (1)** Sequential development of functional piano skills with emphasis on song writing to given harmonic progressions, transpositions, fake book songs, accompaniment styles, chording and harmonization. Final assessment will be based on a cumulative perspective of all four semester of Piano Laboratories I to IV (Prerequisite: MUSC 235 or permission of the instructor) (Offered every spring)

**MUSC 239 Counterpoint (1)** Study of 18th century polyphonic style. Development of skill in writing two-and three-part counterpoint. (Prerequisites: MUSC 232 and MUSC 233). (Offered every fall.)

**MUSC 242 Composition (2)** Application of compositional techniques in the writing of small musical works for voices and instruments. (Offered even spring semesters.)

**MUSC 300 HON: Women in Performing Arts (3)** This course will investigate the acceptance and recognition of outstanding women musicians, composers, and performers from Biblical times through the present. Students will be encouraged to relate the research to their personal interests and academic curricula.

**MUSC 306 Orchestration (2)** An introduction to scoring musical compositions for string, woodwind and brass ensembles will lead to scoring for the entire orchestra. A more focused knowledge of instrumental ranges timbres and capabilities is developed. Skill in instrumental transposition is reinforced and knowledge of effective scoring devices are presented for success in transferring idiomatic musical figurations. (Prerequisites: MUSC 232 and MUSC 233) (Offered every spring.)

**MUSC 307 Vocal Pedagogy (1)** This course will cover the various learning strategies for teaching private and group voice lessons. Course will address how to teach performance skills and techniques to voice performance majors and will include advanced diction training in the primary vocal languages. (Prerequisite: MUSC 106) (Offered even fall semesters.)

**MUSC 308 Instrumental Pedagogy (1)** This course will cover the various learning strategies for teaching private and group instrumental lessons. Course will address how to teach performance skills and techniques to orchestral, band, and keyboard musicians as part of a private instrumental studio. (Offered odd spring semesters.)

**MUSC 313 Professional Orientation in Music Education (1)** Introduction to the methodologies, standards, and current issues of the music education profession. Course is taught in conjunction with directed observations in diverse music education settings. Fulfills EDU 310 requirement for Music Education majors (Offered every fall.)

**MUSC 314 Music in the Elementary School (3)** Principles, practices, and materials of classroom music education in levels kindergarten through six. Introduction to the Kodály, Orff, Dalcroze, and Gordon methods. Emphasis on voice as the primary instrument. (Offered every spring.)

**MUSC 315 Music in the Secondary School (2)** Principles, practices, and materials of music education at the secondary level. Emphasis on music learning theory and curriculum development. (Offered every fall.)

**MUSC 317 Basic Conducting (2)** An introduction to the fundamental techniques for conducting instrumental and choral ensembles. Topics will include learning basic conducting patterns, use of the left hand, and fundamental technical/musical development with a baton. (Offered every fall.)

**MUSC 321 Advanced Conducting (2)** This course will be an advanced application of basic techniques for conducting choral and instrumental music. Topics will include score study, rehearsal planning, rehearsal techniques, examples of repertoire, and interpretation of various musical styles as well as an opportunity to rehearse and conduct a large vocal and instrumental ensemble. (Prerequisite MUSC 317) (Offered every spring.)

**MUSC 332 Senior Recital (0-2)** Recital in the major performance area during the senior year. With permission of applied instructor, a full recital of 60 minutes can be taken for 2 credits. A recital of 30 minutes or a joint recital of 30 minutes each can be taken for one (1) credit. (Offered fall and spring semesters.)

**MUSC 333 Piano Proficiency (0)** All music majors must pass a Piano Proficiency Exam before graduation. This exam may be taken in sections or completed in a single session. The exam is typically pursued in the junior year and completed by the first semester senior year. MUSC 135, 136, 235, 236 assist with preparation for this exam. Pass/Fail. (Offered fall and spring semesters)

**MUSC 334 Guitar Proficiency (0)** The Guitar Proficiency Exam is in response to the Pennsylvania Department of Education (PDE) requirement that all music certification candidates demonstrate functional performance skills in acoustic guitar. All music education majors must pass this exam, preferably prior to student teaching. MUSC 117 Guitar Class assists with preparation for this exam. Pass/Fail. (Offered fall and spring semesters)

**MUSC 341 WI: Music History I: Bach & Before (3)** Survey of Western music including Medieval, Renaissance, and Baroque periods. Representative works will be studied, analyzed, and performed. (Prerequisites: MUSC 132 and MUSC 133) (Offered every spring)

**MUSC 342 WI: Music History II: Classic & Romantic (3)**

Survey of Western music from Haydn and Mozart through Liszt and Wagner. Representative works will be studied, analyzed, and performed. (Prerequisites: MUSC 132 and MUSC 133) (Offered every fall)

**MUSC 344 WI: Seminar in Music (2)** In-depth study of research for application to music therapy, music education, or other related fields. Emphasis on linkage of musicological styles through the creative process: ethics in research practices for music will be examined. (Prerequisite: MUSC 341, 342, and 441 or with permission of the instructor). (Offered every spring.)

**MUSC 391 Music for Exceptional Learners (3)** Techniques, methods, and materials used in teaching music to exceptional learners with a wide range of individual needs, especially as encountered in the inclusive classroom setting. This course develops skill and knowledge relevant to both music education and music therapy. Fulfills EDU 381 requirement for Music Education majors. (Offered every fall)

**MUSC 404 Semester Performance (1)** This course will allow the student in the performance emphasis to have additional opportunities to be coached in performance and to perform in public. The course will help prepare the student for his/her culminating and required performance experience: Senior Recital. This course must be repeated for 6 semesters, beginning the sophomore year. (Offered fall and spring semesters)

**MUSC 441 WI: Music History III: 20th C Style (3)** Survey of Western music beginning with Post-Romanticism and continuing through present day. Includes both classical and vernacular genres. (Prerequisites: MUSC 132 and MUSC 133) (Offered every spring)

## Nursing (NUR)

**NUR 200 Nursing Concepts (3)** Introduction to the profession of nursing from a historical and theoretical perspective. The roles of the baccalaureate generalist nurse within today's health care system are presented. (Prerequisites: CHE 100; BIOL 209 and 210; co-requisite: BIOL 208. Special permission by the nursing division to take one other science course concurrently is required.)

**NUR 202 Fundamentals of Holistic Nursing Practice (5)** Emphasis on foundational nursing concepts and skills necessary for practicing holistic nursing care. Three credits of lecture; two credit hours are experiential learning in the nursing simulation laboratory (1 credit (average of 2 hours per week) and in a long-term care facility (1 credit (average of 3 hours per week). (Prerequisite: NUR 200; co-requisites: BIOL 205 and NUR 307. Special permission by the nursing division to take one other science course concurrently is required.)

**NUR 210 Philosophy of Hardiness (3)** Through a selection of readings from primary sources, students will acquire an understanding of basic philosophical underpinnings of hardiness. Students will examine metaphysical, epistemological, aesthetical, existential, and ethical themes which provide a firm foundation for further philosophical study and the application of hardiness skills. Hardiness is a particular combination of motivations and skills that enhance performance, conduct, morale, stamina, and health. The motivation is contributed by the HardiAttitudes of commitment, control, and challenge. The emphasis of this course will be on helping students learn about hardiness philosophy and conceptualization, assessment and preparation, and applying what is learned to improve their own performance, conduct, morale, stamina, and health. (Elective course cross-listed with PHI 210. Nursing students only.)

**NUR 300 Special Topics in Nursing (1-4)** As the Affordable Care Act (ACA) highlights specific topics relevant to the delivery of safe quality patient care in a changing health care environment, the

special topics in professional and holistic nursing course is offered as needed.

**NUR 304 Pharmacology (3)** An overview of pharmacotherapeutic principles and the basics of pharmacokinetics and pharmacodynamics are presented. Students develop the necessary knowledge base and skills for safety in medication administration. The effects of drugs on different age groups and the nurse's responsibilities in drug therapy are explored. Legal and ethical issues will be examined. (Prerequisites: All 100 & 200 level science courses and NUR 200, 202 & 307; co-requisites NUR 307 and 308)

**NUR 307 Holistic Health Assessment (4)** Introduction to the concepts of holistic health assessment of clients across the lifespan. Students develop assessment skills for the collection of subjective and objective data. Concepts, models and theories of health promotion, disease and injury prevention will be introduced. One credit is experiential learning in the nursing simulation laboratory. (Prerequisites: All required 100 and 200 level science courses, NUR 200; co-requisite: NUR 202) 3 credits of lecture, 1 credit (average of 2 hours per week) of simulation laboratory.

**NUR 308 Holistic Nursing Care I (5)** Introduction to concepts and principles associated with alterations in holistic integrity in the adult. Students will care for adults with selected acute health problems. Two credit hours are experiential learning in a variety of healthcare settings. (Prerequisites: All required 100 and 200 level science courses, NUR 200 and 202; co-requisite: NUR 304) 3 credits of lecture, 2 credits (average of 6 hours per week) of clinical practice.

**NUR 311 Holistic Nursing Care II (5)** Emphasis on concepts and principles of psychiatric/mental health nursing for clients across the lifespan. Two credit hours are experiential learning in a variety of healthcare settings. (Prerequisites: All required 100 and 200 level science courses, all required 200 level nursing courses, NUR 304, 308, and PSY324; co-requisite: NUR 314) 3 credits of lecture, 2 credits (average of 6 hours per week) of clinical practice

**NUR 312 Professional & Holistic Nursing Practice (6)** The course explores nursing as a profession examining its history, trends, and current role in the health care system. Critical reflective thinking as a basis for professional nursing is explored. The RN student using critical thinking skills identifies and examines concepts related to holism and holistic nursing theory. The application of this theory to self-care and nursing practice is emphasized. (Prerequisite or co-requisite: ENG 241)

**NUR 314 Holistic Nursing Care of Childbearing Families (5)** Introduction to the concepts and principles of nursing care of the childbearing and childrearing family. Issues in women's health, concepts of growth and development, and family-centered care will be emphasized. Three credit hours will be didactic with two credit hours of experiential learning in a variety of healthcare settings. (Prerequisites: All required 100 and 200 level science courses, NUR 304, 308, and PSY 324; co-requisite: NUR 311) 3 credits of lecture, 2 credits (average of 6 hours per week) of clinical practice.

**NUR 333 Pathophysiology (3)** This course will introduce students to pathophysiology and disruptions in normal body functioning in individuals across their lifespan. Objective and subjective manifestations of common health problems resulting from environmental, genetic, and stress-related maladaptation are assessed and analyzed. Assessment findings, diagnostic testing, and interventions for specific health problems are discussed. (Prerequisites: BIOL 208, 209, 210)

**NUR 336 Anthropology and Health (3)** This course introduces anthropological theories, concepts, and methods used to examine health beliefs and practices of a variety of cultural groups in the

United States and throughout the world. The course is designed to provide the practicing nurse with tools for effective delivery of health care to clients from different cultures. (Elective)

**NUR 350 Holistic Health Assessment (6)** This course builds on the RN students' prior knowledge and clinical experiences, and further develops comprehensive health history interviewing and physical examination assessment skills. The principles of health promotion and illness prevention are applied in the analysis of physical findings and health behaviors of the adult patient. Anthropological theories, concepts, and methods are introduced to provide the practicing nurse with transcultural tools to work with multicultural teams and skills needed to perform a comprehensive cultural assessment in order to deliver culturally competent nursing care to clients from various cultural groups. Laboratory practice of health assessment skills is included, as well as experiential learning. (Prerequisites: ENG 241; NUR 312)

**NUR 370 Nursing Research (5)** The fundamentals of nursing research are introduced and developed through the critical reading of research studies and their application of evidence-based nursing practice. Students develop skills in the identification, interpretation, and use of research findings in its application to evidence-based practice. (Prerequisite: ENG 241, all prior nursing courses; Pre or co-requisite: ORBH 311)

**NUR 404 WI: Nursing Research (3)** The fundamentals of nursing research are introduced and developed through the critical reading of research studies and their application to nursing practice. Students develop skills in the identification, interpretation, and use of research findings, and their application to evidence based practice. (Prerequisites: All required 100 and 200 level science courses, all required 200 and all 300 level nursing courses, NUR 405, and NUR 410; Pre-or co-requisite: PSY 208; Co-requisite: NUR 408, and NUR 435)

**NUR 405 Holistic Nursing Care III (6)** This course will expand the student's knowledge and skills to care for adult clients experiencing complex alterations in holistic integrity. Three credit hours are experiential learning in a variety of healthcare settings. (Prerequisites: All prior 300 level nursing courses; co-requisite: NUR 410) 3 credits of lecture, 3 credits (average of 9 hours per week) of clinical practice.

**NUR 408 Concepts of Public Health Nursing (5)** Knowledge and concepts applicable to public health and aggregate care. Community assessment is emphasized. Two credits are experiential learning applying course concepts in a variety of community settings. (Prerequisites: All required 100 and 200 level science courses, all required 200 and all 300 level nursing courses, NUR 405, and NUR 410; co-requisite: NUR 404 and NUR 435) 3 credits of lecture, 2 credits (average of 6 hours per week) of clinical practice.

**NUR 410 Concepts Nursing Leadership & Management (3)** Theories and principles of leadership and management in health care environments will be examined and discussed. Health care policy, organizational mission and vision, strategic planning, legal/ethical issues, motivational and change theories are applied to health care systems. (Prerequisites: All required 100 and 200 level science courses, all required 200 and 300 level nursing courses; co-requisite: NUR 405)

**NUR 418 Holistic Health (3)** This course expands the student's knowledge and practice in holistic nursing. The student analyzes and applies evidence-based research findings of integrative and alternative modalities to nursing care. (Elective)

**NUR 426 Leadership in Nursing (6)** Theories and principles of leadership and management in health care environments will be examined and discussed. Health care policy, organizational mission, vision and strategic planning, legal/ethical concepts,

legal/ethical issues, motivational and change theory are applied to health care systems. (Prerequisite: ENG 241; ORBH 311; All prior nursing courses)

**NUR 434 Holistic Care Chronically Ill (6)** This course builds upon NUR 312 and expands the RN student's knowledge and practice in holistic nursing. The RN student applies and analyzes evidence-based research findings on integrative and alternative modalities to nursing practice. The RN students are guided to build on knowledge and holistic theories presented and to develop a holistic framework of care for the chronically ill and elders. Issues related to aging, role changes, vulnerability, stigma, ethics, advocacy, end of life care, and case management of elders and the chronically ill are addressed. (Prerequisite: ENG 241; ORBH 311; All prior nursing courses)

**NUR 435 Preparation for Professional Practice (5)** Preparation for the role of a professional nurse. The course emphasizes preparation for NCLEX-RN® and independent clinical experience. (Prerequisites: All 100 and 200 level science courses; all required 200 and 300 level nursing courses, NUR 405, NUR 410, and THE 408; co-requisite: NUR 404 and NUR 408) 2 credits of lecture, 3 credits (average of 9 hours per week) of clinical practice.

**NUR 450 Capstone (2)** This course is the culmination of the BSN program. In a capstone paper, students reflect on their learning and demonstrate synthesis of knowledge and attainment of the BSN program's learning outcomes. (Prerequisite: All prior nursing courses)

**NUR 451 Capstone in Public Health Nursing (6)** Students consider the concepts and implications of community-oriented and community-based nursing care and investigate the factors that impact public health. Health problems and issues facing vulnerable populations and the various roles of the nurse in promoting community and public health are explored. Course objectives are achieved through service learning, community assessment, and health promotion programs. The structure of health organizations and the impact of this structure on national and global community health are explored. GUIDED FIELD EXPERIENCE REQUIRED (Prerequisite: All prior nursing courses)

**NUR 452 Environmental Health (3)** Introduction to the concepts related to the health effects of environmental influences. The course explores the physiologic and developmental effects of exposure to physical hazards and biochemical substances, and the role of health care professionals in reducing potentially harmful exposures. (Elective).

**NUR 495 NCLEX Review Course (0)**

## Organizational Behavior (ORBH)

**ORBH 301 Group & Organizational Behavior (3)** The study of group behavior and how group functioning affects organizational effectiveness. Emphasis is placed upon decision-making and conflict resolution. Students develop strategies for efficient and productive group management and determine which tasks are handled by groups or by individuals. (Fulfills social science core requirement)

**ORBH 303 Organizational Concepts (3)** Students examine the formal and informal functions of organizations and analyze an agency or organization based upon a systems model. Students also explore and solve organizational problems using a step-by-step method. This analysis will be applied to students' research throughout the program, which typically is work-related.

**ORBH 307 Adult Development & Life Assessment (3)** Introduction to adult development theory, linking these concepts to life through a process of individual reflection. Classical and

contemporary adult development theories are examined to provide the paradigm for self-analysis and life assessment.

