Mission Statement

Immaculata University is a Catholic, comprehensive, coeducational institution of higher education sponsored by the Sisters, Servants of the Immaculate Heart of Mary. Its programs, rooted in academic rigor, ethical integrity and Christian core values, encourage a commitment to lifelong learning and professional excellence. With belief in the dignity and potential of all men and women, Immaculata integrates its students in a community of service and empowers them to assume meaningful roles in a diverse and changing world. Contributing to the development of the whole person of any faith, Immaculata affirms liberal education as an integrative process in the formation of a truly educated person who is value-oriented and committed to truth, service, justice and peace.

Vision

In the IHM tradition, Immaculata will be a growing community of faith, learning and 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.
# Table of Contents

Calendar ............................................................................................................................................4
The University ......................................................................................................................................7
Student Development and Engagement ..........................................................................................12
Admission ........................................................................................................................................15
The College of Undergraduate Studies .........................................................................................15
The College of LifeLong Learning ...............................................................................................17
ACCEL®–Accelerated Degree Programs ......................................................................................17
Expenses and Financial Aid ........................................................................................................19
Academic Life ..................................................................................................................................28
Liberal Arts Core: Arts and Sciences ............................................................................................29
Liberal Arts Core: Professional Studies .......................................................................................29
Areas of Instruction ......................................................................................................................41
Art ....................................................................................................................................................43
Biology ............................................................................................................................................45
Business–Accounting–Economics ...............................................................................................49
Chemistry ........................................................................................................................................57
Education ........................................................................................................................................60
English/Communication ..............................................................................................................64
Fashion–Family and Consumer Sciences .....................................................................................69
Foreign Languages and Literatures ..............................................................................................71
Health Science and Services .........................................................................................................77
History–Political Science–International Relations .......................................................................81
Mathematics–Computing Science–Physics ..................................................................................87
Music ...............................................................................................................................................94
Nursing ..........................................................................................................................................101
Nutrition and Dietetics ................................................................................................................106
Philosophy ......................................................................................................................................108
Physical Education and Exercise Science .....................................................................................111
Psychology ......................................................................................................................................115
Sociology-Criminology ................................................................................................................119
Theology ........................................................................................................................................121
Administrative Organization .........................................................................................................124
Faculty ...........................................................................................................................................126
Campus Map ..................................................................................................................................134
Communication with the University ............................................................................................136
Traveling to Immaculata University ..............................................................................................137
Index .............................................................................................................................................138
## 2010-2011 Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 25</td>
<td>College of LifeLong Learning (CLL) – Orientation</td>
</tr>
<tr>
<td>August 27</td>
<td>College of Undergraduate Studies (CUS) Freshmen Arrive</td>
</tr>
<tr>
<td>August 30</td>
<td>CUS, CLL and College of Graduate Studies (CGS) Classes Begin</td>
</tr>
<tr>
<td>September 6</td>
<td>Labor Day – No Classes</td>
</tr>
<tr>
<td>September 26</td>
<td>Fall Honors Convocation</td>
</tr>
<tr>
<td>October 8</td>
<td>Fall Break</td>
</tr>
<tr>
<td>October 11</td>
<td>Classes Resume</td>
</tr>
<tr>
<td>November 15</td>
<td>Spring Registration – CUS and CLL</td>
</tr>
<tr>
<td>November 24-28</td>
<td>Thanksgiving Recess begins after Day Classes on 11/23 (no evening classes)</td>
</tr>
<tr>
<td>November 29</td>
<td>Classes Resume</td>
</tr>
<tr>
<td>December 8</td>
<td>University Feast Day – No Class</td>
</tr>
<tr>
<td>December 10</td>
<td>Carol Night</td>
</tr>
<tr>
<td>December 11-12</td>
<td>Reading Days</td>
</tr>
<tr>
<td>December 17</td>
<td>Final Class / End of Semester</td>
</tr>
<tr>
<td>January 6</td>
<td>CLL – Orientation</td>
</tr>
<tr>
<td>January 7</td>
<td>January Graduation</td>
</tr>
<tr>
<td>January 12</td>
<td>Transfer and New Student Orientation - CUS</td>
</tr>
<tr>
<td>January 13</td>
<td>Classes Begin – CUS/CLL/CGS</td>
</tr>
<tr>
<td>Feb. 28-Mar. 6</td>
<td>Spring Break</td>
</tr>
<tr>
<td>March 7</td>
<td>Classes Resume</td>
</tr>
<tr>
<td>March 14</td>
<td>Summer Registration – CLL</td>
</tr>
<tr>
<td>April 14</td>
<td>Fall Registration – CUS and CLL</td>
</tr>
<tr>
<td>April 21-25</td>
<td>Easter Recess</td>
</tr>
<tr>
<td>April 24</td>
<td>Easter Sunday</td>
</tr>
<tr>
<td>April 26</td>
<td>Classes Resume</td>
</tr>
<tr>
<td>May 2</td>
<td>Final Class - CGS</td>
</tr>
<tr>
<td>May 9</td>
<td>Final Class / End of Semester</td>
</tr>
<tr>
<td>May 15</td>
<td>Baccalaureate Mass</td>
</tr>
<tr>
<td>May 16</td>
<td>Commencement</td>
</tr>
<tr>
<td>May 16</td>
<td>Summer I</td>
</tr>
<tr>
<td>May 30</td>
<td>Memorial Day – Holiday</td>
</tr>
<tr>
<td>July 4</td>
<td>No Classes</td>
</tr>
<tr>
<td>July 5</td>
<td>Summer II</td>
</tr>
<tr>
<td>August 22</td>
<td>August Graduation</td>
</tr>
</tbody>
</table>
2011-2012 Calendar
Tentative

August 23  College of LifeLong Learning (CLL) – Orientation
August 26  College of Undergraduate Studies (CUS) — Freshmen Arrive
August 29  CUS, CLL and College of Graduate Studies (CGS) All Classes begin
September 5  Labor Day – No Classes
September 25  Fall Honors Convocation
October 7  Fall Break
October 10  Classes Resume
November 14  Spring Registration
November 23-27  Thanksgiving Recess begins after Day Classes on 11/23
November 28  Classes Resume
December 8  University Feast Day – No Class
December 9  Carol Night
December 10  Reading Day
December 16  End of Semester
December 17  Final Class – CLL
January 5  CLL Orientation
January 9  January Graduation
January 11  Transfer and New Student Orientation
January 12  Classes Begin
February 27-March 4  Spring Break
March 5  Classes Resume
March 14  Summer Registration - CLL
April 5-9  Easter Break
April 10  Classes Resume
April 16  Fall Registration – CUS and CLL
May 7  Final Class/End of Semester
May 20  Baccalaureate Mass
May 21  Commencement
May 21  Summer I
May 28  Memorial Day – Holiday

The Immaculata University 2011-2012 Calendar will be available during that year in the Office of the Vice President for Academic Affairs.
The University

Immaculata University consists of three colleges – the College of Undergraduate Studies, the College of LifeLong Learning, 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 LifeLong Learning 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 4,000 full- and part-time students in the College of Undergraduate Studies, the College of LifeLong Learning, 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

Over 100 priests, sisters, laymen, and laywomen make up the full-time faculty. An additional part-time faculty serves the College of Undergraduate Studies, the College of LifeLong Learning, 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 90 years, the campus of Immaculata has expanded to include 12 principal buildings and facilities for outdoor sports and recreation. Today the University’s physical plant represents a multimillion 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, post office, and various student facilities.

Adjoining the main building are Nazareth Hall (1914) and Lourdes Hall (1927), containing the Departments of Fashion-Family and Consumer Sciences and Nutrition and Dietetics, Counseling and Health Services, Graduate Psychology Department, chapel, and dining facilities, together with student residence areas and the Great Hall. Other residence halls are Marian Hall (1955) and DeChantal Hall (1967). DeChantal Hall terrace also houses the offices of Student Development & Engagement. Gillet Hall (1955) is the residence of the sister-faculty.

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 LifeLong Learning, Immaculata University bookstore, and a snack shop. Loyola Hall (1963), a science and arts building with its laboratories, amphitheaters, audio-visual center, computer center, and curriculum library, 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 new Draper Walsh Stadium, new softball field, new baseball field, as well as the new Mighty Macs Training Facility.

Gabriele Library (1993), a freestanding 52,500 square foot library, offers the latest advances in information technology and electronic access.
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 Executive Director 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 DeChantal Building.

HISTORY

The tradition of friendliness 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 more than 165 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)
• 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
2005 • Renewal of accreditation of Doctor of Psychology Program in Clinical Psychology by the American Psychological Association
• 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
2006 • 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
• 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
2007 • 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
2008 • 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)

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.
STUDENT DEVELOPMENT AND ENGAGEMENT

ATHLETICS

Immaculata University is a member of the National Collegiate Athletic Association (NCAA) Division III and the Colonial States Athletic Conference (CSAC). 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:

a) Places special importance on the impact of athletics on the participants rather than on the spectators and places greater emphasis on the internal constituency;  
b) Awards no athletically related financial aid to any student;  
c) Encourages the development of sportsmanship and positive societal attitudes in all constituents, including student-athletes, coaches, administrative personnel, and spectators;  
d) Encourages participation by maximizing the number and variety of athletics opportunities for their students;  
e) Assures that the actions of coaches and administrators exhibit fairness, openness and honesty in their relationships with student-athletes;  
f) 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 in good academic standing and show satisfactory progress toward a degree in accordance with Immaculata University standards for all students in order to be eligible to participate in intercollegiate athletics. The student must also be enrolled as a full-time student. (12 credits per semester minimum)

1. Good Academic Standing:

<table>
<thead>
<tr>
<th>Credits Attempted</th>
<th>Minimum GPA</th>
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<tbody>
<tr>
<td>0-24 credits</td>
<td>1.75</td>
</tr>
<tr>
<td>25-48 credits</td>
<td>1.80</td>
</tr>
<tr>
<td>49-60 credits</td>
<td>1.90</td>
</tr>
<tr>
<td>over 60 credits</td>
<td>2.00</td>
</tr>
</tbody>
</table>

2. Satisfactory Progress

Following this year  
A student must have

<table>
<thead>
<tr>
<th>Credits Attempted</th>
<th>Minimum GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>24 credits</td>
</tr>
<tr>
<td>2</td>
<td>48 credits</td>
</tr>
<tr>
<td>3</td>
<td>72 credits</td>
</tr>
<tr>
<td>4</td>
<td>96 credits</td>
</tr>
<tr>
<td>5</td>
<td>120 credits</td>
</tr>
</tbody>
</table>

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

3. Full-time Student

Full-time status at Immaculata University 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.

Class Absence for Athletic Competition

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

1. Understandings:

a. Student athletes are entitled to the same number of class absences as students who do not represent Immaculata University in intercollegiate athletics; however, knowing they may need to miss class 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 University in intercollegiate athletic competition provided they adhere to the following procedures.

2. 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 write 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.

1. Should the student athlete fail to satisfactorily complete the assignments, the instructor may lower the assignment grade accordingly.

2. 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 University 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 advance the mission and goals of the University through provision of a safe and secure environment conducive to learning and personal achievement.

The Safety and Protection Department operates on a 24 hour basis. All reasonable safety measures and precautions are undertaken to keep the Immaculata Community safe and secure. An electronic card access system provides security and convenience in student residence areas. Students may contact the Safety and Protection Department if they are having problems with their card or if the card is lost or stolen. The department further provides for escort services, upon request, and a motorist assist program whereby a Safety and Protection officer jump starts dead batteries and attempts entry into locked vehicles.