**ORBH 311 Methods of Research & Statistics (3)** This course serves as an introduction to the research design process and its tools. Content includes research design, descriptive and inferential statistics using Microsoft Excel. Students are given the opportunity to critique research studies and discuss managerial decision-making. (Offered for RN to BSN program only)

**ORBH 312 Introduction to Applied Research (3)** This course introduces students to the research design process and helps them write a well-structured, soundly presented literature review. The course will assist students in selecting a topic, researching and analyzing prior literature, and finally writing the literature review. In addition, emphasis will be placed on utilization of the American Psychological Association (APA) style. The course includes library orientation, investigation of campus resources, and an introduction to the writing center. (Pre/co-requisite: ORBH 303)

**ORBH 315 Capstone Proposal Design (3)** This course provides an introduction to research and its tools designed to support students in meeting requirements of their capstone proposal. This course helps them write a well-structured, soundly presented thesis statement and conduct a literature review. Emphasis will be placed on utilization of the American Psychological Association (APA) style. The course includes library orientation, investigation of campus resources, and use of the writing center. (Prerequisite: ENG 242)

**ORBH 320 Research & Analysis Using Statistics (3)** This course introduces students to the theoretical principles and practical applications of academic research with a focus on business. Students learn to form initial inquiry questions, locate and evaluate print and electronic sources, and summarize, paraphrase, and incorporate source material in written presentations using the APA citation format. (Pre/co-requisite: ORBH 312)

**ORBH 325 Research & Analysis Using Statistics (3)** This course serves as an introduction to the research design process and its tools. Content includes research design, descriptive and inferential statistics using Microsoft Excel. Students are given the opportunity to critique research studies and discuss managerial decision-making.

**ORBH 350 Psychometrics: Employee Selection (3)** Examines the uses of psychological testing in employee selection, placement, and career development and includes the use of specific instruments as well as interviewing skills. The impact of legal and ethical issues on selection practices will be discussed.

**ORBH 352 Performance Assessment (3)** Presentation of motivational practices in business and industry as well as current performance appraisal theories and practices. Contemporary theories of motivation are discussed including need, cognitive and reinforcement theories. Effects of job enrichment, goal setting, incentive systems, and worker participation are examined.

**ORBH 354 Performance Development & Training (3)** Considers the role of training and development in today's business environment including: learning styles, needs assessment, learning objectives, instructional techniques, and evaluation of training effectiveness.

**ORBH 356 Managing Employee Stress (3)** Examines the identification and management of stress factors which can impact employee health and productivity including: interpersonal relationships, time management, family crises, addiction issues, and the role of employee assistance programs.

**ORBH 358 Conflict Resolution & Negotiation (3)** Presents the diagnostic questions needed to understand a conflict and explores strategies available to manage the situation. Personal conflict

management style will be identified and interpreted. Techniques for negotiation and mediation will be discussed.

**ORBH 382 Human Resource Issues (3)** Exploration of the values and perceptions of selected groups affecting social and economic life through an analysis of policies and procedures relating to recruitment, selection, training, development, and compensation of employees. Special attention is given to Equal Opportunity Employment and the Office of Safety and Health Administration legislation through a series of case studies and simulations.

**ORBH 390 Research Methodology (3)** This course assists students in formulating a research problem statement, identifying its hypothesis, proposing a research design and formulating proposed intervention and analysis. Provides students the opportunity to conduct a professional presentation on their own research topics. (Pre/co-requisite: ORBH 320)

**ORBH 395 Capstone Synthesis & Presentation (3)** The culmination of the capstone proposal sequence, this course assists students in identifying hypothesis, proposing research design, and formulating analysis and proposed intervention. The course requires students to complete the capstone proposal and conduct a professional presentation on their topic. The completed capstone proposal will be suitable to share with a potential employer or include within a post-graduate application. (Prerequisite: ORBH 315; Co-requisite: ORBH 325)

## Physical Education (PED)

**PED 125 Freshmen Fitness (0)**

**PED 199 Ballroom Fitness (0)**

**PED 201 Golf (0)**

**PED 202 Fencing (0)**

**PED 203 Tennis (0)**

**PED 205 Badminton (0)**

**PED 216 Racquets and Paddles (0)**

**PED 218 Step Aerobics (0)**

**PED 219 Weight Training (0)**

**PED 220 Team Sports (0)**

**PED 221 Principles of Coaching (0)**

**PED 222 Yoga (0)**

**PED 223 Fitness through Martial Arts (0)**

**PED 224 Fitness Swimming (0)**

**PED 225 Water Aerobics (0)**

**PED 226 Pilates (0)**

**PED 227 Triathlon Training (0)**

**PED 228 Basketball (0)**

**PED 229 Irish Dancing (0)**

**PED 230 Advanced Strength Training (0)**

**PED 231 Kickboxing (0)**

**PED 232 Zumba (0)**

**PED 233 Balletone (0)**

**PED 234 PiYo (0)** PiYo is a hybrid, athletic workout which combines the mind/body practices of Pilates and yoga, as well as the principles of stretch, strength training, conditioning, and dynamic movement. The class is a combination of various styles of Pilates and yoga in continuous movement and flow from one exercise to another.

**PED 250 Aquatic Fitness (0)**

**PED 301 Aerobic Activities (0)**

**PED 304 Aerobic Dance (0)**

**PED 306 Jazz Dancing (0)**

**PED 307 Creative Movement & Modern Dance (0)**

**PED 308 Folk and Square Dance (0)**

**PED 310 Ballet (0)**

**PED 313 Cardio Fitness (0)**

**PED 314 Tap Dance (0)**

**PED 315 Self Defense (0)**

**PED 316 Rhythmic Active & Social Dance (0)**

**PED 317 Personal Fitness (0)**

**PED 319 Pickleball (0)**

**PED 320 Yoga for Athletes (0)**

**PED 321 Plyometrics & Core Training (0)**

**PED 322 Intermediate Fencing (0)**

**PED 402 Swimming (0)**

**PED 405 Teaching Aids (0)**

## Philosophy (PHI)

**PHI 100 Introduction to the Liberal Arts (3)** In this course, learners study the organization and classification of knowledge in the liberal arts, as well as basic philosophical concepts and themes as expressed in various disciplines. Students apply philosophical concepts, and engage various methods of argumentation while considering contemporary personal and professional issues. (CAPS only; students who have taken PHI 101 may not take PHI 100)

**PHI 101 Introduction to Philosophy I (3)** Philosophy is the “love of wisdom” and it begins with the act of wondering. In this course, students will wonder actively as did the great philosophers of ancient and medieval times. Through reading primary and secondary, students will acquire understanding of basic philosophical vocabulary and concepts. In this one semester course, students will examine metaphysical, epistemological, aesthetical, and ethical themes which provide a firm foundation for further philosophical study. (Students who have taken PHI 100 may not take PHI 101.)

**PHI 103 Introduction to Philosophy II (3)** In this course, students will follow the progression of philosophy through modern and contemporary times. Students will read primary and secondary texts dating from Descartes (17th C) to Derrida and Quine (20th C). They will acquire an understanding of basic philosophical vocabulary and concepts as they trace the impact of advances in science, industry, and technology on thought in the past three centuries. This course fulfills a core requirement and stands alone; it need not be preceded by PHI 101 Introduction to Philosophy I (Pre-Socratics through Descartes). This course would be advantageous to students minoring in philosophy.

**PHI 200 Special Topics in Philosophy (1-3)** Selected topics in philosophy. Topics will rotate based on student and faculty interest.

**PHI 208 Liberal Studies Colloquium (3)** What is the relationship between the Liberal Arts and an individual's pursuit of career and professional planning? The Liberal Studies Colloquium enables students to see how skills needed for the 21st century job market are developed in the Humanities and Social Sciences disciplines. While examining approaches to knowledge and intellectual inquiry through selected texts, students will create an electronic portfolio with written assignments and projects that will support their academic and career development. (Prerequisite for PHI 400 Capstone Project)

**PHI 209 Logic and Knowledge (3)** This course aims at both formal argument analysis and extended argumentation in topics that introduce the student to the different modes of thought employed in various disciplines with some particular attention to philosophic issues. Students will practice critical thinking skills, especially in the areas of deduction, induction, cogent and sound arguments, and hypothetical deductive reasoning.

**PHI 215 Edith Stein and Phenomenology (3)** An in-depth

analysis of the life and work of Edith Stein, a German philosopher who studied under Edmund Husserl. Stein's German, Jewish, feminist, Catholic, and Carmelite experiences are woven into the fabric of her philosophy. In this course, students are introduced to phenomenology and to Edith Stein. The life and works of Edith Stein are explored.

**PHI 220 Global Economy & Environmental Ethics (3)**

Students consider ethical decisions as they relate to the environment and subsequently impact global economics. In studying the moral dilemmas concerning world energy and its economic influence, students become more aware of environmental and cultural ramifications. Students consider and work toward positive actions for a new world environment.

**PHI 221 Introduction to Asian Philosophy (3)** This course surveys major themes and texts that form the basis for an introduction to Hinduism, Buddhism, Confucianism, and Taoism. Comparison with Western traditions is addressed in cross-cultural study.

**PHI 224 HON: The Mathematical Universe (3)** A survey of philosophical concepts in the context of mathematics and history. Students connect and apply what they have learned in mathematics by studying the problem solving methods used by philosophers and scientists. Through this approach, students view past problem solving as an iterative process as the philosophers/scientists encountered both success and failure. Being enlightened by these various approaches, students develop their personal problem solving techniques when solving philosophical problems related to logical and imaginative cognitive processes.

**PHI 309 Philosophy in History (3)** A historical and thematic survey of the major themes and thinkers in the Western philosophical tradition from the early modern through post-contemporary periods. Emphasis is placed on the rise of rationalism, empiricism, the nature of mind, and the historical and contextual nature of thinking. Through study of Descartes, Hume, Hegel, Heidegger and others, students acquire deeper understanding of the Western tradition and its culmination in recent philosophical developments. The course engages the student through primary and secondary materials, writing, and reflective conversation and debate.

**PHI 312 Ethics (3)** The study of ethics is concerned with action, motivation, consequence and the character of a person. In this course, students will read from primary sources, tracing key ethical theories as they developed throughout history. Applying varied ethical theories, students will address contemporary problems.

**PHI 314 HON: Asian Thought (3)** Study of the major texts and thinkers in classical Asian philosophy and religion, providing an in-depth experience of Hinduism, Buddhism, Confucianism, and Daoism. Through close reading of primary and secondary sources, students will reflect upon key issues and concepts, such as the nature of perception and language, the self, consciousness, ultimate reality, truth, illusion, social praxis, and ethics. Requirements include a willingness to consider radically alternative perspectives, reflection, open discussion, and serious engagement with primary texts.

**PHI 316 HON: Logic II (3)** While continuing to master the theoretical principles at work within formal logic, students will continue to develop a deeper understanding of how theoretical principles can be applied within real-world practical situations. In Logic II therefore, students learn how arguments can be extrapolated from real-world contexts not only by learning new rules of advanced systems of logic, but by engaging in debates which require both research and thinking on one's feet. Topics include examining the philosophical foundations of logic; working with arguments as they are found in real-world practical contexts

and situations; and learning new systems of logic in order to further refine and intensify one's existing understanding of categorical and modern symbolic logic.

**PHI 324 Philosophy of Literature (3)** Philosophy is often given voice in literature. While reading and analyzing traditional and popular literature, students will discover the relationship between literature and philosophy. Special emphasis will be placed on modern literature wherein students will discover recurring philosophical themes.

**PHI 326 Women Thinkers (3)** Interdisciplinary methods are used in order to examine philosophical issues connected to women, gender, and knowledge. Students will be introduced to the classic texts in feminist thought and continue the analysis of the role of gender in the construction of various academic and theoretical frameworks, including literature, science and epistemology, psychoanalysis, and social theory. In addition, students will read the work of women thinkers who have influenced the development of philosophy without emphasizing gender as a basic mode of interpretation.

**PHI 328 Artificial Intelligence (3)** Students are provided with a general introduction to philosophy of mind and its implications for artificial intelligence (AI), allowing them to explore topics ranging from the nature of consciousness, the mind/body problem, personal identity, intelligent and complex adaptive systems, to robotics and related ethical questions. The course utilizes a historical, thematic, and multi-media approach which extends to interdisciplinary components from biology and neuroscience.

**PHI 329 Contemporary Philosophy (3)** A developmental approach to contemporary Continental philosophy in the 19th and 20th centuries; the historical and contextual nature of reason, knowledge, meaning, and existence will emerge in conversation with major phenomenological thinkers such as Kant, Hegel, Heidegger, etc. Attention will also be given to philosophers who critically analyze the roles of social/political institutions and power dynamics. Course involves reading complex material, research, and reflection.

**PHI 330 Philosophical Anthropology (3)** Students learn philosophical theories dealing with the origin, nature, and destiny of human beings. Through reading, discussion, and application of theories to contemporary problems facing the person and society, students will formulate a coherent theory that describes a human being and his/her responsibilities within the global community.

**PHI 331 Philosophies of Middle East (3)** Study of ancient, medieval, and contemporary philosophy of religion associated with Near and Middle East, including Jewish, Christian, Gnostic, Medieval, and Muslim currents of thought and practice. While each tradition will be considered in its own context, students are encouraged to understand each in relation to the others in order to gain a more comprehensive view. This is accomplished through reading primary and secondary materials while engaging in critical reflection and dialogue within and among the traditions.

**PHI 333 Faith and Reason (3)** This course considers the meaning and significance of John Paul II's encyclical *Faith and Reason* (Fides et Ratio). The Pope affirms that "philosophy is a form of human adventure that lies open to every person" and in this encyclical, he reconciles the intellectual inquiry for truth with the Gospel of Christ. The search for truth is complemented by the use of faith and reason. (See THE 333)

**PHI 334 HON: Reason & Reality-Questing (3)** This is a cross-registered honors course in philosophy and theology wherein students experience first-hand the tradition of Catholic philosophy which appreciates the power of faith but must rely on the power of reason. "Questing" or seeking earnestly for truth has been a driving force in philosophy. Historically, Catholic philosophers

have recognized the compatibility of reason and faith in their quest for truth. In this course, students will embark on a personal philosophical quest as they read classic, primary texts of Catholic philosophers; write philosophical journal entries; engage in philosophical discourse; and collaborate with fellow "questers" in presenting a research paper that blends reason and reality. (See THE 334 HON)

**PHI 335 HON: Global Studies (3)** Theories of globalization. As the peoples of the world become more interdependent in terms of technology, economics, and cross-cultural exchange, various issues arise. Students will investigate major views of globalization and its critics while examining how the process of globalization occurs in the context of one particular non-Western city.

**PHI 336 Ancient Philosophy (3)** Ancient Greece boasted great prosperity, especially in terms of intellectual genius. In this course, students will meet the early Greek thinkers who set philosophy in motion. First, "fragments" or excerpts from the Pre-Socratics will be studied. Then, we will concentrate on understanding the central ideas of Socrates, Plato, and Aristotle. Through reading primary sources, students will acquire a familiarity with ancient philosophers, their methods, and their thought. An understanding of these ancient thinkers' philosophies will provide a sturdy foundation for future courses in philosophy as well as enrichment for a daily search for wisdom.

**PHI 337 Medieval Philosophy (3)** A study of medieval thought with the dominant theme of faith seeking understanding enhances any study of the humanities. This course will emphasize Augustine's Christian and Neo-Platonic synthesis and the theologian-philosophers of the twelfth and fourteenth centuries. We will explore the metaphysics of creation and how it impacts the notions of being, essence, and existence. The readings will focus on selections from St. Augustine, St. Anselm, St. Thomas Aquinas, Maimonides, Giles of Rome, and Henry of Ghent.

**PHI 338 Philosophy and Film (3)** Engagement of fundamental questions combines with the fundamentals of the film medium. We will explore the nature, interpretation, and value of film. We will also consider, through our experience of different genres, styles, and techniques, how film enhances and/or alters our view of life.

**PHI 339 HON: God, Darwin, Einstein & Big Bang (3)** The course studies the history of science and cosmology and the impact of these knowledge domains on metaphysics and the philosophy of religion. The course invites students to explore how evolving models of nature and the universe challenge us to consider our philosophical and theological views on the nature of reality. We will gain a very general understanding of major developments in biological and physical sciences and examine their implications for human life and thought through reading a variety of ancient, medieval, and contemporary philosophers and theologians.

**PHI 340 HON: Aesthetics (3)** Aesthetics is the branch of philosophy that examines the nature of art, the character of our experience of art and of the natural environment, and how these experiences shape out attitudes and spirit. Aesthetics seeks to know how the sensory experiences of the beaux arts (painting, poetry, sculpture, music, dance, performance, literature, film, photography, architecture, mass/popular art, etc.) and their attendant feelings inspire an appreciation (or disapproval) within us. The central issue of aesthetics has historically been the definition of "art" and "beauty;" thus aesthetics walks a tightrope between relative/universal, subjective/objective, and cultural criteria. In this seminar course, students will enter into the philosophical fray as they read and discuss classical and contemporary sources regarding the nature of art. They will

experience various forms of art and natural beauty present in our local area and reflect, through journaling, on their interaction with these art f

**PHI 341 HON: Mythos and Logos (3)** This course studies the classical origins of two distinct, yet interwoven, ways of thinking about knowledge, wisdom, and the worlds around us. The terms "mythos" and "logos" reflect two avenues towards "the truth" we have inherited from ancient Greek culture; they refer, respectively, to imaginative thought forms in cultural mythology/epic poetry/art, and to objective methods of deduction and induction through logic, mathematics, and the scientific study of nature. Our method will involve close reading, analysis, and the overall application of imagination and reason to early Greek mythology, philosophy, science, and mathematics. Having understood these founding principles in ancient Greek culture, we then move to the study of contemporary philosophical analysis of the roles of mythos and logos in our present social and scientific contexts and practices, gaining insight into how these thought forms contribute to the evolving human "Lifeworld". In addition, students will have the option

**PHI 350 Special Studies in Philosophy (0.5-3)** Special course for students and faculty interested in topics not usually offered; tutorials, independent study, and research.