A Lost and Found service is also administered by the Safety and Protection Department, located in Room #2, terrace level of Lourdes Hall.

By signing up for e2Campus students will be able to receive important Immaculata University campus community alerts. These alerts are part of the University’s comprehensive emergency response protocol for rapid notification to students, faculty and staff about situations or events occurring on campus or its surrounding area. There are four basic situations for emergency alerts, when students should take immediate notice: security incidents, health alerts, severe weather, campus closing. There is a sign up link on the MyIU portal, under the Weather & Emergency channel.

Parking
Students taking three (3) credits or more on campus must obtain an Immaculata University parking permit. Presently the parking permit fee is $25 for an academic year. Students must register their vehicles at the Parking Permit office located at Nazareth #7. Students must provide a vehicle registration card to obtain a permit. Safety officers will ticket vehicles not properly registered and/or illegally parked. Outstanding parking fines are collected via administrative procedures and may include the usage of a wheel immobilizer or the vehicle may be towed. Students attending classes at an off-campus location must follow parking regulations as posted or announced by the host institution or facility.

ONE CARD
Registered students must obtain an identification card at the One Card office, located in Villa Maria Terrace, Room #7. This photo ID provides access to a variety of University services. A brochure of listed services is available at the One Card office and can be viewed on the One Card link under Students on the IU website and on the MyIU portal under the Student Tab.

Students appearing for an identification card must have a current student schedule, including their student ID number, and a second form of identification. Portfolios are registered in advance and require a second form of identification only. New students may obtain an ID at no charge. Lost, damaged, or replacement cards can be obtained for a fee. Hours of operation are posted on the web, portal, and outside the One Card office.

CAREER DEVELOPMENT
The Office of Career Development is committed to the mission and values of Immaculata University. The Office of Career 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. Career Development provides vocational guidance, education, and personal support. To carry out this mission, the office provides:

• Resources on self-awareness, career exploration, career decision-making, and implementation of a career plan;
• Assistance in developing the personal skills necessary to explore career-related goals and career satisfaction;
• Information on employers to provide job, internship, externship, volunteering, and networking opportunities.

Services are available to students, staff, and alumni of the Immaculata community. Services include: career counseling, vocational testing, mock interviews, resume preparation, interviewing skills, a collection of job and internship opportunities (in office and online), assistance in creating a personal credential file, and an updated career resource library to aid in the career exploration process. Career oriented workshops and events are a valuable part of one’s career education. Topics include: Resume Writing, Interviewing Preparation, Choosing a Major, How to Obtain an Internship, etc.

The Office of Career Development is located in the Bruder Center. Students are encouraged to set up an appointment by calling, 610-647-4400 extension 3501, or emailing dnassey@immaculata.edu or stopping by in person.

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, is 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 Student Association of Immaculata University (S.A.I.U.). In addition, a commuter and off-campus student lounge, known as the Commuter Corner, is located in the Open Door, Alumnae Hall. 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
Counseling Services is committed to student success by providing services which promote intellectual, emotional, social and spiritual development in a safe, supportive and confidential environment. Counseling Services recognizes that emotional health is an essential element in achieving one’s goals in college and beyond.

Counseling Services provides short-term counseling, limited psychiatric services, a relaxation room, and consultation for faculty, staff, students and parents who have concerns about a student’s mental health. Counselors advise I2U Peer Educators and Active Minds, which are student-run mental health awareness, education and advocacy groups on campus. Counseling Services is located in
the Bruder Center. Counseling Services offers day and evening appointments, and provide after hour coverage in collaboration with the Department of Campus Safety & Protection and Commuter and Residence Life staff.

Students are encouraged to call to set up an appointment at extension 3478. After-hours coverage is provided in collaboration with Safety and Protection and Student Life.

HEALTH SERVICES
Immaculata University’s Health Center exists to provide confidential quality health care at the onset of illness or injury, as well as the prevention and protection from disease. The Health Center strives to promote healthy behaviors and lifestyle choices through ongoing educational programming. The Health Center supports students in the pursuit of their academic goals and personal development. All full-time undergraduate students and graduate students who reside in University housing must complete physical, 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.

All students residing on campus must be covered by health insurance. Students will be automatically enrolled in and billed for the University plan at the beginning of each academic year. In order to avoid compulsory enrollment under the University plan, students covered by their parent’s/responsible party’s insurance must complete an Insurance Waiver Form indicating this coverage.

ORIENTATION
The purpose of New Student Orientation in the College of Undergraduate Studies at Immaculata University is to empower students with a sense of heritage, leadership, service, confidence, scholarship, and 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:

• To gain a sense of familiarity and comfort with the University through interaction with fellow classmates, faculty, staff and administration;
• To learn about the expectations of the University regarding academic responsibility, heritage, honesty, citizenship, community service, and leadership;
• To be exposed to all facets of campus life including academics, campus services, social and extra-curricular activities and to begin to find their place in the Immaculata University community;
• To be given the opportunity to meet advisors and register for fall classes;
• Family members are invited to the summer orientation days. They 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
• Developing students on all levels – intellectually, emotionally, spiritually, culturally, socially and physically – within a community committed to the mission of University;
• Facilitating a coordinated undergraduate student experience outside of the classroom, with services focused on the specific needs of resident students;
• Developing the community to include and integrate students in all three Colleges, faculty, staff, administration, and friends of the University;
• Educating students about community living and emphasizing the impact each person has on the community, and how this relates to their citizenship in the local, national, and global community.

STUDENT ACTIVITIES AND LEADERSHIP
The Office of Student Activities and Leadership 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, interpersonal relationships, leadership skills, and advocacy for one’s self and others.

Core Competencies
• Providing co-curricular learning opportunities to form connections between student experiences in the classroom and their lives in the community;
• Involving students in the design, implementation and participation in activities, events, and the heritage of the University;
• Supporting students in transition and in times of crisis while positively affirming their role in the community;
• Developing students on all levels – intellectually, emotionally, spiritually, culturally, socially, and physically – within a learning community committed to the mission of the University;
• Facilitating a coordinated undergraduate student experience outside of the classroom, with services focused on the specific needs of commuter and resident students;
• Developing 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.
ADMISSION

Immaculata University seeks to admit those students who are best qualified to profit from the distinctive educational opportunities which it offers. 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 welcomes applications from men and women who desire to enroll full-time;
• the College of LifeLong Learning welcomes applications from men and women who study on a full- or part-time basis.
Applications are processed without discrimination on the basis of race, national origin, religious belief, gender, or non-disqualifying disability. Each applicant is considered as an individual and consideration is given to special cases.

THE COLLEGE OF UNDERGRADUATE STUDIES

This program includes:
• Full-time students
• First-time freshmen or transfer students
• Students paying comprehensive tuition
• Students who may desire to live on campus

REQUIREMENTS FOR ADMISSION

• Graduation from an accredited high school or the equivalent
• Completion with satisfactory grades of 16 units of high 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 high school.
• Acceptable scores on the SAT test of The College Board or on the ACT from the American College Testing Service
• Submission of an essay with the application
• 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 should be made as early as possible after the completion of the junior year in high school or early in the senior year. The preferred application date is March 1st.
1. A completed application form. There is no application fee if a student applies online through www.immaculata.edu/admissions/apply. Immaculata University is also a member of The Common Application and students may apply for free online at www.commonapp.org.
2. An official copy of the high school transcript indicating rank in class, high school cumulative grade point average (GPA), and a list of senior year courses.
3. SAT or ACT test scores. All three scores from the SAT are required; therefore if a student takes the ACT, they must also take the writing component of the ACT.
4. Essay of 250 words. The essay topics are listed on the IU website under Admission Requirements or on The Common Application website at www.commonapp.org.
5. Two (2) letters of recommendation, one of which must be from a teacher or counselor.

The Admission Office strongly recommends that all applicants arrange for a campus visit. For appointments, email the Office of Admission at admis@immaculata.edu or call 1-877-42TODAY or (610) 647-4400, ext. 3060, between 8:00 a.m. and 5:00 p.m., 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/admissions/apply. Immaculata University is also a member of The Common Application and students may apply for free online at www.commonapp.org.
2. An official copy of the secondary school transcript with the documentation listed above. If an official transcript is unavailable from the high 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.
4. SAT or ACT test scores. All three scores from the SAT are required; therefore if a student takes the ACT, they must also take the writing component of the ACT.
5. Proof of graduation or GED.
6. A campus visit is strongly recommended.

EARLY ADMISSION

Secondary school students with exceptional records and test scores, recommended by their principals or their guidance counselors and with the approval of their principals and parents, may be admitted to Immaculata after completion of the junior year. For further information, contact the Office of Admission in the College of Undergraduate Studies.

Immaculata University will require an official high school transcript prior to orientation and registration for Immaculata classes.
ADVANCED PLACEMENT

Immaculata University participates in the Advanced Placement program of The College Board. A student may be exempted from courses in certain departments provided he/she can demonstrate to the department concerned that he/she 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 a score of 3 or higher are eligible for the appropriate number of college credits per test taken. In Calculus a score of 4 or higher is required. 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 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

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 Student Success Program. The program, which offers academic support for the first year, requires the student to visit regularly with the Manager of the Academic Success Program and participate in a one-credit study skills course. Some students are required to enroll in a limited course load of four (4) classes along with an Exercise Science course and the required First Year Experience (FYE) course.

READMISION 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, a nonrefundable fee of $35, 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.

INTERNATIONAL EDUCATIONAL INTERCHANGE

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.

Immaculata University also provides opportunities for qualified United States students to study abroad, learning about other cultures and languages and sharing their knowledge abroad.

INTERNATIONAL STUDENTS

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, 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.

International students hoping to transfer credits must provide original transcripts of academic credentials accompanied by the English translation and course by course evaluation from World Education Services (WES). Consideration and review will be given to transcripts reviewed by member agencies of the National Association of Credential Evaluation Services (NACES) as long as they are course by course.

International students should apply before March 1 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.

A completed application for admission includes:

- The Application Form with the required $35 fee;
- Records from all secondary and post-secondary institutions with English translations evaluated by WES, World Education Services;
- Test of English as a Foreign Language (TOEFL) score report or IELTS (can be in place of SAT or ACT);
- Immaculata or U.S. Certification Finances: Proof that sufficient funds are available for all expenses for the school year and vacation periods must be submitted. The signature of the person responsible for the payment is required. Immaculata does provide limited merit-based financial aid for international students;
- Certificate of Health and Insurance: Completion of the medical examination form and application for health insurance policy that includes repatriation and medical evacuation. A Certificate of Eligibility (I-20) will be issued upon acceptance to the University and the completion of these requirements;
- Enrollment Deposits and Fees:
  - Enrollment Deposit of $250 (refundable if requested in writing prior to May 1)
  - Room Reservation Deposit of $250 (refundable if requested in writing prior to May 1).

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. Normally, a maximum of 64 credits is transferable, thus enabling the student who holds an Associate Degree in a compatible liberal arts program to enter the college with junior status. Students whose cumulative grade point average is better than 2.0 on a 4.0 scale are encouraged to apply. Students’ credentials will be evaluated on an individual basis.

Application procedure:

- A completed application form. There is no application fee if a student applies online through www.immaculata.edu/admissions/apply. Immaculata University is also a member of The Common Application and students may apply for free online at 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;
- 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.

All materials listed above should be sent directly to the Office of Undergraduate Admission. Courses accepted in transfer from accredited institutions must have a grade of C or better.
COLLEGE OF LIFELONG LEARNING

The College of LifeLong Learning (CLL) 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 LifeLong Learning 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 LifeLong Learning 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.

Three methods of course delivery differentiate the programs offered:

- Traditional, semester-long courses;
- In classroom, accelerated degree completion programs;
- Fully online accelerated degree completion programs.

Most curricula for the traditional semester programs are the same as those in the College of Undergraduate Studies. CLL students who attend traditional day or evening classes on a part- or full-time basis are called CE students (CE for Continuing Education). Selection and completion of a CE degree or certificate program are the result of a CE student’s professional and personal goals. Students in an accelerated degree completion program, whether in-class or online, choose a major, enroll in a predetermined set of courses with specific begin and end times, and complete degree requirements in an accelerated time frame.

Students in these programs are classified as ACCEL® or Online students.

REQUIREMENTS FOR ADMISSION

The College of LifeLong Learning is open to any student who:

- is a graduate of an accredited high school or has achieved the equivalent status through GED certification;
- has the potential to meet the educational standards of the University;
- is a graduate of a National League of Nursing accredited diploma school or holds an associate degree in nursing and is a registered nurse, if applying for the B.S.N.

Admission Process for Degree, Certificate and Certification Programs

Applications to the College of LifeLong Learning include:

1. Completed and signed application form;
2. Official transcript from an accredited high school or the GED;
3. Official transcripts of previously attended colleges;
4. If graduated from high school within the past three years, applicant must submit scores on the Scholastic Aptitude Test (SAT) or on the American College Test (ACT).

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), or the Commission on Graduates of Foreign Nursing Schools. Consideration and review will be given to transcripts reviewed by member agencies of the National Association of Credential Evaluation Services (NACES) as long as they are course by course. More information is available in the Office of the College of LifeLong Learning.

Additional Requirements – ACCEL® Associate of Science

1. A $50 application fee;
2. A resume outlining a minimum of four years of work experience since high school.
3. An interview with a CLL counselor will include assessment of the applicant’s educational and professional background.

Additional Requirements – ACCEL® Bachelor of Arts Degree Completion Programs

1. A $50 application fee;
2. A resume outlining a minimum of four years of work experience since high school;
3. Official transcripts documenting approximately two years of undergraduate studies.

Additional Requirements – Online Degree Completion Programs

1. A $50 application fee;
2. A resume outlining a minimum of four years of work experience since high school;
3. Official transcripts documenting approximately two years of undergraduate study (three credits must be in English Composition). 

Additional Requirements – ACCEL® RN to BSN Program

1. A $50 application fee;
2. A copy of current RN licensure, verification of a physical examination, and current CPR certification;
3. Official transcripts indicating graduation from an NLNAC accredited diploma school or college of nursing.

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 department.

Additional Requirements – School Nurse Certification (Post-Baccalaureate)

Immaculata’s School Nurse Certification program is designed for students who hold a bachelor’s degree in nursing and who seek to practice holistic health care in a school setting.

Applicants for the School Nurse Certification program must:

1. Submit official transcripts indicating attainment of a Bachelor of Science in Nursing from a NLNAC or CCNE approved program and a copy of RN license;
2. Possess a cumulative grade point average of 3.0.

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 Non-Credit Workshops

Immaculata University offers a variety of 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 LifeLong Learning should follow the admission requirements as outlined above. CLL admission counselors are available to assist international students with admission requirements.

CLASSIFICATION

Students in the College of LifeLong Learning are classified as:

1. Matriculated students enrolled in a degree or certificate program;
2. Non-matriculated students enrolled in credit courses for:
   • enrichment
   • 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 such as Chemistry 021;
3. Post-baccalaureate students enrolled in:
   • education, school nurse, or music therapy certification;
   • post-baccalaureate program in science and allied health;
   • verification in dietetics.
EXPENSES, PAYMENT POLICY AND FINANCIAL AID — 2010-2012

Tuition and Fee Guidelines

Full-time College of Undergraduate Studies students are charged a comprehensive tuition based on the student’s admit year.

All College of Undergraduate part-time, College of LifeLong Learning, and College of Graduate Studies students are assessed tuition based on course registration.

Students will receive an initial term bill prior to the start of each term. Adjustments to course schedules after the initial billing will be reflected in students’ monthly statement available online at SSU.

College of Undergraduate Studies – CUS Students

Immaculata University offers a fixed comprehensive tuition rate based on admit year for full-time students in the College of Undergraduate Studies. The fixed tuition rate will remain constant for the four continuous year program (eight fall & spring semesters). If a student withdraws and then reapplies, the tuition rate will be assessed at the current year’s annual tuition rate. Full-time students taking more than 18 credits in a semester will be charged the current per credit rate for each additional credit in excess of 18 credits. Music lessons are assessed separately.

Fixed Tuition Rates

<table>
<thead>
<tr>
<th>Class year beginning</th>
<th>Tuition per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2010</td>
<td>$27,870</td>
</tr>
<tr>
<td>Fall 2009</td>
<td>$26,540</td>
</tr>
<tr>
<td>Fall 2008</td>
<td>$24,575</td>
</tr>
<tr>
<td>Fall 2007</td>
<td>$22,650</td>
</tr>
</tbody>
</table>

Room and Board Charges 2010-2011

<table>
<thead>
<tr>
<th>Type of Accommodation</th>
<th>Cost per Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triple</td>
<td>$5,220</td>
</tr>
<tr>
<td>Double</td>
<td>$6,160</td>
</tr>
<tr>
<td>Single</td>
<td>$8,070</td>
</tr>
<tr>
<td>19 meal plan-per week</td>
<td>$5,300</td>
</tr>
<tr>
<td>15 meal plan-per week</td>
<td>$4,660</td>
</tr>
<tr>
<td>10 meal plan-per week*</td>
<td>$3,550</td>
</tr>
<tr>
<td>7 meal plan-per term*</td>
<td>$2,630</td>
</tr>
</tbody>
</table>

*Only available to students living in the University apartments and commuter students.

Other Fees - CUS Students

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Cost per Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application fee</td>
<td>$35</td>
</tr>
<tr>
<td>New Student Orientation fee</td>
<td></td>
</tr>
<tr>
<td>(First-time students and Transfer students taking FYE)</td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td>$350</td>
</tr>
<tr>
<td>Spring</td>
<td>$175</td>
</tr>
<tr>
<td>(Transfer students not taking FYE)</td>
<td></td>
</tr>
<tr>
<td>Fall</td>
<td>$175</td>
</tr>
<tr>
<td>Spring</td>
<td>$85</td>
</tr>
</tbody>
</table>

Immaculata reserves the right to revise charges whenever it is considered to be appropriate by the University or by the Board of Trustees.

Mandatory Student Health Insurance

All students residing in University housing are required to have health insurance coverage. Students will be automatically enrolled in and billed for the University’s health insurance plan at the beginning of each academic year. To avoid compulsory enrollment under the University’s health insurance plan, students must complete an Insurance Waiver Form. For further information, please contact the Student Health Director at 610-647-4400, ext. 3500.

Enrollment and Reservation Deposits

Freshman and Transfer students entering the College of Undergraduate Studies are asked to reserve their place by submitting the following deposits:

- $250 all students. Once submitted, the Enrollment Deposit will be applied as payment towards the student account balance. The enrollment deposit is refundable only if requested in writing prior to May 1st for students applying for the fall term, and December 15th for students applying for the spring term;
- $250 resident students. Once submitted, the Room Reservation Deposit will allow room assignment. The Room Reservation Deposit, less any outstanding financial obligations, including room damages, will be refunded within the month following Commencement. In case of withdrawal, this deposit less any outstanding financial obligations, including room damages, will be refunded if official notice of withdrawal is filed by June 15th in the office of the Dean for the College of Undergraduate Studies.

Other Fees - All Students

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Cost per Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 minute lesson</td>
<td>$320</td>
</tr>
<tr>
<td>60 minute lesson</td>
<td>$620</td>
</tr>
<tr>
<td>Student teaching and observation</td>
<td>$230</td>
</tr>
<tr>
<td>Field Placement</td>
<td>$60</td>
</tr>
<tr>
<td>Music therapy</td>
<td>$75</td>
</tr>
<tr>
<td>Dietetic practicum</td>
<td>$55</td>
</tr>
<tr>
<td>Lab fees</td>
<td>$40-50</td>
</tr>
<tr>
<td>Art fees</td>
<td>$30-60</td>
</tr>
<tr>
<td>Clinical fee</td>
<td>$50</td>
</tr>
<tr>
<td>Clinical fee level I</td>
<td>$300</td>
</tr>
<tr>
<td>Clinical fee level II</td>
<td>$400</td>
</tr>
<tr>
<td>Clinical fee level III</td>
<td>$600</td>
</tr>
<tr>
<td>Graduation fee</td>
<td>$125</td>
</tr>
<tr>
<td>Transcript fee</td>
<td>$5</td>
</tr>
<tr>
<td>Guest Room rent (per day)</td>
<td>$25</td>
</tr>
<tr>
<td>Replacement ID cards</td>
<td>$15</td>
</tr>
<tr>
<td>Returned Check Charge</td>
<td>$25</td>
</tr>
<tr>
<td>Housing Damage Fines</td>
<td></td>
</tr>
<tr>
<td>Assessed by Student</td>
<td></td>
</tr>
<tr>
<td>Development &amp; Engagement</td>
<td></td>
</tr>
<tr>
<td>Parking Permits</td>
<td>$25</td>
</tr>
<tr>
<td>Parking Fines</td>
<td></td>
</tr>
<tr>
<td>Assessed by Campus Security</td>
<td></td>
</tr>
</tbody>
</table>

College of LifeLong Learning Tuition 2010-2011

Per credit tuition $440
Application fee - Accelerated (in class or online) Programs $50
Immaculata reserves the right to revise charges whenever it is considered to be appropriate by the University or by the Board of Trustees.

PAYMENT OF BILLS

Payments may be made by check, cash, or any major credit card. Payments are accepted online, by mail or in person in the Business Office between the hours of 8:30 a.m. and 4:00 p.m. The Business Office is located in Room #14 terrace level, Villa Maria Hall. Payment drop boxes are located outside the Business Office doors in Villa Maria and at the commuter entrance located in Loyola Hall. Checks should be made payable to Immaculata University and mailed to: Business Office, P.O. Box 631, Immaculata, PA 19345. Questions may be directed to studentaccounts@immaculata.edu or by phone at 610-647-4400, extension 3174.

Payment Policy

College of Undergraduate Studies – CUS Students

Tuition, charges and fees are assessed on a term basis and are due in full by the term payment due date. Students are not permitted to attend class or occupy University housing until full payment has been remitted or payment arrangements have been made with the Business Office prior to the term due date. Late fees are assessed monthly on past due balances. Students registering after the term payment due date are required to pay at the time of registration.
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 diploma.

Immaculata University reserves the right to assign outstanding account balances to a collection agency. In this circumstance, the student is responsible for all collection agency fees.

Payment Plan Options for CUS Students

Immaculata University Installment Plan

Immaculata offers an installment plan which allows CUS students to distribute their term costs over 8 installment dates during the academic year; 4 installments for fall and 4 installments for spring. Please refer to the course guide or online for term installment due dates. Students must complete an enrollment form available in campus offices and online at http://www.immaculata.edu/businessoffice. There is no enrollment fee. Late payment fees are assessed on past due balances.

Installment Plan Option for CLL Students

Immaculata offers an installment payment plan which allows CLL students to distribute their term costs over installment payment dates during a traditional term. There is no enrollment fee. Installment plan due dates are based on a traditional term, not cohort schedules. Students must complete an enrollment form available in campus offices, online at http://www.immaculata.edu/businessoffice and on MyIU, Campus Life tab, Business Office, Forms. Late fees are assessed on past due balances. Please refer to the course guide and online for term installment due dates.