**PHI 384 Organizational Ethics (3)** Several major ethical theories are reviewed. Students examine personal values through readings and workplace analysis to consider management accountability, human rights, and a responsible lifestyle in the contemporary world. (Offered only in ACCELÂ® format)

**PHI 400 Capstone for Liberal Studies (3)** The multidisciplinary capstone course will enable students from varying academic backgrounds to compare perspectives based on their research, analysis, and unique expertise. The course will address contemporary issues selected from a range of social and civic topics. (Prerequisite: PHI 208)(BA in Liberal Studies students only)

## Physics (PHY)

**PHY 110 Physics for Everyday Life (4)** Introduces non-science majors to the basic concepts of physics and demonstrates the role physics plays in everyday activities. Demonstrations, virtual labs and hands-on activities allow for the exploration of the world of physics from Galileo to Einstein and beyond. (no prerequisites necessary)

**PHY 152 General Physics I (4)** Algebra-based course in the fundamental principles of translational, rotational, and vibrational mechanics: motion in one, two, and three dimensions, Newton's laws, energy, momentum, statics, and periodic motion. 3 hours of lecture and 2 hours of laboratory are integrated with student problem solving in a studio format. (Prerequisite or co-requisite: MATH 203-204)

**PHY 153 General Physics II (4)** Algebra-based course in the fundamental principles of heat, sound, light, magnetism, electricity, relativity, and quantum theory. 3 hours of lecture and 2 hours of laboratory are integrated with student problem solving in a studio format. (Prerequisite: PHY 150 or equivalent; Prerequisite or co-requisite: MATH 203-204)

**PHY 203 Physics I (4)** Calculus-based course in the fundamental principles of translational, rotational, and vibrational mechanics: motion in one, two, and three dimensions, Newton's laws, energy, momentum, statics, and periodic motion. 3 hours of lecture and 2 hours of laboratory are integrated with student problem solving in a studio format. (Prerequisite or co-requisite: MATH 207-208 or 301-302)

- PHY 204 Physics II (4)** Calculus-based course in the fundamental principles of heat, sound, light, magnetism, electricity, relativity, and quantum theory. 3 hours of lecture and 2 hours of laboratory are integrated with student problem solving in a studio format. (Prerequisite: PHY 203 or equivalent; Prerequisite or co-requisite: MATH 207-208 or 301-302)
- PHY 300 Topics in Physics (1-3)** A study of selected topics outside the usual offerings in physics. (By prior arrangement with a member of the department.)
- PHY 305 Electricity and Magnetism (3)** Electrical and magnetic properties, direct and alternating circuits, introduction to Maxwell's equations. (By prior arrangement with a member of the department.)
- PHY 310 Modern Physics (3)** A survey of the topics of modern physics, including: historical basis, relativity, introductory quantum mechanics, atomic, nuclear, and molecular structure, solid state, and elementary particles. (By prior arrangement with a member of the department.)

## Politics (POL)

- POL 200 Special Topics in Politics (1-3)**
- POL 201 WI: Government in the U.S. (3)** A study of the history, problems, and functions of government in the United States; the relations of the federal, state, and local governments; separation of powers; checks and balances; the relationship between civil and political rights under the Constitution.
- POL 202 Comparative Government (3)** A comprehensive comparative study of the social and cultural bases of politics, political parties, government, and public policy in several Western and non-Western nations.
- POL 203 The American Presidency (3)** Examination of the growth of the executive as the focal point of leadership in the American political system.
- POL 204 Western Political Thought (3)** Examination of the great political theorists who have affected the growth of the modern concepts of the state, freedom, democracy, and human rights.
- POL 205 Urban Politics and Policy (3)** An analysis of state and local administrative and political systems. Student participation in urban field work available.
- POL 206 International Relations (3)** Theoretical models and basic concepts in international relations; e.g., power, diplomacy, negotiation, sovereignty, balance of power, national interest, the decision-making process in the formulation of foreign policy.
- POL 207 Propaganda (3)** This course explores the role of information and discourse in social and political life. Students will engage with ongoing political and social debates, and discuss structures and patterns in the creation and dissemination of news and information.
- POL 211 Violence (3)** Examines the origins, nature, and impact of violence in American society from a variety of disciplinary perspectives.
- POL 216 Reels of Change (3)** Examines the contemporary issue of globalization as it is portrayed in some of the best movies ever made. Cultural conflict, gender roles, economic change, race, love, and murder all receive attention as key themes of the modern age. The accompanying soundtrack for the course may be available on CD at the end of the term.
- POL 223 Urban America & Roman Catholic Church (3)** Explores the role that the Roman Catholic Church played in influencing governmental policy in relation to urban affairs at the local, state and federal levels, and how these events, in turn, caused the church itself to change.
- POL 228 Philadelphia Politics (3)** An examination of the political

and social development of the City of Philadelphia with particular emphasis placed on recent political leaders beginning with the reform mayors, Clark and Dilworth, continuing through Tate, Rizzo, Green, Goode, Rendell and Street.

- POL 229 Campaigns and Elections (3)** American campaigns and elections from the nomination process through the general elections. Pays particular attention to campaign finance, research, polling, advertising, and media.
- POL 230 Irish-American Political Experience (3)** Examines the evolution of the Irish-American community in the United States in light of the nation's political development with an emphasis upon the period from the Civil War forward. Special attention will be paid to the role of the urban political machine, portrayals of Irish ethnicity and their political effects throughout U.S. history, and the role of Irish-Americans in lobbying for change in Northern Ireland.
- POL 233 American Public Policy (3)** Combines theory, case studies, and historical analysis to see how particular issues are included on the government agenda, how policy then is shaped, and what impact policies actually have. Issues studied will be drawn from the broad categories of health care, economic policy, science and environmental regulation, and social problems: poverty and welfare, racial divisions, crime, generations.
- POL 311 Parties and Interest Groups (3)** Explores the roles that parties, interest groups and social movements play in effecting party organization and electoral strategies and outcomes. Special attention is paid to the historical development of the two major political parties. Case studies may be used to evidence the developmental differences between interest groups and social movements.
- POL 312 Cyber War and Cyber Peace (3)** Examines the role of computers, the Internet, and telecommunications in and as the subject of international affairs.
- POL 317 The Politics of Jurisprudence (3)** An examination of the appointment process to the federal court system, the role of a federal judge, and the intellectual challenges Supreme Court Justices face in their development of a method of constitutional meaning. Original writings from Supreme Court Justices will be used to explore these issues.
- POL 318 American Political Thought (3)** An examination of the development of political thought in the United States centered around themes such as liberty, justice, manifest destiny, and the melting pot. Special attention will be paid to such thinkers as Jefferson, Franklin, Madison, Hamilton, Tocqueville, Calhoun, Lincoln, James, Emerson, Thoreau through to modern thinkers such as Dewey, King and Berry.
- POL 319 US Congress (3)** The role of Congress in the legislative process; its internal operations and external political relations with the other branches of government. Special attention is paid to the effect that changes in the internal operations of Congress have had upon the legislative process.
- POL 320 Environmental History & Policy (3)** Examination of the relationship between humans and their environment, and the political, social and economic consequences of that relationship. Interdisciplinary in its approach, the course draws upon the disciplines of history, the social sciences, the hard sciences and even literature, at times, to develop an understanding of the role of the environment in the development of American history.
- POL 335 Industrial East Asia (3)** Topics in the history of East Asia to illustrate the growing significance of the area and of its relations with the Pacific Rim. (See HIS 335)
- POL 337 Irish Politics (3)** Examination of the development of the Irish constitution, political institutions and political parties since

the emergence of the Irish Free State in the early twentieth century. Special attention will be paid to the Oireachtas (parliament) and the role of the Taoiseach (prime minister), the development of party and electoral systems, and the changing role of Ireland in relation to Northern Ireland, the European Union and the larger world.

**POL 338 American Constitutional Law (3)** The study of the impact of the Supreme Court's power of judicial review upon the American system of government. Specific topics include the court's effect upon federalism, the separation of powers, and the civil rights of free speech, press, and religion.

**POL 339 Public Administration (3)** Study of the administrative process. Emphasis is on judicial review and the relationship of agencies to the executive and legislative branches of government and to public and private interest groups.

**POL 342 Foundations of Latin America (3)** A study of selected themes in the colonial background, culture, nation-building, and contemporary evolution of a new society in the lands south of the United States.

**POL 345 History & Politics of Africa (3)** Historical analysis of the major personalities, states, and societies of Africa with an emphasis on sub-Saharan Africa. Focuses upon colonial Africa, the subsequent development of nationalism, the political situation, and its impact on world affairs.

**POL 346 Middle East History & Politics (3)** A study of the historic forces that have shaped the contemporary Middle East, and an analysis of the region's significance in international politics including basic principles of Islam, Arab culture, and the influence of new forces in the Middle East.

**POL 347 Russia: Politics and People (3)** Historical forces shaping the Russian identity and institutions; the rise and fall of the Communist regime, and contemporary developments in Russia.

**POL 352 Nursing and the Law (3)** Overview of the current legal structure of the health care system, including informed consent, medical ethics, malpractice, elder and insurance law, nurses and litigation, and health care risk management.

**POL 354 Government Structures Crisis Management (3)** Provides an historical foundation and a thorough understanding of the strategic, political, legal and organizational challenges associated with the defense of the U.S. homeland, the efforts that are underway to meet these challenges, and possible policy options. The course addresses the implications of challenges and policies regarding interdepartmental cooperation across local, state, and federal governmental structures, constitutional rights, legal protections, and civil liberties.

**POL 371 Junior Seminar Political Science (3)** Preparation for the Senior Seminar entailing an examination of topics to be explored in greater depth in POL 415. Students will prepare a detailed annotated bibliography for use in research for the Senior Seminar paper. This course is required for the major.

**POL 415 Senior Seminar Political Science (3)** In-depth research on a specific political science topic. Formal oral presentation to the seminar class, followed by a polished scholarly paper. This course is required for the major.

## Psychology (PSY)

**PSY 101 Foundations in Psychology (3)** Introductory examination of the fundamental concepts of psychology with particular emphasis on the description of normal human behavior, the methodology by which it is studied, and the factors influencing its modification.

**PSY 200 Special Topics in Psychology (1-3)**

**PSY 204 Adolescent Development (3)** Examination of adolescent

development from middle childhood through young adult in each of the following areas: physical growth, cognitive and language development, and social/emotional changes. The course integrates major theoretical approaches to development and shows how each applies to the various developmental stages.

**PSY 205 Child Development (3)** Examination of child development from the prenatal stage through age 10 in each of the following areas: physical growth, cognitive and language development, and social/emotional changes. The course integrates major theoretical approaches to development and shows how each approach relates to each developmental stage.

**PSY 206 Cross-Cultural Psychology (3)** Covers many aspects of the intersection between culture and psychological phenomena, including development, cognition, communication, social behavior and psychopathology, with special emphasis placed on non-Western cultures.

**PSY 208 Statistics (3)** Fundamental concepts of statistics for the behavioral sciences: measures of central tendency and variability, transformed scores, the normal distribution, probability, tests of significance, correlation, regression, chi square, and analysis of variance.

**PSY 217 Career Planning (3)** The study and application of the necessary skills for comprehensive career planning. These include: self-assessment, career decision-making, resume preparation, interviewing and job search techniques.

**PSY 219 Applied Psychology (3)** Application of psychological principles to professions directly concerned with human behavior. Special emphasis on the various positions psychologists fill in: business and industry, consumer research and advertising, law and government, education, health management, sports and athletic performance, and the social services.

**PSY 250 Health Psychology (3)** Examines the compelling connection between the mind and the body in issues of wellness. Special emphasis on how anger, worry, loneliness, conflict and stress can increase susceptibility to illness. Additional focus on how optimism, humor, physical fitness, spirituality and hardiness can fortify the immune system and improve health.

**PSY 300 HON: The Holocaust (3)** Examination of the 20th Century global phenomenon of genocide, focusing on the Nazi German attempt to annihilate the Jewish population of Europe during the Second World War. The concerns of the course are 1) the destructive potential in modern systems of social order and 2) human behavior under extreme conditions. See HIS 300)

**PSY 303 Principles of Psychological Testing (3)** Study of basic criteria which an authentic psychological test is expected to meet: standardization, reliability, and validity. Description of most prominently known tests of intelligence, achievement, aptitude, and personality.

**PSY 307 Social Psychology (3)** Examines the scientific study of social behavior. Students will be challenged to investigate and critically think of such interesting human topics as: the intrigue of personal attraction; the accuracy of impressions, the emotional sources of persuasion, conformity, prejudice; and altruism; and finally the influence of personal attitudes and beliefs on social behavior.

**PSY 311 Brain and Behavior (3)** Provides a broad overview of the relationship between brain function and behavior. Topics include basic brain anatomy and neural transmission; the neurobiology of sensation and perception, motivated behaviors, learning and memory, reward, pain, attention, sleep, stress and emotions; and what happens when brain function goes wrong (i.e., neurological and psychological disorders). By the end of this course, students should be able to evaluate claims made about brain research and

function, and have a richer understanding of how people behave the way they do.

**PSY 312 Theories of Personality (3)** Study of diverse theoretical approaches to understanding personality; review of current assessment and research methods employed in the study of the person.

**PSY 313 Experimental Psychology I (3)** Examines the steps of the research process, in particular research design, using various methods of psychological research. Students will review and write research reports and develop skills in the critical analysis of research design. Students will begin an original Experimental Research Study (ERS) to include research questions, problem identification and literature review. (Prerequisites: PSY 101, 208)

**PSY 314 Experimental Psychology II (3)** Continues to examine the steps of the research process, in particular research design, using various methods of psychological research. Students will conduct research, gather and analyze data, review and write research reports and develop skills in the critical analysis of research design. Students will complete an original Experimental Research Study (ERS) to include designing a research project, collecting and analyzing data, and writing an APA style research report. (Prerequisites: PSY 208, 313)

**PSY 316 WI: Pre Professional Internship (3)** Combination internship and independent study. Placements are available in clinical, educational, and industrial/business settings. A weekly seminar helps students process their experiences and presents information on a range of professional issues. Students must obtain permission of instructor before registering for internship.

**PSY 317 WI: Pre Professional Internship (3)** Combination internship and independent study. Placements are available in clinical, educational, and industrial/business settings. A weekly seminar helps students process their experiences and presents information on a range of professional issues. Students must obtain permission of instructor before registering for internship.

**PSY 320 Abnormal Psychology (3)** Modern concepts of diagnosis, classification, treatment, and prevention of psychological disorders. Emphasis is on the necessity for developing an understanding of the diversity of approaches to psychopathology including: behavioral, biomedical, cognitive, interpersonal, psychoanalytic, and humanistic.

**PSY 321 Self-Awareness through Groups (3)** Opportunities through group dynamics for students to expand their awareness of self and others, try out new patterns of behavior, and develop effective communication techniques. Students will learn behavioral skills that enhance interpersonal interactions.

**PSY 324 Lifespan Development (3)** Explores the entire range of human life from the moment of conception through death. The content is designed to encourage respect for theory and research and at the same time provide information that can be applied in a meaningful, practical sense. In essence, the course tells the story of human beings and how they get to be the way they are.

**PSY 331 Positive Psychology (3)** Positive Psychology focuses on what is "right" about people and seeks to understand which human strengths are critical for high levels of life satisfaction. This course explores current research that supports the notion that specific human strengths are predictors of optimal psychological well-being. Some of these strengths include: Happiness, Hope, Positive Affect, Emotional Intelligence, Mindfulness, Wisdom, Courage, Empathy, Gratitude, Forgiveness, Spirituality, Love, Gainful Employment, Resilience, and many more topics.

**PSY 343 Human Sexuality (3)** Examines in-depth the phenomenon of human sexuality. Topics include sexual myths and fallacies, the female sexual system, the male sexual system, sexual attitudes and behavior in today's society, sexual dysfunctions and

treatment. Special emphasis placed on the development of the physical and psychological aspects of a committed, intimate sexual relationship.

**PSY 345 Organizational Behavior (3)** Examination of the psychology of human performance on organizational effectiveness. Emphasis is placed on individual and group performance in such crucial areas as leadership, communications, conflict resolution, decision making, organizational systems and dynamics. Students study and develop psychological strategies for optimal organizational effectiveness.

**PSY 350 Introduction to Counseling (3)** An introduction to the basic dimensions and skills of the counseling process; an examination of the essential characteristics of an effective counselor; a review of the major theories of counseling and psychotherapy; and some experience in applying these components to a counseling situation.

**PSY 356 Selected Topics in Psychology (3)** An in-depth examination of a single contemporary psychological issue such as: wellness, substance abuse, eating disorders, mother and daughter relationships, spirituality, or a critical examination of specific therapeutic approaches. Topics will rotate based on current research trends and student interest. See course schedule for current topic.