Withdrawal Policy and Financial Charges

Immaculata University Refund Policy

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 within 14 days of the start of the term and weekly during the term in accordance with Federal guidelines.

The Business Office processes and mails refund checks to the home address provided by the student. Students may select to have their refunds deposited directly into their bank account. This can be set-up online at SSIU.

Credit balances resulting from non-Federal funds will be processed weekly after the initial Federal refunds for the term are processed. This is usually 3-5 weeks after the term begins. Refunds are processed for the full amount; partial refunds will not be processed.

Refunds are based on the disbursement of funds and the order in which they are received on the student account. Refunds are issued to the student unless the Parent PLUS Loan creates the credit to be refunded. In this case the refund will be issued to the borrower.

Credit balances (up to $800) may be transferred to the student’s University One Card to purchase books at the Campus Bookstore.

Students may request to have their student account credit balance held to pay future charges through the end of the aid year. All credits are refunded at the end of each aid year. Contact the Business Office or the Office of Financial Aid to obtain the Title IV Authorization Hold form.

Once a student has graduated or left school and all charges have been assessed, any remaining credit balance on the student account will be refunded to the student.

Tuition Refund and Credit Policy

<table>
<thead>
<tr>
<th>Drop Date</th>
<th>Credit Amount</th>
<th>Transcribed as</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before Classes Start</td>
<td>100%</td>
<td>Not Recorded</td>
</tr>
<tr>
<td>After First Class Meeting, but prior to Second Class Meeting*</td>
<td>80%</td>
<td>W</td>
</tr>
<tr>
<td>After Second Class Meeting, but prior to Third Class Meeting*</td>
<td>20%</td>
<td>W</td>
</tr>
<tr>
<td>After Third Class Meeting*</td>
<td>0%</td>
<td>W</td>
</tr>
</tbody>
</table>

*Please note: For classes meeting two or three times a week, drops will be processed based on calendar week. For example: After first class meeting, but prior to the second week of class 80%.
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 Federal Stafford Loans
- Subsidized Federal Stafford Loans
- Subsidized 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:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Cumulative Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>0.0 – 23.0</td>
</tr>
<tr>
<td>Sophomore/Pre-Junior</td>
<td>24.0 – 53.0</td>
</tr>
<tr>
<td>Junior</td>
<td>54.0 – 89.0</td>
</tr>
<tr>
<td>Senior</td>
<td>90.0+</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Class</th>
<th>Quarter Credits</th>
<th>Grade Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman year</td>
<td>0 – 23.0</td>
<td>1</td>
</tr>
<tr>
<td>Sophomore year</td>
<td>24.0 – 53.0</td>
<td>2</td>
</tr>
<tr>
<td>Junior year</td>
<td>54.0 – 89.0</td>
<td>3</td>
</tr>
<tr>
<td>Senior year</td>
<td>90.0 – 999</td>
<td>4</td>
</tr>
<tr>
<td>Graduate</td>
<td>0 – 999 quarter or semester credits</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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 is awarded to full-time students.

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 a Direct Stafford Loan or a Direct PLUS (Federal Parent Loan for Undergraduate Students), but they must also maintain 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

Financial assistance is awarded 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 www.fafsa.ed.gov. Immaculata’s Department of Education Code for filing the FAFSA is 003276. Students who wish to borrow a Direct Stafford Loan must complete a loan entrance interview online and complete and sign a Master Promissory Note either online or by mail.

Renewal Application Procedures for Continuing Students

Continuing students must apply for financial aid each year. Renewal FAFSAs are available online after January 1st of each year at http://www.fafsa.ed.gov. Continuing students must file all required applications by April 15. We highly recommend filing on the internet at www.fafsa.ed.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 academic transcripts are required for measuring the satisfactory academic progress of PHEAA State Grant recipients as well as determining grade level for loan eligibility.

IMMACULATA SCHOLARSHIPS AND GRANTS

THE 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 full-time and pay comprehensive tuition;
- cannot receive institutional aid that exceeds the cost of comprehensive 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.

Interested applicants should contact the Office of Undergraduate Admission to determine the exact criteria for scholarships and grants.

Students applying for Immaculata scholarships/grants require to complete the Free Application for Federal Student Aid (FAFSA) by the priority deadline of February 15.

Scholarships and Grants

Immaculata University Scholarships: Varying amounts awarded to full-time undergraduate students based on academic success, range from $5,000 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 need. Amounts vary.

IHM Liaison Grants: awarded to freshman students who have been referred by a designated IHM liaison; awards up to $1000.

Hugh O’Brian Youth Foundation Scholarship: awarded to an accepted applicant who participated in the Pennsylvania HOBY Leadership Program.

IU Alumni Endorsement Grant: awarded to new incoming full-time undergraduate students based on submitting a signed Alumni Endorsement Form by March 1.

Modifications may be made to the 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 a 3.00 cumulative Grade Point Average (CGPA) on a 4.00 scale. 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 first year and then after each semester for 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.

TUITION REDUCTIONS and OUTSIDE RESOURCES

IU Sibling 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 comprehensive tuition.

Tuition Exchange and CIC Tuition Scholarship programs: Full-tuition-only scholarships awarded to full-time undergraduate student(s) based on Human Resources Office criteria and selection. Any Federal Grants or State Grant aid for which the student qualifies will be used to offset the amount of the full tuition scholarship. Federal and/or State grant eligibility combined with the TE/CIC tuition scholarships will not exceed the cost of tuition. The TE/CIC tuition scholarships will supersede any IU merit/need scholarship or grant applied towards tuition charges only. TE/CIC scholarship awards are not applicable toward housing and/or meal charges.

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).

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.

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 FSEOG award is $100 per year. Priority is given to students who qualify for a Pell Grant.

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.

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. Loan limits are listed in the table below. Repayment begins six months after a student graduates, leaves school, or drops to less than half-time enrollment. Direct PLUS loans are 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.

Additional Information

As of July 1, 2010, all Federal Student and PLUS (Parent and Graduate) Loans will be processed through the Direct Student Loan Programs. On March 30, 2010, the federal government signed into law the Health Care and Education Reconciliation Act of 2010 requiring all colleges and universities to change their business practices for processing federal student loans though the Direct Loan program and thus eliminating the Federal Family Educational Loan Program (FFELP).
Loan Limits Under H.R. 5715

Additional unsubsidized Stafford loan limits applicable to undergraduate students are increased for loans first disbursed on or after July 1, 2008. Subsidized limits (up to base amount) are unchanged. For students enrolled as regular students in eligible programs, annual Stafford loan limits are as follows:

<table>
<thead>
<tr>
<th>Dependent Students (Except Students Whose Parents Cannot Borrow PLUS)</th>
<th>Base amount</th>
<th>Additional unsubsidized loan amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prior to July 1, 2008</td>
<td>Effective July 1, 2008</td>
</tr>
<tr>
<td>Freshman</td>
<td>$3,500</td>
<td>$2,000</td>
</tr>
<tr>
<td>Sophomore</td>
<td>$4,500</td>
<td>$2,000</td>
</tr>
<tr>
<td>Junior or senior</td>
<td>$5,500</td>
<td>$2,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Independent Undergraduate Students and Dependent Students Whose Parents Cannot Borrow a PLUS Loan</th>
<th>Base amount</th>
<th>Additional unsubsidized loan amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Prior to July 1, 2008</td>
<td>Effective July 1, 2008</td>
</tr>
<tr>
<td>Freshman</td>
<td>$3,500</td>
<td>$6,000</td>
</tr>
<tr>
<td>Sophomore</td>
<td>$4,500</td>
<td>$6,000</td>
</tr>
<tr>
<td>Junior or senior</td>
<td>$5,500</td>
<td>$7,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduate and Professional Students</th>
<th>Base amount</th>
<th>Additional unsubsidized loan amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$8,500</td>
<td>Unchanged at $12,000</td>
</tr>
</tbody>
</table>

Let's look at a couple of examples.

A dependent freshman whose parents have access to PLUS borrowing (whether or not the parent is actually willing to borrow) could previously have borrowed $3,500 in a subsidized loan. If the student did not have need for the full $3,500, the student could have borrowed a subsidized loan for the amount of demonstrated need and the difference between that amount and the $3,500 base limit in an unsubsidized loan. Under the new law, that student will be able to borrow a total of $5,500, no more than $3,500 of which may be subsidized.

A dependent freshman whose parents are unable to borrow PLUS could previously have borrowed a total of $7,500, no more than $3,500 of which could be subsidized. Under the new limits, that student can borrow a total of $9,500, no more than $3,500 of which can be subsidized (that is, the base limit of $3,500 plus the new additional unsubsidized limit of $6,000). The amount a student can actually borrow may not exceed cost of attendance minus other assistance (or, for subsidized loans, other assistance plus the EFC). The same limits apply to a freshman who is an independent student.

Aggregate Loan Limits (Effective July 1, 2008)

Undergraduate Dependent Students: $31,000 (no more than $23,000 of which can be subsidized)
Undergraduate Independent Students: $57,500 (no more than $23,000 of which can be subsidized)
Graduate and Professional Students: currently $138,500 (no more than $65,500 of which can be subsidized)
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.

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.

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 college as payment toward the balance due. Do not include Immaculata Institutional Employment as a credit for payment of tuition, fees or room and board.

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.

Additional Information

As of February 14, 2010, Title X – the Private Student Loan Transparency and Improvement Act, as a part of Regulation Z of the Higher Education Opportunity Act (HEOA), became effective for new legislative requirements regarding a lender’s disclosure of information provided through the Truth in Lending Act (TILA) to allow borrower and student choices for loans covering educational expenses. These changes now allow for borrowers to receive three (3) disclosure statements from the lender from the time a loan is applied for, through the time funds are disbursed to the University. These new regulations are applicable to all levels of offered programs of study.

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 year for each student enrolled in an academic program at the college. 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.

Maximum Semesters of Eligibility

The maximum time frame full-time undergraduate students may take to complete their program at Immaculata is not to exceed 12 full semesters. Part-time students may not take more than 12 academic years to complete their program.

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.

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 for every two semesters of state grant assistance received as a full-time student and a minimum of 12 credits 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.

Minimum C.G.P.A. Required*

<table>
<thead>
<tr>
<th>Semesters Completed</th>
<th>Minimum C.G.P.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.60</td>
</tr>
<tr>
<td>2</td>
<td>1.70</td>
</tr>
<tr>
<td>3</td>
<td>1.85</td>
</tr>
<tr>
<td>4 or more</td>
<td>2.00</td>
</tr>
</tbody>
</table>

A student with a C.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.

*(C.G.P.A. – Cumulative Grade Point Average.)
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 Director of Academic Advisement.

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 Director of Academic Advisement. 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 receive a letter from 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 selected for verification should download and complete the current academic year Verification Worksheet. Some of the additional requirements may include:

• Copies of income tax returns and accompanying schedules
• 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.

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.
Verification Change of Information Form Example

Date:

Name: ID:
Immaculata University has recently made changes to your 2010-2011 FAFSA form while performing our federally required verification procedure. The changes were made using your actual tax/income information that you provided to us. Conflicting information found on your FAFSA was corrected to match your income information. An updated SAR will be sent to you from the Department of Education shortly. These changes may have caused an adjustment in your aid package due to a change in your Expected Family Contribution (EFC). You may review changes to your FAFSA information and to your financial aid below.