**PSY 357 Sport Psychology (3)** Exploration of a wide variety of subject matter that focuses on enhancing athletic and training accomplishments. Emphasis is on the description of relevant psychological techniques that have proven to augment readiness and improve performance in exercise and sport settings.

**PSY 360 Learning and Cognition (3)** This course examines current understanding of the psychological processes of Learning and Cognition. Topics covered in the course will investigate phenomena such as: classical conditioning, operant learning, short-term/working memory, long-term memory, attention and language. The emphasis of this course is on the influence of experience on behavior.

**PSY 418 WI: History of Psychology (3)** In a seminar format, students examine the philosophic and scientific antecedents of modern psychology; beginnings of modern psychology in the various schools of psychology; and contemporary influence of existential and phenomenological psychology. (Prerequisites: PSY 313 and 314, or special permission from the department chair)

**PSY 419 WI: Contemporary Research Issues (3)** Students select a contemporary research question for intensive study. Results of research are shared in a formal oral presentation as well as in a comprehensive written literature review. (Prerequisite: PSY 418)

## General Science (SCI)

**SCI 122 Earth & Space Science (3)** This online course covers concepts related to Earth and its place in the universe. General topics include: astronomy, meteorology, Earth/Sun relationships, geology, and geomorphology. 2 hours lecture and 2 hours lab

**SCI 200 Special Topics in Science (1-6)**

## Sociology (SOC)

**SOC 200 Special Topics in Sociology (1-3)**

**SOC 202 Introduction to Sociology (3)** Introduction to the analysis of sociocultural behavior; emphasis is upon the development of the social individual, collective and group behavior, social institutions and culture. The presentation of basic terms, concepts, and theories provide an understanding of the

functioning of society and society's impact on the individual.

**SOC 212 Trauma (3)** This course will explore the different types of trauma, its impact on communities, families, and special populations such as children, transition age youth and criminal justice. Students will gain knowledge on how to become a trauma informed care champion as well as learn about evidence based models and community/natural resources that support victims of trauma.

**SOC 213 Adolescent Addiction (3)** This course examines adolescents struggling with addictions from a biopsychosocial perspective. This serves as the theoretical framework for understanding challenges and various interventions to facilitate recovery. Social institutions that influence the adolescent such as the family, the courts, and education will be dissected and we will explore various treatment issues and recovery models. Socioeconomic factors will also be analyzed.

**SOC 214 HON: Ethics: Theory and Praxis (3)** This course will benefit students planning careers in helping professions and those providing services to diverse populations. Foundations of the Western philosophical tradition regarding ethical concepts and human nature will be examined in the first part of the course, with special emphasis given to key thinkers. The second part will involve both examination and application of the process of ethical decision-making, with strong focus upon the types of current ethical issues that workers face.

**SOC 223 Grief & Loss Across Lifespan (3)** Therapeutic work with clients dealing with grief and loss will be viewed within a developmental framework for different age groups. Students will learn how grief is influenced by biological, psychological and sociological responses to grief. Topics include ambiguous loss, disenfranchised loss, and spiritual losses in the mourning stages. Developmental issues, coping mechanisms, and identification of poor coping skills and risky behavior during grief and loss stages for each age group will be addressed.

**SOC 230 Social Stratification (3)** This course contains an in-depth study of the systematic social inequality in the access of opportunities, resources, and rewards. The focus is on social stratification in the United States with some comparisons to other industrialized nations. A historical structure of how stratification has varied throughout history will be included, as well as the consequences of the future of a stratified world.

**SOC 245 Social Values (3)** A study of the history and values underlying American responses to human needs. Emphasis on the individual's rights to services and the dilemmas that now confront American social policy.

**SOC 246 Social Issues in the Workplace (3)** Addresses social concerns experienced in the work environment with emphasis on using the sociological perspective to find solutions to these concerns. (Also offered in accelerated format)

**SOC 247 Hi-Technology Crime (3)** The epidemic of high technology crime in America will be examined in regard to the criminal's methods and motives and the social, economic, legal and technological factors that have facilitated the prevalence of these crimes in the U.S. Specific investigative and prosecution hurdles experienced by the criminal justice system will be explored and the solutions offered will be addressed and analyzed.

**SOC 248 Criminal Courts: Structures & Processes (3)** An overview of the history and structure of the Pennsylvania and Federal criminal courts. Included is an in-depth analysis of criminal court procedures including initiation of charges, bail, summary proceedings, preliminary hearing, pre-trial motions, trial and sentencing using the Pennsylvania Rules of Criminal Procedure with case reviews. The course will also focus on the various roles and tasks of the court personnel at each stage of the criminal

process.

**SOC 249 Corrections (3)** An overview of sentencing, punishment, and treatment of convicted offenders. Analysis of the history of the correctional system, the prison social system and the theory and contemporary practices and trending issues in the area of corrections.

**SOC 250 Working with Adolescents (3)** Adolescence is explained from a biopsychosocial perspective. This theoretical framework serves as a foundation for applying various intervention strategies to facilitate growth. Social institutions that influence American adolescents are examined as are factors of ethnicity, mental health and cultural diversity.

**SOC 251 Pathways to Careers Human Services (3)** This course is taught in seminar style and will focus on the current Pathways to Careers in Social Work, Juvenile Justice, and Adult & Family Services by introducing the entitlements, mandates, and programs that county & state Human Service agencies provide. Philosophies of care that guide each system will be introduced. Students will learn the importance of being Trauma Informed, Family & Youth Driven as well as an effective Cultural Broker. The use of Evidenced Based Models and Practices commonly used in the child / adolescent and transition aged youth serving systems will also be introduced. This course utilizes lecture, discussion, group exercise, audio/visual, role play, internet resources, and oral presentations along with reading assignments.

**SOC 255 Organized Crime (3)** This course will examine criminals who obtain money through illegal activities; including intimidation, corruption, extortion and violence. The different types of organized crime, its history and progression both in America and abroad as well as a look inside Philadelphia organized crime and some of its more well-known members will be discussed. Also explored are the structure and activities of organized criminal enterprises, the different models that have been employed to describe organized crime groups, and the theories that attempt to explain the phenomenon. The history and strategies police use to combat organized crime will also be discussed.

**SOC 256 Serial Killers (3)** In this course, we will study the phenomenon of serial crime and, in particular, the serial killer. We will define serial and related homicides, review the history of serial killing, and discuss theories as to why individuals become serial killers. We will identify the traits and categories of serial killers and the methods by which they carry out their crimes. Finally, we will look at case studies of notorious serial killers and identify and discuss what factors may have been responsible for their becoming serial killers.

**SOC 262 Medical Sociology (3)** Medical Sociology brings sociological perspectives, theories, and methods to the study of health and medical practice. Major areas of investigation include the social facets of health and disease, the social behavior of health care personnel and people who utilize health care, the social functions of health organizations and institutions, the social patterns of health services, and the relationship of health care delivery systems to other systems. This course also provides an overview of social work practice in a variety of medical settings including inpatient, outpatient, clinics, hospitals, skilled nursing facilities, and home care. Students will gain information on the history of medical social work, the diverse settings in which medical social work is conducted, the responsibilities of medical social workers, the issues currently facing medical social workers, and the factors that impact social work practice in a multidisciplinary health care teams.

**SOC 263 Sociology of Health & Illness (3)** Sociology of Health and Illness will examine health, illness, and the health care system from a sociological perspective. More specifically, the course will

study how social forces promote health and illness, why some social groups suffer more illness than others do, and how the understanding of social forces can assist in addressing the issues. It will also examine how illness affects an individual, his/her relationships, or his/her ideas about what causes illness. The course will then view health care providers, the health care system, and health care settings from a sociological perspective.

**SOC 264 Victimology (3)** The scientific study of victimization, including the relationships between the victims and the offenders, the interactions between victims and the criminal justice system—that is the police, the courts, and corrections officials—and the connection between victims and other societal groups and institutions, such as the media, business, and social movements. Topics include child maltreatment, intimate partner violence, elder abuse, cybercrime, hate crime and current topics including human trafficking, home invasion, gang violence, terrorism and wrongful convictions.

**SOC 267 Homeland Security (3)** This course will introduce the theories of homeland security and the crucial fundamentals of the department by exploring its mission and goals. Students will develop an understanding of terrorism by learning how these organizations work, and what threats they pose to today's society. In addition, students will learn that the man-made threats are not the only dangers challenging homeland security and that "natural threats" also pose a challenge for the department. Students will become familiar with federal, state, and local laws, as well as international law, as it relates to the mission and goals of homeland security. Special attention will be dedicated to the USA PATRIOT Act of 2001, the Homeland Security Act of 2002, and the Emergency Management Reform Act of 2006 and how these Acts affect policy making within the department. Included will be an introduction to the different communities associated with the Department of Homeland Security, the intelligence, the security, and the military.

**SOC 270 Sociology Media & Pop Culture (3)** This course applies sociological thinking and perspectives to pop culture, the media, and the global society. An in-depth look will be given to class and cultural consumption, the power of advertising and the mass media, and the influence of technology and the internet. Specific topics include the production of culture, social media in the digital age, and the social impact of media on society.

**SOC 275 Sociology of Mental Disorders (3)** Examination of the social factors contributing to the onset of mental disorders. Social institutions that provide resources to the mentally ill, their social organization and delivery will be explained, as well as consequences of mental disorders for individuals and for society.

**SOC 306 Sociology of the Family (3)** A sociological study of the family with an emphasis on historical trends, cultural variations, and current family issues.

**SOC 307 Criminology (3)** A study of the key concepts in criminology, measurement of crime, historical and contemporary theories of crime; criminal behavioral systems, and an overview of the adult criminal justice system.

**SOC 312 Sociology of Deviance (3)** A sociological examination of rule-breaking behavior, the nature and extent of deviance, and the seven major perspectives on deviance and social control measures. An in-depth analysis of the many varieties of crime, substance abuse, sexual behavior, mental disorders, suicide, and disability.

**SOC 314 Juvenile Delinquency (3)** Examination of the meaning and scope of juvenile delinquency; a comparison of the adult and juvenile justice systems; and a review of the chronological development of delinquency theories with a major focus on gang delinquency processes.

**SOC 317 Introduction to Criminal Justice (3)** A broad overview

of the operations of the administration of justice and a description of the criminal justice system from arrest to parole, examining the issue of crime and focusing on the specific agencies and actors who constitute the system of criminal justice - police, courts, and correctional agencies.

**SOC 321 WI: Sociological Theory (3)** Examination and discussion of the writings of major theorists, such as Durkheim, Simmel, Mead, Weber, Mills, and Parsons. These individuals and others are used as a basis for discussion of issues and schools of thought in sociology. (Prerequisite: Senior and Junior majors, minors or permission of the instructor)

**SOC 328 Minority Groups (3)** Analysis of intragroup and intergroup relations of the major minority groups in the U.S., their structures, conflicts, and relations with the dominant culture. The primary focus is on ethnic and racial groups.

**SOC 343 Field Practicum I (3)** A study of how to help people with problems in living. Includes values, skills, and useful theoretical approaches to helping. Special attention to development of self-awareness and use of self in the helping process. Supervised field experience (one day a week) matching the student's interests, time, and abilities in a variety of settings. (Juniors and Seniors)

**SOC 345 Social Problems: World at Risk (3)** A study of the global context of social problems with an examination of cross-cultural comparisons integral to the study of contemporary social problems in the United States. Application of both micro- and macro-level systems of sociological inquiry and explanations will be explored.

**SOC 346 Field Practicum II (3)** Twelve to Sixteen (12-16) hours per week in a field setting under professional supervision working with people in a variety of ways. An intensive, hands-on experience helping people to cope, problem-solve, and gain access to resources they need. Includes group supervision on campus. (Prerequisite: SOC 343)

**SOC 348 Police and Society (3)** Introduces students to policing in America by examining a wide range of areas including the historical development of policing, recruitment, training, organizational procedures, and current trends in law enforcement. Key issues of criminal and civil law, current and developing policing trends, and recent incidents in policing will be discussed.

**SOC 352 Seminar I: Methods (3)** The first of a two-course sequence, this course is devoted to the principles, procedures, and techniques in the development of a research proposal. Focus is on the structuring of inquiry used in the discipline of sociology and the writing of a research proposal.

**SOC 353 Cultural Anthropology (3)** An in-depth study of the diversity of human behavior and lifestyles around the world, exploring the social and cultural similarities and differences of human society and culture. The scope of the course ranges from the simplest people to the highly developed civilizations of the modern world. Additionally, this course will focus on another major anthropological field, Archaeology, through which our human past is studied.

**SOC 354 Seminar II: Field Research (3)** The second of a two-course sequence, this course is devoted to the principles, procedures and techniques in the development of a research proposal. Focus is on the basic research methods used in the discipline of sociology and completion of the writing of the research proposal developed in Seminar I. (Prerequisite: SOC 352)

**SOC 360 HON: Gender and Culture (3)** A critical examination of the claims which explain and sanction social differences between the sexes from various theoretical perspectives; biological, psychological, sociological and anthropological. The social construction of gender will be examined across culture as well as

the paradoxes and differing perspectives that gender study evokes.

**SOC 375 Social Psychiatry (3)** This is a survey course designed to introduce the fascinating world of mental illness. The first part of the course deals with the definition of mental illness. This is a challenging task, in light of the fact that mental illness can take exotically different forms around the world. The second part of the course centers around the clinical symptoms and theoretical causes of different forms of mental illness, such as schizophrenia, bipolar disorder, phobia, obsessive-compulsive disorder, panic disorder, multiple personality disorder, psychopathy, personality disorders, post-traumatic stress disorder and psychosexual disorders. The third part of the course examines how different types of mental illness vary across socio-demographic groups. Who is most at risk and why? Topics include gender, race, ethnicity, marital status, religion, social class, place of residence, migration, age, and family variables such as sibling position. Cross-cultural differences are regularly emphasized.

**SOC 402 Crime Scene Investigation (3)** This course is designed for students who have little or no knowledge of crime scene investigation procedures and techniques and is designed to educate students in the primary skills and procedures necessary to properly respond to, identify, preserve and collect evidence necessary for criminal prosecution. Topics such as responding to and securing the crime scene, crime scene sketching, photography and videographer techniques, evidence identification, collection and documentation, interviewing, report writing, and courtroom testimony will be presented. In addition to the classroom material students do hands on work where they practice what is being taught in each module. The final exam (SOC 403) requires processing a staged crime scene. Must also register for SOC 403.

**SOC 403 Crime Scene Workshop 1** Students taking this workshop, like Police CSIs, will be assigned to five member teams and will perform the duties and functions of each team member. This workshop will require students to properly respond to, identify, preserve and collect evidence necessary for criminal prosecution. Skills learned in SOC 402 will be demonstrated. Think of this workshop as a crime scene lab with the final exam the processing of a staged crime scene. Must also register for SOC 402.

**SOC 405 Forensic Death Investigation (3)** Students in this course will learn the fundamentals of medical examinations of death and their relationship to the crime scene. Special focus will be given to the various manners of death and the pathology behind their top listed causes. Students will additionally learn the importance of rigor, livor, and algor mortis as well as various stages of decomposition in determining an accurate timeline of events.

## Spanish (SPAN)

**SPAN 101 Elementary Spanish I (3)** Pronunciation, basic elements of grammar through oral and written exercises. Laboratory work required.

**SPAN 102 Elementary Spanish II (3)** Continuation of pronunciation and basic elements of grammar through oral and written exercises. Laboratory work required. (Prerequisite: SPAN 101 or instructor's approval)

**SPAN 103 Intermediate Spanish I (3)** Emphasis on review, expansion, and application of grammar, vocabulary, and pronunciation through listening, speaking, reading, and writing exercises. Discussion of geography and culture of Spain and Latin America. Laboratory work required.

**SPAN 104 Intermediate Spanish II (3)** Continuation of review,

expansion, and application of grammar, vocabulary, and pronunciation through listening, speaking, reading, and writing exercises. Discussion of geography and culture of Spain and Latin America. Laboratory work required. (Prerequisite: SPAN 103 or instructor's approval)

**SPAN 150 Spanish for Medical Personnel (3)** Basic communication skills for those involved in medicine, nursing, and allied medical services in the Hispanic community. Emphasis on functional, situational conversation and elementary grammar.

**SPAN 151 Spanish for Pastoral Ministry (3)** Basic communication skills for those working within the context of pastoral ministry in the Hispanic community. Emphasis on functional, situational conversation and elementary grammar. (Offered in the IHM Formation Academic Program)

**SPAN 152 Intermediate Spanish for Med Personnel (3)** An intensive course designed to advance the language proficiency of those working in the medical field. (Prerequisite: SPAN 150 or instructor's approval)

**SPAN 163 Spanish & Hispanic Culture I (4)** Basic communication skills for those in the service industry. Emphasis on cultural sensitivity and functional conversation. This is the foundation course for SPAN 163 and SPAN 164. (Offered only through corporate training opportunities.)

**SPAN 164 Spanish & Hispanic Culture II (4)** Continuation of SPAN 160. Basic communication skills will be further developed through oral and situational exercises. Emphasis on cultural sensitivity and the importance of customer service. (Offered only through corporate training opportunities.) (Prerequisite: SPAN 163)

**SPAN 165 Spanish & Hispanic Culture III (4)** Students will be challenged to effectively communicate with customers and associates in basic work-related situations. Communication skills will be further developed through oral and situational exercises while emphasizing cultural sensitivity and the importance of customer service. Offered only through corporate training opportunities. (Prerequisites: SPAN 163, 164)

**SPAN 200 Special Topics in Spanish (1-3)** Study of a theme, genre, period, literary group or single author; cultural topic from Latin America or Spain.

**SPAN 201 Advanced Intermediate Spanish I (3)** Contemporary overview of Spanish language, syntax, and grammar with materials selected for exploring Hispanic culture. Emphasis on development of student autonomy in Spanish, especially in speaking and writing. Laboratory work required. (Prerequisite: SPAN 102, or 104, or 152 or instructor's approval)

**SPAN 202 Advanced Intermediate Spanish II (3)** Continuation of contemporary overview of Spanish language, syntax, and grammar with materials selected for exploring Hispanic culture. Emphasis on development of student autonomy in Spanish, especially in speaking and writing. Laboratory work required. (Prerequisite: SPAN 201 or instructor's approval)

**SPAN 300 Crossing Borders: Hispanic Women's Image US (3)** Topics concerning Hispanic females in the U.S., the restrictions imposed on them by the roles ascribed by American society, and how they adapt to or rebel against such limitations. Themes of exile, machismo, marginalization, integration and freedom will be explored. Students will be able to contrast and compare their own experiences in American society with those of the many Latin-American cultures in the United States in order to discover a universal global female experience. The course will be conducted in Spanish. (Prerequisite: SPAN 305 or 333, or instructor approval.)

**SPAN 301 Travel Study (3)** Study/travel immersion course conducted in English with the option of receiving credit in

Spanish. Classes meet once a week in the spring. Travel in May with final paper required to receive credit. Limited enrollment. Travel costs additional. Students who opt for Spanish credit will utilize the Spanish versions of the readings and films where available. (Prerequisite for Spanish credit: SPAN 201-202 and departmental approval. Students may be enrolled in 202 simultaneously with this course. This course is cross-listed with HIST 301. No prerequisite required for history credit)

**SPAN 302 Intensive Study Abroad: Spanish (3)** Study/travel immersion course conducted in Spanish. Classes meet once a week in the spring. Travel in May/June and final paper required to receive credit. Limited enrollment. Travel costs additional. (Prerequisite: SPAN 201-202 and departmental approval)

**SPAN 304 Intermediate-Advanced Spanish Conversation & Composition I (3)** Intensive group discussions, oral and written reports revolving around current themes and issues. Review of subtleties of Spanish grammar. Emphasis on oral proficiency and use of specialized vocabulary and idioms. (Prerequisite: SPAN 202 or instructor approval).

**SPAN 305 Intermediate-Advanced Spanish Conversation & Composition II (3)** A continuation of Intensive oral practice and written reports revolving around current themes and issues. Further review of subtleties of Spanish grammar and emphasis on proficiency with using specialized, field-specific vocabulary and idiomatic expressions. (Prerequisite: SPAN 304)

**SPAN 312 Spanish for Heritage Speakers (3)** This course is designed specifically for native or heritage speakers of Spanish with oral proficiency but little or no formal training in the language. Generally, these are learners who were raised in homes where Spanish was spoken. The course is designed to build on the language base students already possess. Spanish-speaking students are not viewed as using an “improper” form of Spanish that is incorrect or needs to be eliminated. Rather, their language is viewed as an extremely valid means of oral communication. The primary purpose of the course is to develop reading and writing skills, although all of four language skills (listening, speaking, reading, and writing) are emphasized via cultural and community activities.

**SPAN 313 Hispanic Cultures Through Film (3)** Exploration of the Spanish speaking world through film. Study of people, places and contributions of Hispanic and Latino speakers from around the globe. Discussions of similarities and differences among Latino cultures and in comparison with American culture. (Prerequisite: SPAN 305 or 333, or instructor approval)

**SPAN 314 Culture & Civilization of Spain (3)** An overview of the major social and cultural movements in Spain, its people and their contribution to the arts and literature. (Prerequisite: one of the following: SPAN 303, 305, 333, or instructor’s approval)

**SPAN 315 Spanish Literature I (3)** Reading and analysis of major works from the Middle Ages through 18th century Spain. (Prerequisite: SPAN 314 or instructors approval)

**SPAN 316 Spanish Literature II (3)** Analysis of literary trends and study of representative authors of 19th and 20th century Spain. (Prerequisite: SPAN 314 or instructor approval)

**SPAN 319 Spanish Women Writers (3)** Reading and discussion of the major works of women writers of Peninsular Spain. Selected works are examined in the context of the literary and cultural conditions that gave rise to their expression. (Prerequisite SPAN 305 or instructor approval) Offered in Spanish or English.

**SPAN 323 Spanish for Careers (3)** Specialized Spanish language for careers in industry, government, and service to respond to the needs of international transactions in the Spanish-speaking world. (Prerequisites: SPAN 303 and 333, or 305 or instructor’s approval)

**SPAN 325 Field Experience I (1-3)** Supervised and directed

placement in language-related areas of business, industry, government, law, commerce, or community service. Log and analyses are prepared by the student and evaluated by the cooperating agency or institution and the faculty director. (Departmental approval required)

**SPAN 326 Field Experience II (1-3)** Supervised and directed placement in language-related areas of business, industry, government, law, commerce, or community service. Log and analyses are prepared by the student and evaluated by the cooperating agency or institution and the faculty director. (Departmental approval required)

**SPAN 328 WI: Latin American Culture & Civilization (3)** Discussion of the historical, literary, and artistic development of Spanish-America from pre-Columbian times to the present. (Prerequisite: SPAN 303, 305, 333 or instructor approval)

**SPAN 329 WI: Latin American Literature I (3)** Study of the development of the main Spanish-American literary movements in the novel, drama, and poetry from Colonial times to the end of the nineteenth century. (Prerequisite: SPAN 328 or instructor approval)

**SPAN 330 Latin American Literature II (3)** Discussion and analysis of the literary movements of the 20th century in the novel, drama, and poetry in the works of major Spanish-American female and male authors. (Prerequisite: SPAN 329 or instructor approval)

**SPAN 331 Latin American Women Writers (3)** Reading and discussion of the major works of Spanish-American women writers of various periods and genres. Selected works are examined in the context of the literary and cultural conditions that gave rise to their expression. Offered in Spanish (Prerequisite: SPAN 305) or English.

**SPAN 332 WI: Latinos in the US (3)** Study of the historical, literary, artistic development of Latinos in the USA, immigration issues and Latino participation in politics and civil life. (Prerequisite: SPAN 303, 305, 333, or instructor approval)

**SPAN 334 Seminar (3)** In-depth study, analysis, and presentation of research topics. This seminar is interdepartmental for Spanish-psychology and Spanish-social work. Offered in alternate years. This is the senior capstone course for majors. (Departmental approval required)

**SPAN 335 Advanced Conversation (3)** Intensive oral practice tailored to the professions: Spanish for Criminal Justice, Spanish for Nutrition and Dietetics, Spanish for the Teaching Profession, and Spanish for the Medical Profession.

## Special Education (SPED)

**SPED 385 Procedures/Processes for Special Education (3)**

This course includes federal and state level professional and ethical practices required of the special education teacher. In addition, it covers advanced development (instructional planning) of individual education plans (IEP), individual family service plans (IFSP), 504 plans, and positive behavior support plans (PBSP) created as a result of comprehensive, multidisciplinary student evaluations/assessments (evaluation reports e.g., functional behavior assessments FBA) of students with disabilities in school settings. Contents capture global procedures for screening/assessment, referral, classification, placement, instructional programming in a standards aligned system and progress monitoring (data collection systems). (Prerequisite: EDU 381)

**SPED 386 Strategies High Incidence Disabilities (3)** Topics include advanced, research-based strategies/interventions for students who have high incidence disabilities (specific learning

disabilities, attention deficit disorders, mild/moderate intellectual/developmental disabilities, speech/language disorders, social-emotional/behavioral disorders and high functioning autistic disorders). Specifically, the course includes instructional planning, pedagogical techniques (specially designed instruction) for all academic, social-behavioral and other functional skill areas, and monitoring of student's progress resulting from these instructional techniques. (Prerequisites: EDU 381 and EDU 384)

**SPED 388 Characteristics/Causes Disabilities (3)** This course includes ADVANCED characteristics and causes (etiologies) of all disabilities as per the categories described in IDEA. These developmental differences are in the realms of medical, biological, psychological, emotional-behavioral and social-cultural influences. Coverage about how these aspects affect academic and all other functional skills is also included. (Prerequisite: EDU 381).

**SPED 389 Strategies Low Incidence Disabilities (3)** This course covers ADVANCED, research-based strategies/interventions for students who have LOW INCIDENCE DISABILITIES (LID): (Significant Cognitive Delays, Intellectual/Developmental Disabilities, Low Functioning Autism Spectrum Disorders or Pervasive Developmental Disorders, Serious Physical Disabilities Orthopedic Impairments, Complex Health Issues" Other Health Impairments, Multiple Disabilities, Visual Impairments including Blindness, Hearing Impairments including Deafness and Severe Emotional Disorders). Specifically, it includes instructional planning, pedagogical techniques (specially designed instruction) for all academic, social-behavioral and other functional skill areas, and monitoring of students' progress resulting from these instructional techniques. Medical and physical management techniques for students in need are also included. A 40-hour field experience is required. (Prerequisites: EDU 381 and EDU 384).

## Theology (THE)

**THE 104 Pract Theology through Mission (3)** Christian theology is best understood through its practical application in personal, social, and global contexts. The first Christians were sent forth to proclaim the Gospel to all the world. They did so by embodying in their personal lives the identifying beliefs of the Christian community. Today, as then, a practice of theology compels a practical response to an increasingly diverse and rapidly changing global world, landscape, family.

**THE 109 Introduction to Theology (3)** Introduction to the study of theology offering an overview of the fundamental questions, issues, sources, and content of the Christian theological tradition. This course seeks to invite reflection on the deepest questions raised by human life and to explore ways that Christian faith responds to these questions with an aim to foster an understanding of St. Anselm's definition of theology as "Faith Seeking Understanding" and to deepen understanding of the significance of Christian theology for human existence in the world today.

**THE 110 Introduction to the Bible (3)** A general overview of Sacred Scripture. Students will gain an acquaintance with the history and geography of the biblical literature; the formation of the two testaments and types of biblical literature; important themes and persons of the Bible; and the role of scripture in the Church and in Christian theology today.

**THE 112 Francis of Assisi (3)** Exploration of the life and legacy of Francis of Assisi. Course topics will include Francis' core spiritual insights, prayers and his witness to simplicity, joy and peace-making.

**THE 200 Topics in Theology (1-3)** Selected topics to enrich the understanding of a variety of theological themes.

**THE 201 Living the Truth in Love (3)** This course investigates, reflects, and applies moral principles to personal and professional life. Issues concerning life and death, sexuality and marriage, rights and justice are among the many topics addressed. (Accelerated format only)

**THE 206 Exploring God & Self in Prayer (3)** This course aims to deepen the student's understanding and experience of what prayer is and to foster familiarity with some approaches to prayer used by the great spiritual masters in the Christian tradition. It seeks to encourage growth and development of the Christian life through an exploration of the many prayer styles which are part of the rich Catholic spiritual tradition.

**THE 209 Sin & Salvation in Everyday Life (3)** This course illuminates the Biblical understanding of the reality of sin as broken/breaking relationship with God, self, others and creation. It explores the pivotal Christian claim that this human reality has been transformed in a definitive way by the life, death and resurrection of the Savior, Jesus Christ.

**THE 211 Christology (3)** Examination of the person and ministry of Jesus of Nazareth and explores the theological significance of the mystery of Jesus Christ for our world today. It poses the question which Jesus himself posed to his disciples: "But who do you say that I am?" (Mk. 8:29) and examines various responses to this question throughout the Christian tradition. It also offers a historical overview of various waves of renewal in Christology and highlights some contemporary emphases in the study of Christology.

**THE 212 Insights & Images: Mary (3)** This course delves into the Gospel portrait of Mary, the development of Marian doctrine and forms of authentic Marian devotion. John Paul II's Marian teaching will also be explored.

**THE 217 Christian Marriage and Family (3)** This course lays the foundation for an authentic, historical, and contemporary Christian theological understanding of marriage and the family. Through an in-depth study of Old and New Testament passages, key Church documents, and historical and contemporary sources, the course explores God's original plan for marriage and family "from the beginning" and the redemptive vision of the Church for marriage and family today.

**THE 218 Introduction to Christian Ethics (3)** Introduction to the discipline of Christian moral and ethical reflection, equipping students with the capacity to raise and pursue questions about human flourishing in light of fundamental theological convictions about God, humanity, and our world. Emphasis will be given to the nature and requirements of good moral discernment and effective moral practice.

**THE 219 Theology and Film (3)** This course enables students to 1) learn what can be uncovered about faith, redemption, ethics and spirituality through film clips and selected movies; 2) think critically about movies that have explicit and implicit theological dimensions; and 3) investigate the theological significance of stories in human life.

**THE 221 Theology of the Human Person (3)** Examination of essential elements of a Christian understanding of the human person before God. This course helps students explore life's "big questions": where do we come from; is there a purpose to our existence; what are we to make of so much evil and suffering; where is God to be found; and for what may we hope? Students will be introduced to key biblical, historical, and contemporary sources that have shaped Christian thinking about human existence.

**THE 222 Catholic Belief and Practice (3)** Examination of the faith content, faith dynamics, and historical background of the Catechism of the Catholic Church. It explores the major contents

of the "four pillars" upon which the Catechism is built: 1) the Creed-the Faith Professed; 2) the Sacraments-the Faith Celebrated; 3) the Commandments and Moral Life-the Faith Lived; and 4) Prayer/The Lord's Prayer-the Faith Prayed. The course seeks to deepen and enrich understanding of key beliefs, teachings, and practices of the Catholic tradition. It offers a contemporary explanation of Catholicism that is grounded in the history and traditions of the Church.

**THE 224 Mission, Missionaries & Missions (3)** Examination of Christian missionary activity as an expression of Christ's mandate to the first disciples to "go teach all nations." The history of Christian missionary activity, the theology of mission, and current missionary practice are examined.

**THE 225 John Paul II: A Remarkable Life (3)** Exploration of the life and literary legacy of John Paul II. Content will include perspectives on John Paul II's personal witness, theological thinking, and the prophetic humanism that situates his teaching at the heart of Catholicism in the contemporary world.

**THE 226 History of Spirituality (3)** An overview of figures and movements within the history of Christian Spirituality. Students will explore the different expressions of Christian Spirituality in relation to their context as well as their relevance to contemporary life.

**THE 227 Contemporary Christian Spirit (3)** Examination of what is meant by Christian spirituality in today's challenging world. Significant spiritual writers, movements and issues of the twentieth century will be explored. It seeks to broaden awareness and integrate personal understanding of the connections between Christian spirituality, the lived reality and the culture.

**THE 228 Current Issues: Faith, Religion & Culture (3)** This course identifies, analyzes, and interprets current issues which impact the engagement of Faith and culture. Equipped with a theological vision of religious diversity and cultural pluralism, a constructive engagement with contemporary culture is possible. Current contributors in the arts and sciences who successfully bridge the gap between Faith and culture are identified so that students may be inspired to contribute to the global dimensions of human flourishing.

**THE 230 Forgiveness (3)** Exploration of the biblical and theological foundations of the Christian understanding of forgiveness. Spiritual and pastoral applications will focus on the craft of exercising the virtue of forgiveness in daily life.

**THE 232 The Child in the Bible (3)** Investigation of the biblical understanding of the child and childhood in Judeo-Christian tradition. The social implications of a theological understanding of childhood are examined in light of the family, the school, and society.

**THE 235 Images of Jesus (3)** This course seeks to examine images of Jesus that have come down to us through the ages that can impact or enrich one's faith and understanding. Seeing and appreciating the power of the artists' renditions and the theology that informs the art will be explored. Consideration will be given to faith influencing art while art is influencing faith in the interplay between the artists and their images of Jesus.

**THE 302 C.S. Lewis: Mentor & Model (3)** An instructive and inspirational study of the writings of the influential and prophetic Christian: C.S. Lewis. The exploration will develop theological, ethical, spiritual, and pastoral implications in a variety of his works.

**THE 303 Theology of the Church (3)** Exploration of the origin, foundation, and mission of the Church. The symbols which express the mystery of the Church, the names which identify the Church, and the structures which make the Church present as a historical reality will be examined. Sacred Scripture, liturgy, and the teachings of the Second Vatican Council will inform and guide this

study.

**THE 306 Signs, Symbols, Sacraments (3)** Introduction to earliest forms of prayer and worship practiced by Christian communities. Students will discover how Christians passed on the rituals and prayer forms enacted by Jesus and the first Christian communities. The examination of the sacramental life of the Church, especially Baptism and Holy Eucharist, will furnish a source of worship for life.