<table>
<thead>
<tr>
<th>Item Changed</th>
<th>Reported FAFSA Data</th>
<th>Actual Tax/Income Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Parent Adjusted Gross Income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Parent Income Tax Paid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Parent Exemptions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Parent Worksheet A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Parent Worksheet B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Parent Worksheet C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Parent Investment Value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Parent Business Value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Number in Household</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Number in College</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Student Adjusted Gross Income</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Student Income Tax Paid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Student Exemptions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Student Worksheet A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Student Worksheet B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Student Worksheet C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Student Investment Value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Student Business Value</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Expected Family Contribution (EFC) has changed from to ________ to ________

Financial Aid Changes may be reviewed on your SSU account. Below is a summary of the changes to your financial aid.

<table>
<thead>
<tr>
<th>Item Changed</th>
<th>Prior Award</th>
<th>New Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Federal Pell Grant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Federal SEOG Grant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Federal College Work Study</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ IU Opportunity Grant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Subsidized Stafford Loan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Unsubsidized Stafford Loan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□ Federal Perkins Loan</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please contact us at 610-647-4400 ext. 3028 if you have questions concerning this letter.

Sincerely,
Financial Aid Office
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, junior, and 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. It is hoped that the student will develop a broad vision of life and an awareness of the depth, meaning, and value of that vision.

Academic Offerings

DEGREES AND PROGRAMS OF CONCENTRATION

Immaculata University is chartered by the Commonwealth of Pennsylvania to grant the following degrees: Psy.D., Ed.D., M.A., 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.

For the B.A. degree, programs of concentration are offered in biology, chemistry, communication, criminology, education, English, financial management, French, general science, health care management, history, information technology in business, human performance management, liberal studies, mathematics, music, music performance, organization dynamics, political science/international relations, psychology, sociology, Spanish, and theology. Programs of concentration are also offered in the combined areas of biology-chemistry, biology-psychology, international business foreign language, Spanish-psychology, and Spanish-social work.

For the B.S. degree, programs are offered to prepare students in the fields of accounting, allied health science, biology, business administration, chemistry, dietetics, exercise science, fashion merchandising, marketing management, finance, family and consumer sciences for nursery school through grade 12, health care management, information technology, and mathematics-computer science.

Immaculata also serves adult learners who wish to earn an online undergraduate degree. The following Bachelor’s Degree completion programs are available fully online through the Accelerated Degree Completion Program (ACCEL):

- Bachelor of Arts in Financial Management
- Bachelor of Arts in Health Care Management
- Bachelor of Arts in Human Performance Management
- Bachelor of Arts in Organization Dynamics

For the B.Mus. degree, programs of concentration in music education are offered to prepare students for teaching music from kindergarten through grade 12, and for certification in music therapy.

For the B.S.N. degree, programs include: an upper-division program offered for registered nurses who enroll in an accelerated degree completion program (ACCEL) and a pre-licensure traditional BSN program (College of Undergraduate Studies).

For the A.A. degree, programs of concentration are offered in biology, communication, English, history-politics, professional Spanish, and theology.

The A.S. degree is offered in accounting, allied health sciences with a concentration in nursing, biology, business administration, fashion merchandising, institutional foodservice management, and information technology.

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 LifeLong Learning 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;
- meet the departmental 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 LifeLong Learning advisor. Students are responsible for working out course schedules to ensure that requirements set forth in the credit check are met.

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.

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 LifeLong Learning: Faith, Caring, Service, Integrity, Learning, and Teamwork.

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

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 programs, depending upon the student’s college, program, and major.

Liberal Arts Core Requirements
College of Undergraduate Studies
College of LifeLong Learning
(Continuing Education Programs)

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

Liberal Arts Core: Arts and Sciences: Departments following the Arts and Sciences Liberal Arts Core include the following: Chemistry, English/Communication, Foreign Languages and Literature (except International Business Foreign Language), History-Political Science-International Relations, Psychology (except Biology-Psychology), Sociology-Criminology, Theology.

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

In the Mathematics-Computing Sciences-Physics Department, students completing a BA in Mathematics follow the Arts and Sciences Core.

Liberal Arts Core Requirements: Arts and Sciences

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy</td>
<td>6</td>
</tr>
<tr>
<td>Ethics</td>
<td>0-3</td>
</tr>
<tr>
<td>Composition I and II</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>6</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>6</td>
</tr>
<tr>
<td>Total: 51-54 credits</td>
<td></td>
</tr>
</tbody>
</table>

Liberal Arts Core: Professional Studies: Departments following the Professional Studies Core include the following: Biology (including Biology-Psychology), Business-Accounting-Economics, Education (including all students pursuing secondary certification), Fashion-Family and Consumer Sciences, Health Sciences and Services, International Business Foreign Language, Mathematics-Computing Science-Physics (except the BA in Mathematics), Music, Nursing (Generic BSN program only), Nutrition and Dietetics, Physical Education and Exercise Science.

Liberal Arts Core Requirements: Professional Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy</td>
<td>6</td>
</tr>
<tr>
<td>Ethics</td>
<td>0-3</td>
</tr>
<tr>
<td>Composition I and II</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Languages</td>
<td>6</td>
</tr>
<tr>
<td>Exercise Science</td>
<td>2</td>
</tr>
<tr>
<td>FYE</td>
<td>1</td>
</tr>
<tr>
<td>Physical Education 2 Contact Hours</td>
<td>0</td>
</tr>
<tr>
<td>Natural Sciences (Lab)</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
</tr>
<tr>
<td>Humanities Elective</td>
<td>3</td>
</tr>
<tr>
<td>Total: 42-45 credits</td>
<td></td>
</tr>
</tbody>
</table>
*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.

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).

Liberal Arts Core: ACCEL® Programs (BA and BSN)

BA Degrees: For the B.A. in Financial Management, Health Care Management, Human Performance Management, Information Technology in Business and Organization Dynamics:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy</td>
<td>6</td>
</tr>
<tr>
<td>English</td>
<td>9</td>
</tr>
<tr>
<td>6 credits in Composition; 3 credits in Literature</td>
<td></td>
</tr>
<tr>
<td>Foreign Languages or Cultures</td>
<td>3</td>
</tr>
<tr>
<td>World Civilization</td>
<td>3</td>
</tr>
<tr>
<td>Designated Humanities</td>
<td>6</td>
</tr>
<tr>
<td>Natural Sciences (Lab)</td>
<td>3</td>
</tr>
<tr>
<td>(Biology, Environmental Science, Chemistry, Physics)</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>9</td>
</tr>
<tr>
<td>(Economics, Geography, Politics, Psychology, Sociology, Integrative Course)</td>
<td></td>
</tr>
<tr>
<td>Total 48 credits</td>
<td></td>
</tr>
</tbody>
</table>

BSN Degree in Nursing: Students studying for the BSN Degree in Nursing (ACCEL) must complete the following core requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy</td>
<td>6</td>
</tr>
<tr>
<td>English</td>
<td>9</td>
</tr>
<tr>
<td>Foreign Languages or Cultures</td>
<td>3</td>
</tr>
<tr>
<td>World Civilization</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>6</td>
</tr>
<tr>
<td>(Economics, Geography, Politics, Psychology, Sociology, Integrative Course)</td>
<td></td>
</tr>
<tr>
<td>Natural Sciences (Lab)</td>
<td>6-8</td>
</tr>
<tr>
<td>(Biology, Environmental Science, Chemistry, Physics)</td>
<td></td>
</tr>
<tr>
<td>Total 39-41 credits</td>
<td></td>
</tr>
</tbody>
</table>

ASSOCIATE DEGREE

Liberal Arts Core Requirements

College of Undergraduate Studies

College of LifeLong Learning (Continuing Education Programs)

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy</td>
<td>3</td>
</tr>
</tbody>
</table>

English Composition 6 credits
Humanities Elective* 6 credits
Social Sciences** 6 credits
Natural Sciences (Lab)*** 6 credits
Total 33 credits

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 LifeLong Learning (Continuing Education Programs) must complete the following liberal arts core programs:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>Humanities Elective*</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences**</td>
<td>3</td>
</tr>
<tr>
<td>Natural Sciences (Lab)***</td>
<td>6</td>
</tr>
<tr>
<td>Total 27 credits</td>
<td></td>
</tr>
</tbody>
</table>

Liberal Arts Core Requirements

College of LifeLong Learning (ACCEL® Program)

Associate of Science in Business Administration

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theology</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>English Composition</td>
<td>6</td>
</tr>
<tr>
<td>World Civilization</td>
<td>3</td>
</tr>
<tr>
<td>Designated Humanities</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences**</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>Total 36 credits</td>
<td></td>
</tr>
</tbody>
</table>

* 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.

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 18-22 credits designated by the department(s) offering the program. Course requirements for minors are outlined in the pages of the appropriate departments. The university is not obligated to provide courses necessary for the completion of minor concentrations.

A student desiring to pursue a minor should discuss these plans with the academic advisor and obtain permission of the advisor and of the designated minor advisor in the department of the minor. A student in the College of Undergraduate Studies should declare the intention to minor when declaring the major in the second semester of freshman year in the Office of the Director of Academic Advisement. A student in the College of LifeLong Learning declares this intention with the appropriate academic advisor in the College of LifeLong Learning.
CERTIFICATE PROGRAMS
A student may opt to pursue a certificate program in a specific area. Certificate programs are available in computers-in-business, foreign language-literature-and culture, graphic design, Hispanic cross-cultural communication through corporate partnerships, information technology, internal auditing, Irish studies, management, Middle Eastern Studies, Professional Communication, Studio Art, theology. The university is not obligated to provide courses necessary for completion of certificate programs.

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;
• complete at Immaculata University the departmental 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;
• complete at Immaculata University the departmental requirements appropriate for the major field of concentration;
• maintain a minimum GPA of 2.00 (C).
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 in the same major (e.g., B.A. and B.S. in Biology), a student must earn 126-128 for the first degree and an additional 32 credits in the major for the second 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, and 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 chairperson, the faculty coordinator, or the Office of Career Services. Some programs carry academic credit, while others are extracurricular academic experiences.

STUDY ABROAD
Students may study abroad when such study is particularly suited to their academic goals. Immaculata University co-sponsors study abroad programs at universities in Australia, Austria, England, France, Germany, Greece, Ireland, Italy, Mexico, Scotland, Spain, and Wales. These sessions have been designed to meet the needs of students who wish to continue the study of a language or culture in another country. Students who achieve satisfactory grades may receive credit for this program. Application for permission should be filed after the completion of 45 credits earned at Immaculata in either the office of the Dean, College of Undergraduate Studies or Dean, College of LifeLong Learning. The applicant should have an above average cumulative grade point average in order to meet the curriculum demands of foreign study. Educational institutions and courses must be approved by the appropriate department.
For transfer of credits earned in study abroad programs, a grade of C or better is required in each course. All grades will be transcripted as earned. Students must provide official transcripts from study abroad programs.
Students paying comprehensive tuition are eligible to apply for a 10% discount for study abroad programs offered through Arcadia University. Immaculata University participates in a scholarship program for summer study abroad.
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 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.

Academic Policies and Procedures

ACADEMIC INTEGRITY POLICY
The pursuit of truth and the exercise of honest, intelligent inquiry are values which guide academic freedom. Without them knowledge is corrupted and academic freedom undermined. The following basic principles are inherent in academic honesty:
• Each student’s work must be wholly his or her own.
• Each student will give appropriate acknowledgement of other’s work when incorporating that work into his or her own.
• Students may not supply or receive unauthorized information about the form or content of an examination prior to its first being given.
• Students may not bring into a testing environment any written material containing that information.
• Students may not use electronic devices (calculator, cell phone, etc.) during testing unless specifically required/allowed for the examination.
• Students may not submit the same, or essentially the same, paper or report for credit on two different occasions without the approval of all instructors involved.
• Students may not take for their personal use, study or research, materials or equipment intended for common use in assigned work.
• Students shall not log into another student’s, faculty member’s, or staff member’s computer account or take information from another account.
• Students may not plagiarize.