**THE 311 Exploring the Gospels (3)** A survey of the Gospels of Mark, Matthew, Luke and John, highlighting the unique theological perspective of each evangelist and the distinctive facets of the life and ministry of Jesus that each Gospel writer emphasizes. It seeks to familiarize students with what the gospels say about Jesus, with tools for reading the gospels intelligently, and with some history of the first century world. The course examines the structure, plan, and major themes of each author and invites reflection on the meaning of the Gospel for our contemporary world. (Suggested preparation: THE 110)

**THE 312 St. Paul: Mission and Message (3)** This course delves into the life and letters of St. Paul in order to understand his importance as a missionary and as a theologian. Some contemporary social issues are examined in the light of St. Paul's teachings. (Suggested preparation: THE 110)

**THE 314 World Religions in Dialogue (3)** Using the principles of interreligious dialogue, this course investigates the principle beliefs, rituals, and moral codes of the major world religions: Christianity, Hinduism, Buddhism, Confucianism, Judaism, and Islam. It seeks to broaden awareness of religious diversity and develop attitudes of understanding, respect, and collaboration with members of other religious traditions.

**THE 315 Search for Meaning (3)** This course introduces the study of theology through the lens of the human search for meaning. Special emphasis is given to the life and teachings of Viktor Frankel, a Holocaust survivor and psychiatrist. Throughout, the course explores the integration of Frankel's teachings on hope, faith, love, God, suffering and mental health into traditional Catholic and Protestant theologies.

**THE 317 Christian Social Ethics (3)** Exploration of the dynamic interaction between Christian faith and complex social realities of our time in light of the Catholic social tradition. The course proceeds historically and systematically, exploring ways this tradition has engaged important ideas, movements, and institutional arrangements that have shaped contemporary social existence. Emphasis is given to the connections between personal and communal flourishing and to the requirements of safeguarding and promoting these goods within the contexts of the family, work, the economy, political life, international relations, and our relations with the natural environment.

**THE 321 Old Testament Wisdom (3)** Wisdom? In the Biblical tradition, wisdom is linked with a specific way of life, a world view rooted in everyday human experience. This course examines selected themes in the Hebrew Scriptures (Proverbs, Qoheleth, Job, Wisdom, Psalms) in order to sharpen an understanding of how to seek and find wisdom and show its relevance to our daily lives. (Suggested preparation: THE 110)

**THE 328 Saints Rediscovered (3)** This course is an inquiry into the nature of Christian living through an examination of the lives and influence of classical and contemporary saints.

**THE 332 HON: Christian Faith & Economic Life (3)** Jesus told his followers, "give to Caesar what is Caesar's, and to God what is God's" (NIV). Today He might say, "Give to Wall Street what is Wall Street's, and to God what is God's." Determining what belongs to Wall Street and what belongs to God is difficult but essential since economic issues typically intersect with

Christian ethical concerns. This course compares and contrasts different theological approaches as to the extent the church can and should be involved in ethical issues in economics.

**THE 333 Faith and Reason (3)** This course considers the meaning and significance of John Paul II's encyclical Faith and Reason (*Fides et Ratio*). The Pope affirms that "philosophy is a form of human adventure that lies open to every person" and in this encyclical, he reconciles the intellectual inquiry for truth with the Gospel of Christ. The search for truth is complemented by the use of faith and reason.

**THE 334 HON: Reason & Reality -Questing (3)** "Questing" or seeking earnestly for truth has been a driving force in philosophy. Historically, Catholic philosophers have recognized the compatibility of reason and faith in their quest for truth. In this course, students will embark on their own philosophical quest as they read primary texts of Catholic philosophers, write philosophical journal entries, engage in philosophical discourse, and collaborate with fellow "questers" in presenting a research paper that blends reason and reality.

**THE 335 Christian Faith in Action (3)** This course investigates the fundamental teaching of the Christian faith and the role of prayer and spirituality in living an authentic Christian life. (Accelerated format only)

**THE 336 HON: Religious Faith & Culture (3)** Religious consciousness has always been at the root of human culture since time began. This course examines the relationship between religious faith, cultural diversity, and religious pluralism. Students will read texts of Christian scholars and theologians in order to analyze, interpret, and critique cultural institutions and systems that challenge and/or enhance religious belief.

**THE 340 Theological Wisdom (3)** This course is an exploration of classic texts (ancient, medieval, modern) within the Christian tradition that have profoundly influenced the ways Christians understand and relate to God. Texts include works authored by the Biblical writers, Augustine, Aquinas, Bonaventure, Luther, and others.

**THE 341 HON: Love IN the Economy? (3)** In the wake of the 2007 subprime mortgage crisis, which led to a worldwide recession, many people called for reform of our existing economic

structures and institutions. Pope Benedict XVI proposed a radically different path: we need to put love in the economy so that it serves love and expresses love. His revolutionary proposal challenges commonplace thinking about love (e.g., that it is a virtue for private life) and the economy (e.g., that it works best when it serves self-interest). It also challenges theories of economic justice, both secular and religious, that stress the primacy of rights. Hailed by leaders around the world as a critical contribution to a global conversation about our shared destiny, this teaching invites careful thought and creative action on the part of all of us. This course seeks to engage students in this call to action. Can we help create an economy of love? Prerequisites: Foundational Theology Course: THE 109, 110, 209, 221 or 222.

**THE 342 Moral Wisdom (3)** Exploration of classic texts (ancient, medieval, modern) within the Western philosophical and theological traditions that have profoundly influenced the ways we think about and pursue the good life. Texts include works authored by Aristotle, Augustine, Aquinas, Kant, and others.

**THE 381 Foundations Spiritual Freedom (3)** This course explores the foundations of morality and adult spiritual freedom. Through a study of the biblical roots of holiness, a focus on Christ as model, and an analysis of biblical and cultural roots in human life, the student explores the paths to authentic freedom. (Accelerated format only)

**THE 408 Contemporary Medical Ethics (3)** Introduction to the discipline of Christian medical ethics. In light of philosophical and theological foundations of the discipline, it explores aspects of contemporary health care practice that bear upon the pursuit of personal and communal flourishing. It aims to help students acquire knowledge and skills that are required for good ethical analysis and decision-making within the medical moral environment. Attention will be given to clinical, institutional, and social contexts that shape the moral dimensions of medical practice and the vocational experience of health care professionals.

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Margie McNelly *Accounting*  
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Adam Keim *Dining Assistant Manager*  
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Ryan Rafferty *Catering Manager*

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Jason Clemonds *Maintenance Manager*  
Jennifer Davis *Office Coordinator, Facilities*  
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Nivine Rihawi, M.B.A. *Assistant Director of Human Resources*  
Kelli Gerace *Payroll Specialist*

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Sandy Finnegan *Office Manager*

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Richard Cosgriff, B.S. *Instructional Designer*

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Kathy Theilacker, M.A. *Systems Analyst*

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Josh Rucci, M.A. *Business Systems Analyst*

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Robert Marsden, B.S. *Network Administrator*  
Dan McCarrie, B.A.Sc. *Desktop Support*  
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Denise Hammeke *Admissions Operations Specialist*  
Meghan Smith, B.S. *Admissions Counselor*  
Erin Murphy *Admissions Counselor*  
Renee DiValerio, A.S. *Administrative Coordinator*  
Megan Murphy, B.Mus. *Visitor Center Coordinator*

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Jayson Human, M.P.A. *Assistant Director, Athletics & Recreation*  
Brett Mariani, M.A. *Assistant Director, Athletics/Communication*  
Jamie Scott, B.A. *Manager, Athletics Facilities*  
Niko Amato, B.S. *Manager, Intramurals*  
Andrew Waer, M.S. *Head Athletic Trainer*  
William Kerr, M.S.Ed., PAT, ATC, CES *Assistant Athletic Trainer*  
Sara Miraglia, B.S. *Assistant Athletic Trainer*  
Kathleen Womelsdorf, M.A.Ed. *Senior Women's Administrator*

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Carlos Rodriguez *Assistant Director, Campus Safety & Protection*  
Denise McCollum, B.A. *One Card/Parking Coordinator*  
Mariesa Capelli *Campus Safety Assistant*

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Sallie Tuscai, B.A. *Counselor*  
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Bridget Irelan, B.A. *Assist. Director, Residence Education*

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vacant *Director, Diversity & Inclusion*

# Faculty

## FACULTY EMERITI

Pamela Abraham, B.A., Psy.D. *Professor Emerita of Psychology*  
 B.A., Psy.D., Baylor University  
 Certified School Psychologist, Commonwealth of Pennsylvania  
 Nationally Certified School Psychologist, (NASP)  
 Licensed Psychologist, Commonwealth of Pennsylvania

Joyce M. Alexander, B.Sc., M.Sc., Ph.D. *Professor Emerita of Mathematics*  
 B.Sc., M.Sc., University of Belfast  
 Ph.D., University of Pennsylvania

Sister Marie Roseanne Bonfini, *Professor Emerita of Foreign Languages*  
 IHM, B.A., M.A., D.E.F., Ph.D.  
 B.A., Immaculata College  
 M.A., Fordham University  
 D.E.F., Université de Paris  
 Ph.D., University of Rochester  
 D.H.L. Marywood University, Honorary Degree, May 2002

Jacqueline Bull, B.A., M.A., Ph.D. *Professor Emerita of Business*  
 B.A., Bloomfield College  
 M.A., Central Michigan University  
 Ph.D., Capella University

Sister Marie Lorraine Bruno, *Associate Professor Emerita of Global Languages and Cultures*  
 IHM, B.A., M.A., D.L.F.  
 B.A., Immaculata College  
 M.A., Catholic University of America  
 D.L.F., Institut Catholique, Paris

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 IHM, B.A., B. Mus., M. A., Ed.D.  
 B.A., B.Mus., Immaculata College  
 M.A., Virginia Polytechnic Institute and State University  
 Ed.D., Temple University

Mary D. Calderone, B.A., M.A., Ed.D. *Professor Emerita of Education*  
 B.A., Immaculata College  
 M.A., Villanova University  
 Ed.D., Immaculata College

Kathleen M. Clark, B.A., M.A. *Associate Professor Emerita of French*  
 B.A., Immaculata College  
 M.A., Villanova University

Sister Marie A. Cooper, *Professor Emerita of Mathematics/Physics*  
 IHM, B.A., M.A., M.S., Ed.D.  
 B.A., Immaculata College  
 M.A., M.S., Villanova University  
 M.S., Rensselaer Polytechnic Institute  
 Ed.D., Rutgers, The State University of New Jersey

Sister Ann Coyle, B.A., M.A. *Associate Professor Emerita of Economics*  
 B.A., Immaculata College  
 M.A., Temple University

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 Ed.D., Temple University

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 Ph.D., Bryn Mawr College

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 B.Mus., Immaculata College  
 M.Mus., West Chester University  
 Lecturer in Theology  
 M.A., University of Notre Dame

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 B.A., M.A., M.S.W., L.S.W., B.C.D., Psy.D.  
 B.A., University of Rochester  
 M.A., University of Chicago  
 M.S.W., Smith College  
 Psy.D., Immaculata College  
 Licensed Social Worker, Commonwealth of Pennsylvania  
 Board Certified Diplomate, American Board of Examiners in Clinical Social Work  
 Licensed Psychologist, Commonwealth of Pennsylvania

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 IHM, B.A., M.A., S.T.L., S.T.D.  
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 M.A., St. Charles Seminary  
 S.T.L., S.T.D., University of St. Thomas (Angelicum), Rome

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 M.S., Ph.D., University of Notre Dame

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 M.S., West Chester University

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 Ph.D., University of Pennsylvania

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Francis G. Martin, B.A., M.A., Ph.D. B.A., West Chester State College M.A., Ph.D., Temple University	<i>Professor Emeritus of Biology</i>	Elizabeth F. Wagoner, B.S.N., M.A., Ed.D., R.N. R.N., White Plains Hospital School of Nursing B.S.N., Ohio State University M.A., Teachers College, Columbia University Ed.D., Rutgers, The State University of New Jersey	<i>Professor Emerita of Nursing</i>
Sister Virginia Assumpta McNabb, IHM, B.A., M.A. B.A., Immaculata College M.A., Catholic University of America	<i>Associate Professor Emerita of Accounting</i>		

## FACULTY

Sister Elizabeth Monica Acri, IHM, B.A., M.A., M.Ed., Psy.D. B.A., Immaculata University M.A., Marywood University M.Ed., Temple University Psy.D., Immaculata University Licensed Psychologist, Commonwealth of Pennsylvania	<i>Associate Professor of Psychology</i>	Kristy Brumfield, B.S., M.H.S., Ph.D., LPC B.S., Tulane University M.H.S., Louisiana State University Ph.D., University of New Orleans	<i>Associate Professor of Psychology</i>
Cecile Adkins, B.S., M.A. B.S., University of Nevada, Reno M.A., Immaculata University	<i>Instructor in Nutrition</i>	Maria Buonviri, B.M., M.M. B.M., Pontificia Universidad Javeriana M.M., Texas Christian University	<i>Affiliate in Music</i>
Theresa M. Agostinelli, B.A., M.A. B.A., M.A., Widener University	<i>Lecturer in Criminology/Social Work</i>	Jennifer Campbell, B.Mus., M.Mus. B.Mus., M.Mus. The Peabody Conservatory of Music of Johns Hopkins University	<i>Affiliate in Music</i>
Michele M. Anastacio, B.S. B.S., Kutztown University	<i>Lecturer in Criminology</i>	Stephen Campitelli, B.M., M.M. B.M., Pennsylvania State University M.M., Temple University	<i>Affiliate in Music</i>
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Judge John Bailey, B.A., M.A.S. B.A., M.A.S., Fairleigh Dickenson University	<i>Lecturer in Criminology</i>	William Carr, B.Mus., M.Mus., M.A., DMA B.Mus., M.Mus., Temple University Graduate Professional Studies (Piano), The Juilliard School Performance Certificate (Chamber Music Studies), Hochschule fur Musik, The Munich Conservatory Performance Certificate (Piano), Hochschule fur Musik, The Franz Liszt Conservatory M.A., University of Pennsylvania DMA, Catholic University of America Steinway Artist	<i>Professor of Music</i>
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Rebecca Beaudin, B.A., M.T.S. B.A., Hunter College M.T.S., Harvard Divinity School	<i>Lecturer in Sociology</i>	Timothy Celfo, B.M. B.M. West Chester University	<i>Affiliate in Music</i>
Brent Behrenshausen, B.S., M.M. B.S., West Chester University M.M., Duquesne University	<i>Affiliate in Music</i>	Rita M. Colanzi, B.A., M.A., Ph.D. B.A., St. Joseph's University M.A., Villanova University Ph.D., Temple University	<i>Associate Professor of English</i>
Daniel Benonis, B.Mus., MAMT, MT-BC B.Mus., MAMT, Immaculata University Certification Board for Music Therapists MT-BC	<i>Instructor in Music Therapy</i>	Donna Cooper, B.Mus.Ed., M.Mus.Ed. B.Mus. Ed., Northwestern University M.Mus. Ed., West Chester University	<i>Affiliate in Music</i>
Diana Borgia-Petro, B.Mus., M.Mus. B.Mus., M.Mus., Temple University	<i>Affiliate in Music</i>	Joseph J. Corabi, B.S., M.Ed., Ed.D. B.S., M.Ed., West Chester University Ed.D., Widener University	<i>Professor of Education</i>
David W. Brennan, B.A., M.S., Ed.D. B.A., M.S., St. Joseph's University Ed.D., Immaculata University	<i>Professor of Education</i>		
Lisa A. Brown, B.S., M.S.W. B.S., Rosemont College M.S.W., Marywood College	<i>Associate Faculty in Sociology and Criminology</i>		
Zachary Brown, B.A., M.A. B.A., M.A., West Chester University	<i>Lecturer in Philosophy</i>		