PLAGIARISM
Using, without proper citation or acknowledgement, the words, ideas, or original research of others is plagiarism. When one relies on someone else for phraseology, even for only two or three words, one must acknowledge indebtedness by using quotation marks and giving the source, either in the text or in a footnote. When one borrows facts which are not matters of general knowledge—including all statistics and translations—one must indicate one’s indebtedness in the text or footnote. When one borrows an idea or the logic of an argument, one must acknowledge indebtedness either in a footnote or in the text.
The University considers plagiarism by a student a serious violation of professional ethics and standards. Plagiarism is defined as the presentation as new and original an idea or product derived from an existing source. Cheating is defined as the deliberate violation of the rules of academic honesty. Such violations may
result in the imposition of a serious academic penalty such as, but not limited to, suspension, transcript F, non-continuation, or exclusion.

Whenever an alleged infractions of academic integrity occurs, the student and the teacher are to discuss the matter and attempt to resolve the difficulty while maintaining the standards of Immaculata University. If student and faculty member are not able to reach a satisfactory solution, the matter is brought to the chair of the department. If the problem needs further discussion, it should be brought to the attention of the dean of the appropriate college. If the student does not accept the decision of the dean of the college, the student may request to implement the University Grievance Policy as outlined in the Student Handbook.

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.

Immaculata has a fixed comprehensive tuition rate for full-time students in the College of Undergraduate Studies. The tuition rate will remain fixed for the four year program (eight fall and spring semesters). 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, a student in the College of Undergraduate Studies 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 impacts billing, financial aid and eligibility for residence.

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

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Completed Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-23</td>
<td>Freshman</td>
</tr>
<tr>
<td>24-53</td>
<td>Sophomore</td>
</tr>
<tr>
<td>54-89</td>
<td>Junior</td>
</tr>
<tr>
<td>90 or more</td>
<td>Senior</td>
</tr>
</tbody>
</table>

A student’s academic progress is evaluated at the end of each semester. Since a cumulative grade point average of 2.00 is the minimum requirement for graduation, a student whose 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 GPA below the minimum levels indicated in the table below will be placed on academic probation.

<table>
<thead>
<tr>
<th>Semesters Completed</th>
<th>Minimum GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.60</td>
</tr>
<tr>
<td>2</td>
<td>1.70</td>
</tr>
<tr>
<td>3</td>
<td>1.85</td>
</tr>
<tr>
<td>4 or more</td>
<td>2.00</td>
</tr>
</tbody>
</table>

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 LifeLong Learning, 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 LifeLong Learning, 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 LifeLong Learning to the College of Undergraduate Studies must withdraw from the College of LifeLong Learning and apply to the College of Undergraduate Studies.

CREDIT FOR PRIOR LEARNING

Transfer credits and/or Technical and Professional Training (T/PT) from an institution without regional accreditation are referred to as Credit for Prior Learning (CPL). CPL credits are carefully reviewed and, pending approval, may be accepted in four categories. These are:

1. Tested CPL — including CLEP, DANTES, and Credit by Examination. A transcripting fee will be charged.
2. T/PT Reviewed by Academic Bodies — ACE (American Council on Education) and PONSI (Program on Noncollegiate Sponsored Instruction) credit recommendations are accepted as T/PT transfer credits. A transcripting fee will be charged.
3. T/PT Needing Faculty Review — Technical and professional training programs which have not been reviewed by ACE or PONSI require faculty review. Students 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.

College Level Examination Program (CLEP)

Immaculata participates in the College Level Examination Program (CLEP). Matriculated students have the option to challenge courses by 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, but credits earned through CLEP transfer are not computed in the grade point average. Ordinarily, a student may not retake a CLEP within six 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 LifeLong Learning. 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.

Application to challenge a course may be made with the Registrar during the fall, spring, and summer registration periods. Exams will be administered 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 percent 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 LifeLong Learning. A fee will be charged for challenge exams.

The number of Credit for Prior Learning 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 LifeLong Learning prior to initiating the process.

CLASS ATTENDANCE

Each student is expected to exercise reasonable judgment regarding class attendance and is accountable for all work missed because of absence. In cases in which absences of a student in semester-long courses total the equivalent of two weeks, the student must contact the Director of Academic Advisement in the College of Undergraduate Studies or the appropriate Program Director in the College of LifeLong Learning. 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. Students studying in any of the ACCEL® programs will be required to repeat a course if they do not meet the attendance policy published in the ACCEL® literature.

COMMENCEMENT

Students must complete all academic requirements and clear all financial obligations with the University to be eligible to participate in the commencement activities, receive their diploma and academic transcript. Students are required to complete a graduation diploma card to graduate. Students in the College of Undergraduate Studies submit the card to the registrar; students in the College of LifeLong Learning submit their card in the College of LifeLong Learning office.

DECLARATION OF MAJOR

A student in the College of Undergraduate Studies should declare a field of concentration in the second semester of freshman year and no later than the end of the first semester of the sophomore year. The student files a declaration of major directly to the department which will determine eligibility for study. A student in the College of LifeLong Learning declares a major at the time of admission. To change a major program of studies, the student must complete the Change of Field of Concentration form from the appropriate office.

EXAMINATIONS

Examinations in College of Undergraduate Studies courses (day courses) are scheduled at specific times at the close of each semester. The assigned periods are indicated on the academic calendar as “special day schedule.” When no examination is planned or when the students have been given a take-home exam, the specially schedule class must be held. No change in the special day schedule may be made without the approval of the Dean. For semester-based courses in the College of LifeLong Learning (evening and on-line courses), examinations are given during the final meeting of the class. When no examination is planned, the regularly scheduled class must be held.

LEAVE OF ABSENCE / STOP OUT

A student in good standing may interrupt a college program by requesting a leave of absence for one or two semesters 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. A student who fails to enroll by the end of the leave of absence will be withdrawn from the college. If a student withdraws from the University or fails to return from a Stop Out status within two academic semesters and then reappears, the tuition and financial aid will be assessed based on the current transfer tuition and financial aid rates.

Students in the College of Undergraduate Studies who are placed on a stop out from the university are not permitted to take courses at another college unless they have obtained permission from the dean.

OFF-CAMPUS/SUMMER STUDY

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 of the department chairperson. Students in the College of Undergraduate Studies may take courses in the summer at approved colleges only with the permission of the Director of Academic Advisement. Necessary forms for summer session enrollment may be obtained from the Office of the Director of Academic Advisement. For transfer of credits earned at colleges other than Immaculata University, a grade of C or better is required. 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 (SEPCHEx) institutions. Details can be found on page 34 and are available in the Office of the Registrar. All courses taken at another institution must be approved by the department.

Students in the College of LifeLong Learning, once matriculated, must seek approval to take courses at other institutions from the Associate or Assistant Dean. A grade of C or better is required for courses taken at another college to be accepted by Immaculata.

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 and 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: www.immaculata.edu/ADAlearningaccommodationspolicy.pdf
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.

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.

Students who withdraw during a semester are referred to Change of Courses, elsewhere on this page. 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 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 dismissal and will decide on an individual basis whether the student may be readmitted.

WRITING AND MATHEMATICS CENTERS
The Writing and Mathematics Centers 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.

ACADEMIC SUCCESS CENTER
The Academic Success Center serves 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.

Registration and Transcript Information

AUDITING COURSES
With approval, a student may audit courses. Such 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. Assignments, including examinations and term papers, are not required. Transfer from credit to audit is permitted only in the change of registration period. Transfer from audit to credit is not permitted.

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.

CHANGE OF COURSES
Adding a course: Students may add or change a course only during the first week of the semester. All courses are added through the Office of the Registrar or the College of LifeLong Learning.

Dropping a course: Students may drop a course without transcription during the first three (3) weeks of the session. The official process must be initiated through the Office of the Registrar or the College of LifeLong Learning.

Withdrawal from a course: A student may withdraw from a course (delivered in the traditional semester format) without academic penalty prior to a date which falls two weeks after the submission of mid-term warning grades. 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 the Director of Academic Advisement in the College of Undergraduate Studies or the appropriate Program Director in the College of LifeLong Learning. 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 policy for the College of LifeLong Learning is described in the College of LifeLong Learning course brochure and in this catalog under “Expenses and Financial Aid: Tuition, Charges, and Fees.”

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.

CROSS REGISTRATION
Students in the College of Undergraduate Studies, paying comprehensive 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 College, Chestnut Hill College, Gwynedd-Mercy College, 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.

Immaculata students enrolling in study abroad programs through Arcadia University’s Center for Education Abroad receive a 10% tuition discount.
For course listings and more information, check the SEPCHE web site: http://www.sepch.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
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.

GRADING SYSTEM
The scholastic year is divided into two semesters in the College of Undergraduate Studies and into three sessions in the College of LifeLong Learning. At the end of each semester or session, examinations are given as indicated on the college calendar. Final grades are posted on Self-Service IU at the end of the semester or session.

<table>
<thead>
<tr>
<th>Grade Point Value per Credit Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Outstanding Grade given for work of highest achievement; evidence of consistent ability and originality 4.00</td>
</tr>
<tr>
<td>A- B+ Above Average Mastery of subject matter considerably above the acceptable standard 3.67</td>
</tr>
<tr>
<td>B Average Standard performance 3.00</td>
</tr>
<tr>
<td>B- C+ Below Average Passing, below standard performance 2.67</td>
</tr>
<tr>
<td>C Failure No credit given 2.00</td>
</tr>
<tr>
<td>C- D+ Incomplete For some legitimate reason, all course work has not been completed 1.67</td>
</tr>
<tr>
<td>D Withdrawal Not included in grade point average 1.00</td>
</tr>
<tr>
<td>HP P Equivalent of B+, A- or A for course taken as pass-no credit option 0.00</td>
</tr>
<tr>
<td>P W Equivalent of C-, C, C+, B- or B for course taken as pass/no credit option 0.00</td>
</tr>
</tbody>
</table>

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 grade points; a B carries 9 grade points; a C carries 6 grade 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 chair, or, in the College of LifeLong Learning, to the appropriate Program Director. Documentation regarding the appeal should be provided. Should the student continue to contest the grade, 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 mark. 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”. Incompletes are not granted in any of the ACCEL® major requirements, any course meeting fewer than 32 hours, or in online courses which run for fewer than 8 weeks.

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 on this option. In addition, juniors and seniors may take one elective each semester on a pass-no credit basis. Once the pass-no credit option has been selected, the actual grade will not be shown on the transcript. The elective may not be within the student’s major field. 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
Students register on the dates noted in the academic calendar. 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 comprehensive tuition for any credits beyond 18 in a given semester.

Immaculata has a fixed comprehensive tuition rate for full-time students in the College of Undergraduate Studies. The tuition rate will remain fixed for the four year program (eight fall & spring semesters). 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. Music lessons are billed separately.
ACCEL® REGISTRATION

The courses of any ACCEL® program are scheduled in the traditional fall, spring, and summer semesters (please see your ACCEL® schedule for details). Initial registration for an ACCEL® program takes place before the beginning of classes. Students register for all courses scheduled in the first semester at this time. The next registration takes place at the end of the first semester, at which time students register for all courses scheduled in the second semester, and so forth. An administrator conducts the registration for each semester and is available to respond to academic or policy concerns.

REPEATING COURSES

If a student repeats a course, the last grade earned will be used to compute the grade point average, unless the last grade is W.