Sister Carol Anne Couchara, IHM, B.A., M.Ed., Ed.D. B.A., Immaculata College M.Ed., West Chester University Ed.D., Lehigh University	<i>Professor of Education</i>	Sister Kathleen C. Doult, IHM, B.Mus., M.Ed., D.M.A. B.Mus., Immaculata College M.Ed., West Chester University D.M.A., Temple University	<i>Professor of Music</i>
Sister Susan J. Cronin, IHM, B.A., M.S., Ph.D. B.A., Immaculata College M.S., Villanova University Ph.D., Catholic University of America	<i>Professor of Biology</i>	Sister M. Laura Teresa Downing, IHM, B.A., M.A., M.T.S., S.T.L. B.A., Immaculata University M.A., Charles Borromeo Seminary M.T.S., S.T.L., Boston College	<i>Instructor in Theology</i>
Steven Crosby, CSI	<i>Lecturer in Criminology</i>	John Dragonetti, B.A., M.Mus. B.A., St. Joseph's University M.Mus., Combs College of Music	<i>Affiliate in Music</i>
Maria Cuddy-Casey, B.A., M.A., Ph.D. B.A., Temple University M.A., Ph.D., Nova Southeastern University	<i>Professor of Psychology</i>	Robert J. Duffy, B.A., M.A. B.A., Villanova University M.A., San Diego State University	<i>Lecturer in English/ Communications</i>
Sister Agnes M. Cummings, IHM, B.A., B.S., M.S.N., R.N., Ph.D. B.A., Immaculata University B.S., West Chester University M.S.N., Drexel University Ph.D., Catholic University of America R.N., Brandywine School of Nursing	<i>Assistant Professor of Nursing</i>	Janet Etzi, B.A., M.A., Psy.D. B.A., M.A., Duquesne University Psy.D., Widener (Hahnemann) University Licensed Psychologist, Commonwealth of Pennsylvania	<i>Professor of Psychology</i>
Robert Curran, B.S., M.A. B.S., Pennsylvania State University M.A., Cabrini College	<i>Lecturer in Mathematics</i>	Elizabeth Faunce, B.A., M.B.A., Ph.D., C.F.P. B.A., Immaculata College M.B.A., Allentown College of Saint Francis de Sales Ph.D., Capella University	<i>Associate Professor of Economics &amp; Finance</i>
Sister Regina Mauricia DeFeo, IHM, B.A., M.A.T.M. B.A., Immaculata College M.A.T.M., Villanova University	<i>Lecturer in Mathematics</i>	Dolores Ferraro, B.Mus., M.Mus. B.Mus., M.Mus, Combs College of Music	<i>Affiliate in Music</i>
Diane Devanney, A.B., M.A., M.Ed., J.D. A.B., Immaculata College M.A., West Chester University M.Ed., Cabrini College J.D., Widener University School of Law	<i>Lecturer in Mathematics</i>	Delbert Ferster, B.S., M.S., Ed.D. B.A., Lock Haven University M.S., Philadelphia University Ed.D., Immaculata University	<i>Associate Faculty in Mathematics</i>
Vincent P. DiFabio, B.A., J.D. B.A., Villanova University J.D., Villanova University School of Law	<i>Lecturer in Criminology</i>	Charlene Y. Fitzwater, B.S., M.B.A., Ph.D. B.S., George Peabody College of Vanderbilt University M.B.A., University of Kansas Ph.D., Capella University	<i>Professor of Business &amp; Finance</i>
Laurie DiRosa, B.S., M.S., Ed.D. B.S., Ursinus College M.S., American University Ed.D., Wilmington University	<i>Assistant Professor of Exercise Science</i>	Sean Flannery, B.A., M.A., Ph.D. B.A., Wilkes University M.A., Villanova University Ph.D., Lehigh University	<i>Professor of English</i>
Francien Chenoweth Dorlaie, B.A., B.S., M.A., M.A., Psy.D. B.A., B.S., M.A., East Stroudsburg University M.A., Psy.D., Immaculata University	<i>Professor of Psychology</i>	Detective Glenn Fowler, B.S., M.S. B.S., Rutgers University M.S., Wilmington University	<i>Lecturer in Criminology</i>
		Sheila Fox, B.A., M.S.W., L.C.S.W. B.A., M.S.W., Temple University L.C.S.W., Licensed Clinical Social Worker, Commonwealth of Pennsylvania	<i>Lecturer in Sociology/ Social Work</i>

Robert Frazier, B.Mus.Ed., M.Mus., D.M.A. B.Mus, Ed., Gordon College M.Mus., University of Maine D.M.A., Boston University	<i>Affiliate in Music</i>	Christopher Harrington, B.S., M.Ed., Ed.D. B.S., Millersville University M.Ed., Kutztown University Ed.D., Immaculata University	<i>Assistant Professor of Education</i>
Barbara M. Gallagher, B.S., M.Ed. B.S., M.Ed., West Chester University	<i>Assistant Professor of Physical Education</i>	Paul Harris, B.A., M.A. B.A., University of Hertfordshire M.A. University of Essex	<i>Lecturer in Philosophy</i>
Christine Gallagher, B.Mus., M.A.M.T., MT-BC B.Mus., M.A.M.T., Immaculata University Certification Board for Music Therapists MT-BC	<i>Affiliate in Music Therapy</i>	Frank Hartleroad, B.A., M.A. B.A., Villanova University M.A., University of Pennsylvania	<i>Assistant Professor of Sociology</i>
Joseph Gehring, B.S., M.M. B.S., M.M., West Chester University	<i>Instructor in Music</i>	Joseph P. Healey, B.A., M.A., Ph.L. B.A., Stonehill College M.A., Ottawa University Ph.L., St. Paul's University	<i>Associate Professor of Philosophy</i>
Kelly George, B.A., M.A., Ph.D. B.A., Rutgers University M.A., Emerson College Ph.D., Temple University	<i>Assistant Professor of Communication</i>	Sister Ann M. Heath, IHM, B.A., M.A., Ph.D B.A., Immaculata College M.A., Villanova University Ph.D., Bryn Mawr College	<i>Associate Professor of Mathematics</i>
Superintendent Anthony J. Giaimo III, B.A., M.S. B.A., Temple University M.S., Mountain State University	<i>Lecturer in Criminology</i>	Sister Mary Henrich, IHM, B.A., M.A., M.A. B.A., Immaculata University M.A., Villanova University M.A., Creighton University	<i>Vice President for Mission and Ministry Assistant Professor of Theology</i>
Chanda Gilmore, B.A., M.S. B.A., Hood College M.S., Syracuse University	<i>Assistant Professor of Communication</i>	Michael J. Hermansen, B.S. B.S., Immaculata University	<i>Lecturer in Computer Science</i>
Daniel Ginsberg, B.S., Ph.D. B.S., Ph.D., Stanford University	<i>Associate Professor of Biology</i>	Sergeant George Hill, B.S., M.S. B.S., M.S., Wilmington University	<i>Lecturer in Criminology</i>
Lisa Glah-Donahue, B.A., M.A. B.A., West Chester University M.A., Temple University	<i>Lecturer in Sociology and Anthropology</i>	John Hill, B.A., M.A., Ph.D. B.A., M.A., University of Washington Ph.D., Brandeis University	<i>Professor of History</i>
Sister Elaine Marie Glanz, IHM, B.A., M.A., Ph.D. B.A., Immaculata College B.A., Rowan University M.A., Villanova University Ph.D., Lehigh University	<i>Professor of English</i>	Ashley Higgins, B.S., M.S., M.S., Psy.D. B.S., Ursinus College M.S., Villanova University M.S., Psy.D., Philadelphia College of Osteopathic Medicine	<i>Assistant Professor of Psychology</i>
Joseph Gnias, B.S., M.B.A. B.S., University of Scranton M.B.A., St. Joseph's University	<i>Lecturer in Accounting</i>	Carol Hirko, B.A., M.S., Ph.D. B.A., West Chester University M.S., Ph.D., Capella University	<i>Lecturer in Sociology</i>
Diane S. Grimes, B.S., M.A., M.F.A. B.S., Moore College of Art M.A., The University of the Arts M.F.A., Marywood University	<i>Professor of Art</i>	Margaret Holland, B.Mus., M.B.A. B.Mus., M.B.A., Temple University	<i>Affiliate in Music</i>
David Hall, B.S., M.A., M.M. B.S., Austin Peay University M.A., Eastern New Mexico University M.M., Temple University	<i>Affiliate in Music</i>	Eileen Hotte, B.A., M.S., Ph.D., CHP B.A., Emmanuel College M.S., Ph.D., Rutgers University C.H.P., Diplomate, American Board of Health Physics	<i>Associate Faculty in Mathematics</i>

Elie Hsaio, B.S., M.A. B.S., University of California, Los Angeles M.A., Johns Hopkins University	<i>Associate Faculty in Biology</i>	Melanie J. Kisthardt, B.A., M.A., Ph.D. B.A., Shippensburg University M.A., Ph.D., Temple University	<i>Professor of English</i>
Pamela Hudson, B.S.N, M.S.N./M.B.A., Ph.D. B.S.N., Immaculata University M.S.N./M.B.A., Widener University Ph.D., Case Western Reserve	<i>Assistant Professor of Nursing</i>	James F. Konieczny, B.S., M.S. B.S., M.S., Saint Joseph's University	<i>Lecturer in Criminology</i>
David Hunt, B.B.S., M.A. B.B.S., M.A., Hardin-Simmons University	<i>Instructor in Psychology</i>	Dawn K. Kriebel, B.A., Ph.D. B.A., West Chester University Ph.D., University of Maryland	<i>Professor of Psychology</i>
Vincent Iannone, B.Mus., M.M., M.Mus. B.Mus., Philadelphia College of Performing Arts M.M., West Chester University M.Mus., New England Conservatory of Music	<i>Lecturer in Music</i>	Danielle Kronmuller, B.S, M.A., R.D., L.D.N. B.S., M.A., Immaculata University	<i>Director of Dietetic Internship</i>
Ellen Jackson, B.A., M.A. B.A., College of Mount Saint Vincent M.A., Manhattan College	<i>Lecturer in Mathematics</i>	Leslie Kubera, B.S., M.S., R.D., L.D.N. B.S., Pennsylvania State University M.S., Immaculata University R.D., The American Dietetic Association L.D.N., Commonwealth of Pennsylvania	<i>Lecturer in Foods and Nutrition</i>
Janice Jacobs, B.A., M.S., Ph.D. B.A., Temple University M.S., Villanova University Ph.D., Temple University	<i>Professor of Organization Leadership</i>	Louis Kegelmann, B.S., M.E. B.S., Pennsylvania State University M.B.A., Auburn University	<i>Affiliate in Music</i>
Sister Paula Regina Jameson, IHM, B.A., B.S.N., M.S.N., Ph.D., R.N. B.S.N., Neumann College M.S.N., Neumann College Ph.D., Widener University	<i>Assistant Professor of Nursing</i>	Laura LaBuda, B.A., B.S., M.S., M.B.A. B.A., B.S., West Chester University M.S., Villanova University M.B.A., Pennsylvania State University	<i>Lecturer in Business</i>
Edward B. Jenny, B.A., M.Ed., Psy.D. B.A., University of Pennsylvania M.Ed., University of Delaware Psy.D., Immaculata University Licensed Professional Counselor, Commonwealth of Pennsylvania Certified Secondary Level Guidance Counselor, State of Maryland Certified Secondary Level Guidance Counselor, Commonwealth of Pennsylvania National Certified Counselor, (NBCC)	<i>Professor of Psychology</i>	Kathleen Byrnes Lawler, B.S., B.S.N., M.S.N., R.N., CRNP, Ed.D. B.S., St. Joseph's University B.S.N., Eastern College M.S.N., Temple University Ed.D., Widener University Certified Registered Nurse Practitioner, Commonwealth of Pennsylvania	<i>Professor of Nursing</i>
Quan Jia, B.S., M.S., Ph.D., RD, LDM B.S., Shanxi Teachers University M.S., Beijing Normal University Ph.D., Texas A&M University	<i>Assistant Professor of Nutrition</i>	Marilyn Lawrence, B.A., M.A. B.A., Pennsylvania State University M.A., West Chester University	<i>Lecturer in Philosophy</i>
Mary Elizabeth Jones, B.A., M.A., Ph.D. B.A., Immaculata University M.A., Villanova University Ph.D., Drexel University	<i>Professor of Mathematics and Computing</i>	Terrance Lewis, CSI	<i>Lecturer in Criminology</i>
Erin Kirschmann, B.A., Ph.D. B.A., Elizabethtown College Ph.D., University of Pittsburgh	<i>Assistant Professor of Psychology</i>	Charles Lohse, B.A., M.Ed B.A., Franklin & Marshall College M.Ed., Temple University	<i>Lecturer in Mathematics</i>
		Carole Lorup, B.S.N., M.S.N., RN B.S.N., Widener University M.S.N., Walden University	<i>Instructor in Nursing</i>
		Jacqueline Macri, B.A., MAMT, MT-BC B.A., Lafayette College M.A. Immaculata University Certification Board for Music Therapists MT-BC	<i>Affiliate in Music Therapy</i>

Patricia Madeira, B.A., M.Ed., Ph.D. B.A., Arcadia University M.Ed., Ph.D., Temple University	<i>Associate Professor of Education</i>	Eric B. Miller, B.A., M.Ed., Ph.D., MT-BC B.A. Antioch College M.Ed., Antioch Graduate School Ph.D., LaSalle University Ph.D., Bryn Mawr College Certification Board for Music Therapists MT-BC Licensed Professional Counselor, Commonwealth of Pennsylvania Licensed Mental Health Counselor, Commonwealth of Massachusetts	<i>Lecturer in Music Therapy</i>
Raymond Mallari, B.Mus., M.Mus. B.Mus., M.Mus., West Chester University	<i>Affiliate in Music</i>		
David Emil Martinson, B.A., M.Ed., Ph.D. B.A., Bob Jones University M.Ed., University of South Carolina Ph.D., University of South Carolina	<i>Associate Professor of Psychology</i>		
George Matwijec, M.Ed. M.Ed., Holy Family College Licentiate, Pontificia Università Gregoriana	<i>Lecturer in Philosophy</i>	Sister Denise M. Mollica, IHM, B.S., M.S., C.F.C.S. B.S., Immaculata College M.S., Drexel University Certified in Family and Consumer Sciences, (AFCSA)	<i>Assistant Professor of Family &amp; Consumer Sciences</i>
Ann Marie McCauley, B.S., M.S., D.H.Ed., R.N. B.S., Lebanon Valley College M.S., Pennsylvania State University D.H.Ed., A.T. Still University	<i>Assistant Professor of Allied Health</i>	Michele J. Monaco, B.S., M.S., D.Sc. B.S., Lock Haven University M.S., St. Thomas University D.Sc., Rocky Mountain University	<i>Associate Professor of Exercise Science</i>
Sister Margaret McDonald, IHM, B.A., M.A., S.T.L., S.T.D. B.A., Immaculata College M.A., St. Charles Seminary S.T.L., S.T.D., Catholic University of America	<i>Professor of Theology</i>	Justin Moore, B.M., M.M. B.M. Louisiana State University M.M. Temple University	<i>Affiliate in Music</i>
		Dorina Morrow, B.Mus. B.Mus., Temple University	<i>Affiliate in Music</i>
James McMullen, B.A., J.D. B.A., Mount St. Mary University J.D., Widener University School of Law	<i>Lecturer in Criminology</i>	Magaret Mosese, B.S., M.B.A., R.D., L.D.N. B.S., Drexel University M.B.A., Saint Joseph's University R.D., The American Dietetic Association L.D.N., Commonwealth of Pennsylvania	<i>Lecturer in Foods and Nutrition</i>
Warden D. Edward McFadden, B.S., M.A. B.S., West Chester University M.A., Temple University	<i>Lecturer in Criminology</i>		
Mark McFadden, B.S., M.S., Ed.D. B.S., DeSales University M.S., Villanova University Ed.D., Immaculata University	<i>Assistant Professor of Business</i>	Bryan J. Muller, B.M.T., M.M.T., Ph.D., MT-BC B.M.T., Molloy College M.M.T., Temple University Ph.D., Temple University Certification Board for Music Therapists MT-BC Fellow of the Association for Music and Imagery Licensed Professional Counsellor, Commonwealth of Pennsylvania	<i>Affiliate in Music Therapy</i>
Marie McGrath, B.A., M.Ed., Ph.D. B.A., Villanova University M.Ed., Ph.D., Temple University Licensed Psychologist, Commonwealth of Pennsylvania	<i>Professor of Psychology</i>		
Laurie Meehan, B.A., M.S. B.A., LaSalle University M.S., Drexel University	<i>Lecturer in Mathematics</i>	Sister Rose Bernadette Mulligan, IHM, B.A., M.S., Ph.D. B.A., Immaculata College M.S., Ph.D., Drexel University	<i>Associate Professor of Chemistry</i>
Stephen Miles, B.A., M.T.S., Ph.D. B.A., Bucknell University M.T.S., Duke University Ph.D., Boston College	<i>Associate Professor of Theology</i>	James Murray, B.S., M.S., Ph.D. B.S., M.S., Ph.D., Drexel University	<i>Professor of Chemistry</i>
Deneen Miller, B.A., M.S., Ph.D. B.A., University of Notre Dame, Maryland M.S., Johns Hopkins University Ph.D., College of William and Mary	<i>Assistant Professor of Psychology</i>	Marie José Napier, M.A. M.A., Institut des Hautes Etudes d'Interpretariat and Cultures et de Traductions, Université de Paris, Rome	<i>Lecturer in Global Languages</i>
		Paula Nelson, B.A., M.M., D.M.A. B.A., University of Maryland M.M., D.M.A., University of North Texas	<i>Affiliate in Music</i>