TRANSFER CREDITS

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 Director of Academic Advisement for summer courses and from the Dean of the College of Undergraduate Studies for fall and spring courses. Grades for these courses will be transcripted and included in the cumulative GPA.

In exceptional circumstances a matriculated College of LifeLong Learning student may receive permission to enroll in a course at an accredited institution. Permission must be granted by the Associate or Assistant Dean of the College prior to enrollment. Courses that have been approved to be taken at another institution will be transcripted 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. This may be done in person or by writing to the office. Telephone requests cannot be accepted. One week’s notice is required. The fee for each transcript is $5. Transcripts will not be released for persons who have a financial obligation to the university. Each student will receive a complimentary copy of her/his transcript at the time of graduation.

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 college 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 HONOR 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 (those registered concurrently for 12 or more credits in a semester) who maintain a grade point average of 3.70 or higher during the semester are nominated to the Dean’s List.

COLLEGE OF LIFELONG LEARNING

DEAN’S LIST

The College of LifeLong Learning’s 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 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 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.

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 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.

KAPPAOMICRON 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

Recognition of Achievement

ACADEMIC HONORS

Each fall, an honors convocation of faculty and students is called by the Vice President for Academic Affairs to commend students who have attained high academic standing in the previous year. At a spring ceremony, official recognition is given to seniors who have been elected to international and national honor societies and who have achieved departmental distinction.

Baccalaureate degree recipients who have completed a minimum of 60 graded credits at Immaculata University will be evaluated for honors at graduation. Honors at graduation will be awarded for a final grade point average as follows:

- summa cum laude 3.95
- magna cum laude 3.85
- cum laude 3.65
Delta Psi, was founded at Immaculata in April, 1980. 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. Its motto is “Seek diligently together for truth.”

Psi Chi ... a national psychology honor society 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 a 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. It 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 minimal grade point average of a 3.00 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. It's purpose 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 (at least 15 semester hours 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 (TA K) is the national honor society for religious and/or theological studies. To be eligible a student must be enrolled in the Theology Major, Minor, or Theology Certificate programs. She/he must have completed a minimum of twelve Theology credits and have a 3.0 cumulative average and a 3.5 in Theology. She/he must also 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. Its goals 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 in their communication courses.

Sigma Theta Tau ... the International Honor Society of Nursing was founded in 1922 which 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 our 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 honor society in the field of exercise science and related disciplines. Its purpose is to promote and honor academic excellence among exercise science majors and recognize these students for their academic achievements within the Immaculata community. To be eligible for membership in the society, students must be of sophomore 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.
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.

Post-Baccalaureate Programs
POST-BACCALAUREATE PROGRAMS FOR MEDICAL AND ALLIED HEALTH PROFESSIONS IN THE COLLEGE OF LIFELONG LEARNING

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 Health 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.
College of Graduate Studies

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

- Ed.D. in Educational Leadership and Administration
- Psy.D. in Clinical Psychology (APA accredited)
- Psy.D. in School Psychology
- M.A. in Cultural and Linguistic Diversity
- M.A. in Clinical Psychology
- M.A. in Counseling Psychology: Pennsylvania Certifications for School Psychologists and for Elementary and Secondary School Guidance Counselors are also offered.
- M.A. in Educational Leadership and Administration: Pennsylvania Certification for Elementary Education; Secondary Certification based on departmental approval; Special Education, K-12; Supervisor of Curriculum and Instruction; Supervisor of Single Subject Area; Supervisor of Special Education; Elementary/Middle School and Secondary School Principal; Letters of Eligibility for Superintendent/Assistant Superintendent and Executive Director/Assistant Director for Intermediate Unit are also offered. Immaculata University is an approved provider of ESL program specialist training.
- M.A. in Nutrition Education: American Dietetic Association-Accredited Internship is offered as an option in this program. Immaculata participates in computer matching.
- M.A. in Music Therapy
- M.A. in Organization Leadership: 18-credit-hour certificates are available in Organizational Effectiveness; Applied Gerontology or Health Care.
- M.S.N. Master of Science in Nursing (CCNE accredited): Specialization tracks include clinical practice in nursing education and nursing administration.
- M.A. in Public Relations.

A unique feature of the programs is the liberal arts 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, call the Graduate Office 610-647-4400, ext. 3211 or 3212. Requests for information may be faxed to 610-993-8550 or e-mailed to graduate@immaculata.edu.
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, students, alumni, and Friends of the Library.

Housed in an award-winning building since March 1993, and open seven days a week, Gabriele Library accomplishes its mission by providing such on-line resources as ERIC, PsycInfo, Academic Search, Gale Literature Resource Center, ProQuest Nursing, Business Source, CINAHL and LexisNexis; on-line journal services such as JSTOR; an AV/computer room with VCR, DVD, and other audiovisual equipment as well as PCs, 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 reference department 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. Behind the scenes, other staff members facilitate the workings of the library by ordering, processing, and cataloging materials; keeping the accounts; and administering the library’s computer system.

Other noteworthy features of Gabriele Library include quiet study carrels, six group study rooms and two photocopying areas. The Immaculata Heritage Room with its collection of archival materials relating to the University includes a microfilm collection of the University newspaper. Library holdings include approximately 145,000 volumes, 3,500 audiovisual items, 40 electronic databases, 400 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; materials for curriculum development; and collections of juvenile, Spanish-American, and Chicano literature. The library also provides a changing exhibit on topics that are of current interest to the Immaculata community.

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. Also owing to its memberships, Immaculata students can borrow directly from seven SEPCHE college libraries and borrow reciprocally from 40 additional college, university, and special libraries in the region. Gabriele Library is also a member of CLA (Catholic Library Association) and PaLA (Pennsylvania Library Association).
AREAS OF INSTRUCTION

COURSE NUMBERING SYSTEM
Courses with hyphenated numbers run through the year (e.g. 103-104). Semester hour credit is indicated in parentheses after each course title.

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) deciding on a career and life-style; (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.

FYE 100: Transitions to College (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. Topics will include: mission and history of the university, academic resources, study skills, money and time management, learning styles and issues relating to diversity.

Students in the Honors Program will take FYE 110 (described below).

COLLEGE OF UNDERGRADUATE STUDIES HONORS PROGRAM
The Honors Program offers talented students an opportunity to focus their attention on courses that encourage flexibility and integration of knowledge in an atmosphere of collaborative learning. The small honors classes foster inquiry and scholarship among students and faculty. The Honors Program is designed to nurture student involvement in the education process. Courses emphasize independent scholarship. All honors courses are identified on student transcripts.

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

- Enjoy a deeper understanding of the nature of learning;
- Value their membership in a community of scholars;
- Develop a greater sense of self within the local and global community;
- Apply rigorous critical thinking skills and a high level of intellectual curiosity in various academic domains;
- Demonstrate the skills necessary to do advanced independent and collaborative research;
- Possess the confidence and communication skills to present their research to an academic or professional audience;
- Enhance their ability to make interdisciplinary connections as they near the completion of the program.

MEMBERSHIP IN THE IMMACULATA HONORS PROGRAM
First-time freshmen: Invitations are extended to high school students who meet two of the following criteria:
- SAT composite score (Verbal Reasoning, Mathematics, and Writing) of 1600 or better;
- High School GPA of 3.50 or equivalent and/or;
- Top 20% of high school class.

Second semester freshmen and first semester sophomores:
Second-semester freshmen and first-semester sophomores 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 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 another institution (with at least a B average) will be accepted in the Immaculata Honors Program.

Transfer Students (entering IU with an advanced number of credits): Students who transfer into Immaculata in 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.

Honors Congress: Requirements for inclusion in the Honors Congress: Cumulative 3.5 GPA and formal application submitted to the Honors Program Subcommittee.

Formal Induction: Formal induction into the Honors Program and Honors Congress will occur during the spring semester.

REQUIREMENTS FOR COMPLETION OF THE HONORS PROGRAM
The Honors Program requires the completion of 21 credits, which can be earned in several ways. The following outline suggests how the program can be completed; however, individual scheduling needs and course offerings will at times vary the sequence. The program can be completed in three years or extended into a fourth year.

- **First year:** The student should complete the Honors Keystone Seminar; honors English; and one honors course, which fulfills a requirement for the liberal arts core.

- **Second year:** In the second year, students will take another honors course to apply to the liberal art core and also complete three credits in either HON 400: Independent Honors Research (3) or three credits in guided research within a core course or a course required by their major.

- **Third year:** In the third year, students may engage in an extended research project (3-6 credits) and participate in HON 401: Honors Colloquium. Many students may use this period of extended research as a prelude to submitting application materials to graduate schools in their senior year. Students can also take the opportunity to work with an advisor during junior year to begin gathering the application materials needed for graduate programs.
• **Fourth year:** 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. If students have not completed the honors program, however, they can continue their honors courses in senior year.

• **Flexibility in completing the honors programs:** Honors credits may also be earned through study abroad experiences, leadership demonstrated through extended service learning or service project, or through participation in an on-line Honors Summer Reading Program.

**CURRENT HONORS COURSES**

Courses currently offered in the honors program include those listed below. Course descriptions can be found in the department listed after the course title. Courses are changed or added periodically.

**FYE 110: Honors 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.

**HON 400: 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: Honors Colloquium: (3)**
Students and the faculty seminar leader determine a topic as the basis from which students can conduct independent research in their field of interest.

**CCS 335 HON:** Global Studies (3) [Foreign Languages and Literature]
**ECO 313 HON:** Great Economic Debate (3) [Business-Accounting-Economics]
**ENG 117 HON:** Rhetoric and Composition (3) [English]
**ENG 216 HON:** World Literature (3) [English]
**FNU 213 HON:** Nutrition Controversies (3) [Nutrition and Dietetics]
**FNU/SOC 313 HON:** Cultural Anthropology of Food (3) [Nutrition and Dietetics]
**HIS 214 HON:** Refugees (3) [History]
**MUS 300 HON:** Women in the Performing Arts (3) [Music]
**PHI 314 HON:** Asian Thought (3) [Philosophy]
**PHI 214/SOC 214 HON:** Ethics: Theory and Praxis (3) [Philosophy/Sociology]
**PHI 334/THE 334 HON:** Reason and Reality: “Questing” (3) [Philosophy/Theology]
**SOC 360 HON:** Culture and Gender (3) [Sociology]
**THE 332 HON:** Christian Faith and Economic Life (3) [Theology]
Art

Diane S. Grimes, Chair
Sister Trinita Marie Amorosi, Artist-in-Residence

VISION

ART is Learning to See … Making Connections …
Enlightenment … Joy … A very Human Thing.

The art department facilitates students' appreciation for the aesthetic and cultural values in the arts while preparing them to challenge themselves to think creatively. Students who take courses in the department will develop knowledge of the elements of art and principles of design.

OUTCOMES

Through successfully completing courses in the art department, 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.

Immaculata offers Art for the non-art majors. The Visual Arts at Immaculata provide humanities electives in the liberal arts curriculum. All students have the option of electing Art.

REQUIREMENTS FOR MINORS

• Graphic Arts: ART 102, 105, 201, 204, 302, 311.
• Studio Arts: ART 102, 105, 201, 303, 306; three credits from among the following: ART 210, 307, 319, 403.

REQUIREMENTS FOR CERTIFICATES

• Studio Arts: ART 102, 201; twelve credits from among the following: ART 105, 200, 204, 205, 210, 215, 216, 302, 303, 306, 307, 311, 319, 403, and 419.
• Graphic Design: ART 102, 105, 201, 204, 302, 311.