Hillar Neumann, B.A., M.A., Ph.D. B.A., Fairleigh Dickinson University M.A., University of New Hampshire Ph.D., Rutgers University	<i>Lecturer in Business and Economics</i>	Joseph W. T. Pugh, B.S., M.A., M.B.A., D.M. B.S., Drexel University M.A., Webster University M.B.A., Averett College D.M., University of Phoenix	<i>Professor of Business</i>
Sandra Nolan, B.S.N., M.S.N., M.S., RN B.S.N., University of Delaware M.S.N., M.S., Wilmington University	<i>Instructor in Nursing</i>	Eileen A. Raffaele, B.A., M.B.A., C.P.A. B.S., West Chester University M.B.A., St. Joseph's University C.P.A., Certified Public Accountant	<i>Instructor in Accounting &amp; Finance</i>
Corey Olver, B. Mus., MAMT, MT-BC B.Mus., Ithaca College MAMT, Immaculata University Certification Board for Music Therapists MT-BC	<i>Instructor in Music Therapy</i>	James Ragghianti, B.A., M.S. B.A., The University of Pennsylvania M.S., Lehigh University	<i>Lecturer in Biology</i>
Kelly A. Orlando, B.S., Ph.D. B.S., Villanova University Ph.D., University of Pennsylvania	<i>Associate Professor of Biology</i>	Julie Ryan, B.S., M.B.A., M.A., Ph.D. B.S., University of California M.B.A., St. Mary's College M.A., Temple University Ph.D., Graduate School of America	<i>Lecturer in Business and Economics</i>
David Lee Larkyn, B.A., M.Div., Ph.D. B.A., Ph.D., Boston College M.Div., Gordon-Conwell Theological Seminary	<i>Associate Faculty in Higher Education</i>	Michelle Sanchez, B.A., M.P.H., M.S.W. B.A., Rosemont College M.P.H., University of Pennsylvania School of Medicine M.S.W., University of Pennsylvania	<i>Lecturer in Sociology/ Social Work</i>
Sister Judith Kathryn Parsons, IHM, B.A., M.A., Ph.D. B.A., Immaculata University B.A., St. Joseph's University M.A., Ph.D., Duquesne University	<i>Associate Professor of Philosophy</i>	Sister Alice Schaebler, IHM, B.A., M.S.L.S. B.A., Immaculata University M.S.L.S., Villanova University	<i>Associate Professor, Reference Librarian</i>
Julie Peila, B.S., M.B.A. B.S., University of Maryland M.B.A., Villanova University	<i>Lecturer in Business and Economics</i>	Wendy B. Scheirer, B.F.A. B.F.A., Beaver College	<i>Lecturer in Art</i>
Sister Annette M. Pelletier, IHM, B.A., M.A., Ph.D. B.A., Immaculata University M.A., Ph.D., Catholic University	<i>Assistant Professor of Theology</i>	Nathan M. Schenker, B.A., J.D. B.A., University of Virginia J.D., College of William and Mary	<i>Lecturer in Criminology</i>
David Lee Parkyn, B.A., M.Div., Ph.D. B.A., Messiah College M.Div., Gordon-Conwell Theological Seminar Ph.D., Boston College	<i>Associate Faculty in Higher Education</i>	Peggy Schooling, B.S., M.S., Ed.D. B.S., Bloomsburg State University M.S., Bloomsburg State University Ed.D., Immaculata University	<i>Associate Professor of Education</i>
Marisa N. Pereyra, B.A., M.A., Ph.D. B.A., National Institute of Teaching of Rosario M.A., University of Illinois Ph.D., Temple University	<i>Professor of Global Languages and Cultures</i>	Laurie Schrecengost, B.S., B.S.M., M.M. B.S., Summit University B.S.M. Summit University M.M. SUNY Binghamton	<i>Affiliate in Music Therapy</i>
Brian Petersen, B.A., M.A. B.A., M.A., Immaculata University	<i>Lecturer in Business</i>	Michael Schutz, B.S., M.S. B.S., Gannon University M.S., Drexel University	<i>Associate Faculty in Mathematics</i>
Carl R. Pratt, Jr., B.S., Ph.D. B.S., Muhlenberg College Ph.D., Syracuse University	<i>Professor of Biology</i>	George Schwartz, B.A., M.S., M.S.S., Ed.D. B.A., Mansfield University of Pennsylvania M.S., Villanova University M.S.S., US Army War College Ed.D., Immaculata University	<i>Assistant Professor of Business</i>

Denise Shelmerdine, B.S.N., M.S.N., R.N., P.C.C.N., C.C.R.N. B.S.N., Neumann College M.S.N., Cappel University	<i>Associate Faculty in Nursing</i>	Jane Hsiao-Chen Tang, B.S.N., M.S.N., Ph.D. B.S.N., Midland Lutheran College M.S.N., Ph.D., University of Iowa	<i>Professor of Nursing</i>
Jean Shingle, B.A., M.A., Ph.D. B.A. Immaculata College M.A., Ph.D. Princeton University	<i>Dean, College of Undergraduate Studies Professor of Biology</i>	Charles N. Tannery, B.A., M.Ed. B.A., Susquehanna University M.Ed., Lehigh University	<i>Lecturer in English/Communication</i>
Jeffrey L. Short, B.A., M.A., Ph.D. B.A., Ursinus College M.A., Ph.D., SUNY Binghamton	<i>Lecturer in History</i>	Cristina Tansey, B.S.N., M.S.N., R.N.C B.S.N., Villanova University M.S.N., Immaculata University	<i>Instructor in Nursing</i>
Eileen M. Shuter, B.S., M.B.A. B.S., West Virginia University M.B.A., Saint Joseph's University	<i>Lecturer in Computer Science</i>	Shannon Fitzpatrick Thomas, B.A., M.A. B.A., Clarion University M.A., Immaculata University	<i>Lecturer in Social Work/Sociology</i>
Sister Monica Therese Sicilia, IHM, B.A., M.A., M.S. B.A., M.A., Immaculata University M.S., Philadelphia University	<i>Instructor in Information and Digital Systems</i>	Maria Toth, B.S.N., M.S.N., Ed.D., RN B.S.N., LaSalle University M.S.N., Ed.D., Widener University	<i>Assistant Professor of Nursing</i>
Celina Siwula, B.S.N., M.Ed., M.S.N., RN, CLNC B.S.N., M.S.N., Immaculata University M.Ed., Eastern University	<i>Instructor in Nursing</i>	Rachel Vannatta, B.A., M.S.Ed., Ph.D. B.A., Northwestern University M.S.Ed., Southern Illinois University – Carbondale Ph.D., George Washington University	<i>Assistant Professor of Psychology</i>
Patricia Skahan, B.S., M.S., R.D., L.D.N. B.S., Immaculata University M.S., Saint Joseph's University R.D., The American Dietetic Association L.D.N., Commonwealth of Pennsylvania	<i>Lecturer in Foods and Nutrition</i>	Catrina Vitagliano, B.A., M.A., Psy.D. B.A., M.A., Psy.D., LaSalle University	<i>Assistant Professor of Psychology</i>
Janet A. Spaulding, B.A., M.A. B.A., LaSalle University M.A., Rosemont College	<i>Lecturer in English/Communications</i>	William Wagner, B.S., M.S., Ph.D. B.S., M.S., Ph.D., Lehigh University	<i>Associate Professor of Natural &amp; Computational Sciences</i>
Kelly A. Stalker, B.S., M.Ed., Ed.D., ATC B.S., Ursinus College M.Ed., Bowling Green State University Ed.D., Widener University Licensed Athletic Trainer, Commonwealth of Pennsylvania Certified Athletic Trainer (NATA)	<i>Professor of Exercise Science</i>	William E. Watson, B.A., M.A., Ph.D. B.A., Eastern College M.A., Ph.D., University of Pennsylvania	<i>Professor of History</i>
Tracy Stinchfield, B.S., M.S., Ed.D., NCC B.S., University of Pittsburgh M.S., Shippensburg University Ed.D., Duquesne University National Certified Counselor	<i>Associate Professor of Psychology</i>	E. Robert Weaver, B.S., M.B.A. B.S., Lebanon Valley College M.B.A., Pennsylvania State University	<i>Lecturer in Computer Science</i>
Lisa Stroud, B.A., M.A. B.A., Villanova University M.A., Pennsylvania State University	<i>Lecturer in Marketing</i>	Joshua Weikert, B.A., M.A., Ph.D. B.A., West Chester University M.A., Villanova University Ph.D., Temple University	<i>Assistant Professor in Politics</i>
Robert Swift, B.Met.Eng., M.S., Ph.D. B.Met. Eng., Polytechnic Institute of Brooklyn M.S., Drexel Institute of Technology Ph.D., Drexel University	<i>Lecturer in Mathematics</i>	Jane Wilson, B.S., M.A. B.S., University of Scranton M.A., Immaculata University Meghan Woodard, B.Mus., M.Mus., D.M.A. B.Mus., Ithaca College M.Mus., University of Iowa D.M.A., Temple University	<i>Lecturer in Mathematics  Affiliate in Music</i>
		Michael Wroblewski, B.S. B.S., Drexel University	<i>Lecturer in Computer Science</i>

Suzanne Wurster, B.S.N., M.S.N., R.N.-B.C., CCIT *Instructor*  
B.S.N., M.S.N., Drexel University *in Nursing*

George S. Yacoubian, B.A., M.S., Ph.D., J.D. *Lecturer in*  
B.A., Ursinus College *Criminology*  
M.S., St. Joseph University  
Ph.D., Madison University  
J.D. Rutgers University School of Law

Jed A. Yalof, B.A., M.A., Psy.D., A.B.P.P. *Professor of Psychology*  
B.A., State University of New York at Albany  
M.A., Southern Connecticut State College  
Psy.D., Illinois School of Professional Psychology  
Licensed Psychologist, Commonwealth of Pennsylvania  
Certified School Psychologist, Commonwealth of Pennsylvania  
Diplomate in Clinical Psychology, American Board of  
Professional Psychologists

Jaingyue Zhang, B.S., M.A., Ph.D. *Associate Professor of*  
B.S., University of Science and Technology Beijing *Chemistry*  
M.A., Ph.D., Temple University

# Communication with the University

## Address mail to:

Immaculata University  
Immaculata, PA 19345-0901

## Packages should be addressed to:

Immaculata University  
1145 King Road  
Immaculata, PA 19345

**General University FAX:** 610-251-1668

**College of Adult Professional Studies FAX:** 484-323-3904

**College of Graduate Studies FAX:** 610-993-8550

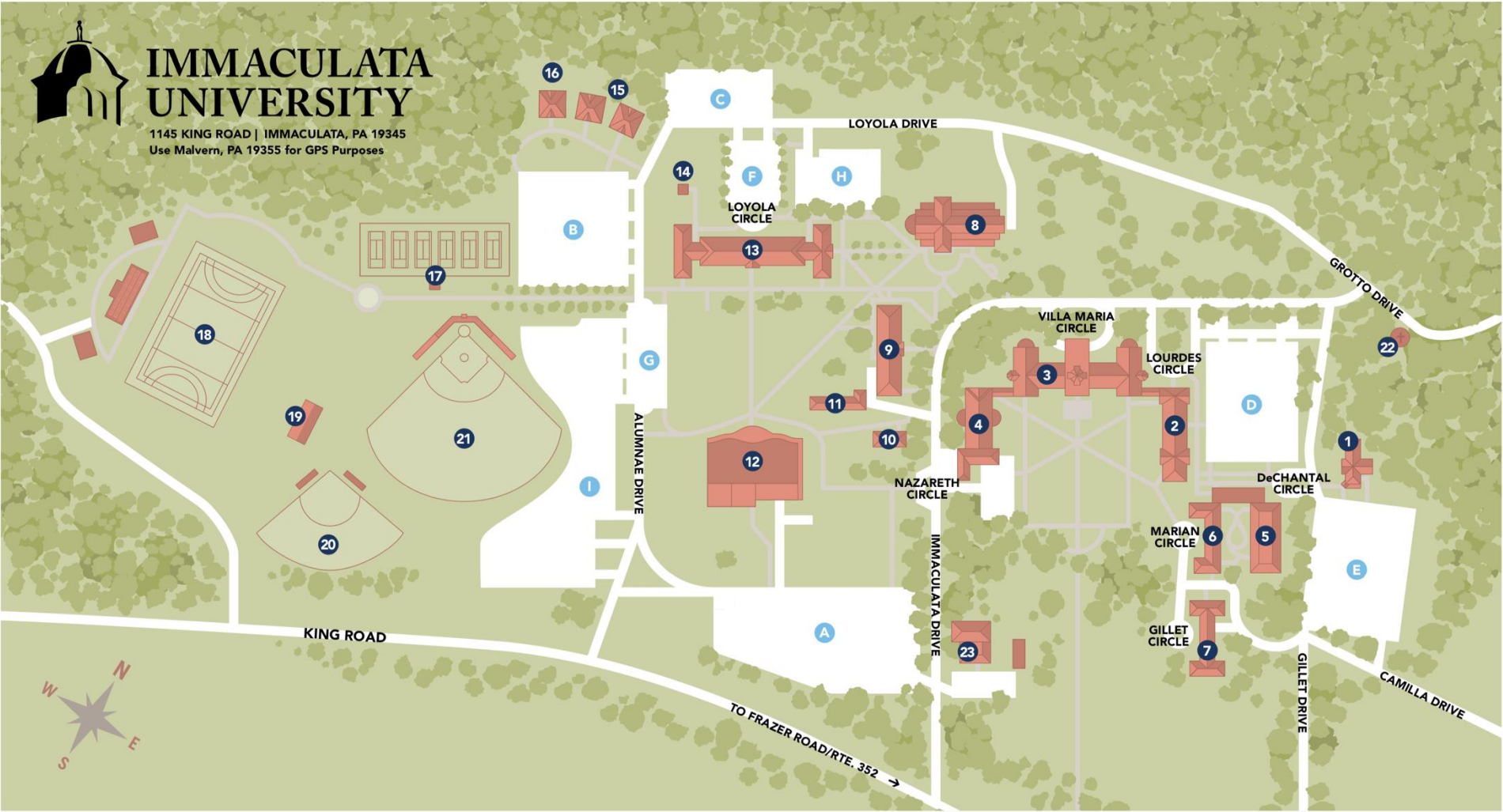
**Internet Address:** <http://www.immaculata.edu>

**Main Telephone:** 610-647-4400

Admissions – College of Undergraduate Studies.....	Ext. 3060 or 1-877-42-TODAY
Admissions – College of Adult Professional Studies.....	Ext. 3524 or 484-323-3524
Admissions – College of Graduate Studies .....	Ext. 3215
Alumni Affairs.....	Ext. 3136 or 484-323-3939
Athletics Office.....	Ext. 3735 or 484-323-3735
Bookstore.....	Ext. 3090 or 484 323-3910
Business Office.....	Ext. 3174
Campus Ministry.....	Ext. 3573 or 484-323-3573
Career and Professional Development.....	Ext. 3501 or 484-323-3501
College of Graduate Studies.....	Ext. 3211 or 484-323-3211
College of Adult Professional Studies .....	Ext. 3238 or 484-323-3238
Dean, Academic Affairs.....	Ext. 3033 or 484-323-3033
Dean, College of Graduate Studies.....	Ext. 3220 or 484-323-3220
Dean, College of Adult Professional Studies.....	Ext. 3239 or 484-323-3239
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Vice President for Academic Affairs & Provost.....	Ext. 3185 or 484-323-3185
Vice President for Finance and Administration.....	Ext. 3054 or 484-323-3054
Vice President for Enrollment Management.....	Ext. 3028 or 484-323-3028
Vice President for Mission and Ministry.....	Ext. 3434 or 484-323-3434
Vice President for Student Development & Engagement/Dean of Students.....	Ext. 3111 or 484-323-3950
Vice President for University Advancement.....	Ext. 3134 or 484-323-3935

**School Closing/Snow Codes:** Day-871, Evening-2871, Graduate-868

# Campus Map



# Campus Map (Key)

**1. Lillian P. Lettiere Center (Admissions and Financial Aid)**

**2. Lourdes Hall** Campus Ministry, Campus Safety & Protection, Great Hall, Immaculata Room, Office of Technology Services (Help Desk)

**3. Villa Maria Hall** Blue Room, Business Office, Copy Center, Green Room, Human Resources, Memorial Hall, Music Hall, Registrar, Residence Halls, Academic Advisement (Undergrad)

**4. Nazareth Hall** Chapel Dining Hall (Main) Dining Room (Guest)

**5. DeChantal Residence Hall** Student Life Offices

**6. Marian Residence Hall**

**7. Gillet Hall** IHM Faculty Residence

**8. Gabriele Library** Career Development, CASTLE, Duffy's Cut Museum, ImmacuLatté Café, Learning Commons, Media Classroom, Writing Center

**9. Good Counsel Hall** Campus Bookstore, College of Adult Professional Studies Administrative Offices

**10. Mary A. Bruder Center** Counseling Services, Student Wellness Center

**11. Faculty Center**

**12. Alumnae Hall** Athletic Offices, Athletic Training Facility, Cue and Curtain Office, Fitness Center, Gymnasiums, Pool, Theater

**13. Loyola Hall** College of Graduate Studies Administrative Offices, Math Center, The Market at Loyola

**14. McIntyre Greenhouse**

**15. West Campus Housing**

**16. IHM Student Center**

**17. Tennis Courts**

**18. Draper Walsh Stadium**

**19. Mighty Macs Training Facility**

**20. Softball Field**

**21. Baseball Field**

**22. Lourdes Grotto**

**23. Power House**

## PARKING LOTS

**A.** Alumnae Hall General Parking, Freshmen

**B.** General Parking Area

**C.** General Parking Area

**D.** Lourdes Employee Parking Area; administration, faculty, employees and visitors. CAPS, graduate and commuter students ONLY may park in this lot between 4 and 11 PM weekdays.

**E.** Upper Classmen-Resident Students Parking Area

**F.** Faculty/Administration Parking Area

**G.** Faculty/Administration Parking Area

**H.** General Parking Area; no overnight parking

**I.** General Parking Area