ART 102 Basic Drawing (3)
A basic studio course designed to explore the elements of drawing. The students will experience exercises in observation and memory drawing using various media – pencil, ink, charcoal, and pastel. (fee applies)

ART 105 Introduction to Computer Graphics (3)
An introduction to the use of the Macintosh platform as a tool for art and design used in the graphic arts and communication industries. 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 will enable 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)
This course will present 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)
This course will provide a survey of visual arts from the Paleolithic to the Gothic period. The course will explore 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 Art History II (3)
This course will provide an inclusive survey of the history of arts from the Fourteenth Century Art in Europe to Post Modernism. The course will explore 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. (There are no prerequisites)

ART 215 Art Appreciation (3)
This course in art appreciation will introduce students 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 Study 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 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 of hand-built ceramic ware. (fee applies)

**ART 307  Ceramics II (3)**
The course develops the basic skills of pottery and also provides an opportunity to develop the techniques of throwing pots on the potter’s wheel, advanced hand-building and glazing techniques. (Prerequisite: ART 306) (fee applies)

**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. (See FMD 308.)

**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 formulized 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. (Pre-requisite ART 302) (Lab work required) (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 320  Visual Merchandising (3)**
A study of the importance of eye appeal and consumer buying habits in the fashion industry. Creation of displays using principles and techniques of visual design. (See FMD 320)

**ART 401  Independent Art Studies (1-3)**
This course involves the development of a special project with the permission of 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, landscape, 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 technique of direct stone/wood carving. (Prerequisite: ART 319) (fee applies)
Biology
Sister Susan J. Cronin, Chair
Francis G. Martin
Carl R. Pratt, Jr.
Jean M. Shingle
Sister Jane Anne Molinaro, Emerita

VISION
The Department of Biology provides a rigorous curriculum which facilitates an understanding of the major principles and concepts in the biological sciences, promotes inquiry and critical thinking with hands-on biology, and fosters an atmosphere of research between faculty and students. In addition the department recognizes the need to prepare students properly for careers in the health sciences and to provide courses for students to become scientifically literate citizens in today’s world.

OUTCOMES
Through successful completion of courses in Biology, students will be able to:

- employ a basic scientific knowledge of themselves and their surroundings;
- demonstrate a basic understanding of living systems and biological concepts;
- exhibit proper and safe procedures for the setup of laboratory equipment and preparation of specimens;
- apply the scientific method, use of statistics, models, graphs, computers and/or spreadsheets to the analysis and interpretation of data;
- evaluate the ethical considerations in modern biological research;
- develop skills in critical thinking and written expression;
- demonstrate understanding and appreciation of current topics in biological sciences;
- exhibit a knowledge and skills foundation sufficient to either undertake graduate studies, enter careers in industry and education, or enter training in the medical professions.

DEGREE OPTIONS
Students who choose their major field of study to be biology or general science may pursue one of the following degrees:

- **BS in Biology**: Intended for students pursuing technical careers in industry, government, or academia and for students intending to continue on to graduate school and research. Satisfies all pre-medicine and pre-veterinary requirements. **Specific Requirements**: Mathematics 207-208 or 301-302; Psychology 208; Chemistry 103-104, 211-212; Physics 203-204; Biology 233, 234, 305, 309, 307, 320, 396, 397; sixteen concentration elective credits from Biology 300 level courses. CHE 330 is also included as an option in the sixteen concentration elective credit requirement.

- **BA in Biology**: Intended for students pursuing a wide variety of interdisciplinary careers requiring a strong foundation in biology and minor studies in another discipline. Satisfies all pre-medicine and pre-veterinary requirements. **Specific Requirements**: Mathematics 207-208 or 301-302; Psychology 208; Chemistry 103-104, 211-212; Physics 203-204; Biology 233, 234, 305, 309, 307, 320, 396, 397; eight concentration elective credits from Biology 300 level courses. CHE 330 is included as an option in the eight credit requirement. A capstone experience as defined by the major or the minor is also required; for biology the capstone experience is biology 320, 396, and 397.

- **BA in Biology-BA in Chemistry**: A double major is possible in the normal four year undergraduate program for those students meeting prerequisites. Intended for students pursuing interdisciplinary careers requiring a strong foundation in both biology and chemistry. Satisfies all pre-medicine and pre-veterinary requirements. **Specific Requirements**: BA Biology, see above; BA Chemistry, see Chemistry section of this catalog. Students pursuing the double major need only take the biology or the chemistry seminar sequence and the required CHE 330 can be counted as a biology concentration elective.

- **BA in Biology-Psychology**: Intended for students pursuing careers in psychology which require a significant foundation in the biological sciences. **Specific Requirements**: Mathematics 207-208 or 301-302; Chemistry 103-104, 201; Psychology 101, 208, 311, 313, 314; Biology 233, 234, 305, 309, and four elective credits from Biology 300 level courses; Biology 320, 396, and 397 or Psychology 418-419; and four elective credits from Biology or Psychology 300 level courses.

- **BA in General Science**: Intended for students pursuing a wide variety of interdisciplinary careers requiring a strong foundation in biology and minor studies in another discipline. **Specific Requirements**: Biology 233, 234, 305, 307; Chemistry 103-104; Physics 203-204; Mathematics 207-208 or 301-302; Psychology 208; sixteen to eighteen elective credits from Biology, Chemistry, Physics, or integrated science 200 or 300 level courses including at least three elective credits each from Biology, Chemistry, and Physics and three elective credits of a research/seminar nature.

- **AS in Biology**: Intended for students pursuing careers that are enhanced by a working knowledge of biological and chemical principles. **Specific requirements**: Mathematics 207-208; Chemistry 103-104, 211-212; Biology 233, 234, 305, and either Biology 309 or 307.

- **AA in Biology**: Intended for students pursuing careers that are enhanced by a basic knowledge of selected biological topics. **Specific Requirements**: Mathematics 107-153; Chemistry 101-102, 201-202; sixteen elective credits from Biology 100, 200, and/or 300 level courses.

EDUCATION CERTIFICATION

Secondary Education Certification. Students preparing for a career in biology teaching will complete all the requirements for the BA degree in biology. Biology majors seeking secondary education certification will take SCI 122 in lieu of one biology elective. **Specific Education Requirements**: see Education section of this catalog.

Post-baccalaureate Certification. Students who have earned a baccalaureate degree in a field other than biology and who are seeking biology teaching certification. **Specific requirements**: mathematics/natural science requirements for biology: Mathematics 203-204, chemistry 101-102, physics 101-102, earth and space science (SCI 122), and biology electives in each of the following areas: cell/molecular biology (BIOL 104, 205, 208, or 366), genetics (BIOL 104, 205, or 234), physiology (BIOL 103, 207, 209-210, 309, or 335), evolution/diversity (BIOL 305), ecology (BIOL 112 or 307).

NON-DEGREE OPTIONS

- **Minor in Biology**: Intended for students pursuing a wide variety of interdisciplinary careers requiring a strong foundation in biology and to complement a major in another discipline. **Specific Requirements**: Mathematics 207-208; Chemistry 103-104; Biology 233 and twelve elective credits from Biology 234 and 300 level courses.
• Pre-Professional Program for Medical Professions.
Intended for undergraduate and post-baccalaureate students preparing for careers in medicine, dentistry, optometry, podiatry, or veterinary medicine. Students will complete the necessary mathematics and natural sciences courses required for admissions to the professional schools. Academic advising for this program is provided by the Advisory Committee for the Medical Professions. Specific Requirements: Biology 233, 234, 309 (additional biology courses are highly recommended); Chemistry 103-104, 211-212; Physics 203-204; and Mathematics 207-208 or 301-302. Participation in a research or clinical internship is strongly recommended.

Note: Biology courses at the 100 and 200 levels cannot be used in lieu of Biology 300 level courses in either the degree or non-degree options except as follows:
• BIOL 209-210 (8 credits) in lieu of BIOL 309 (4 credits; additional 4 credits count as free electives)
• BIOL 208 (4 credits) in lieu of BIOL 323 (4 credits)

GENERAL PREREQUISITES AND SCHEDULING REQUIREMENTS FOR BIOLOGY AND GENERAL SCIENCE MAJORS

GENERAL PREREQUISITES
Students (except as noted below) must satisfactorily complete the following prerequisite sequence before taking any biology major’s courses (BIOL 233 or higher).
MATH 203-204 Intermediate College Mathematics
CHE 101-102 Basic College Chemistry
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:
1. they have completed a one-year high school chemistry course with a grade of B or higher –OR– they have satisfactorily completed a one-year college general chemistry course –AND–
2. at least two of the following three conditions are met:
   • SAT MATH score of 550 or higher;
   • IU Mathematics Placement Tests scores sufficient to place student in MATH 207-208;
   • satisfactory completion of a pre-calculus course in high school or college.

SCHEDULING REQUIREMENT
All students must satisfactorily complete the following foundation courses before taking any biology 300 level courses.
MATH 207-208 Introductory Analysis
(may substitute MATH 301-302 Calculus)
CHE 103-104 Fundamental Chemical Concepts
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 all college mathematics and science courses taken to fulfill major requirements.

ACCEPTANCE INTO MAJOR
Formal acceptance into a baccalaureate major is generally made when a student has completed the freshmen level of study. It is confirmation that a student is sufficiently prepared for the rigors of upper-level undergraduate study in that major. Students must meet the formal acceptance requirements for the major before they will be permitted to continue in the major. In order to be formally accepted into a major, a student must complete with a minimum grade C (2.0) the following courses: Biology 233, Biology 234, Chemistry 103, and Chemistry 104.

TRANSFER CREDITS

Biology Majors: Up to twelve credits in majors’ biology courses will be considered for transfer from another institution. Biology credits will be considered for transfer only if earned within previous ten years, courses are comparable in content to courses currently taught in this department and a grade of C or higher was earned. Once a student is formally accepted as a biology major, with the exception of approved off-campus research, all required biology courses must be taken at Immaculata University.

General Science Majors: No more than twenty-four credits in majors’ science courses will be considered for transfer from another institution. The credits will be considered for transfer only if earned within previous ten years, courses are comparable in content to science majors’ courses taught at this university, and a grade of C or higher was earned. Once a student is formally accepted as a general science major, with the exception of approved off-campus research, all required natural science courses must be taken at Immaculata University.

BIOLOGY

BIOL 090 Biology Colloquium (0)
The biology colloquium meets three-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 100-101 Introduction to Biological Techniques I-II (1, 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 and Ecology (3)
This course is designed for students with little or no science background. It presents 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 and appropriate treatments. It also includes an understanding of the basic ecological interrelationships between man and the natural world. Students will analyze ecological issues in different countries of the world. (Fulfills a core requirement.) 2 hours lecture, 2 hours laboratory.

BIOL 104 Cell Biology and Genetics (3)
This course is designed for those interested in the health sciences. It 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. (Fulfills a core requirement.) 2 hours lecture, 2 hours laboratory.
BIO L 106 Science for Elementary Education (3)
This course will present content and pedagogy for the teaching of science in grades K-4. It requires learning essential science content through the perspectives and methods of inquiry. This course will involve students actively investigating phenomena that can be studied scientifically, requires interpreting results, and making sense of findings consistent with currently accepted scientific understandings. (Fulfills a core requirement.) 2 hours lecture, 2 hours laboratory. Education students only.

BIO L 111 Introduction to Human Diseases (3)
Designed for students with little or no science background, this 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. (Fulfills a core requirement.) Online only. Counts 2 hours lecture, 2 hours laboratory.

BIO L 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. (Fulfills a core requirement.) Online only. Counts 2 hours lecture, 2 hours laboratory.

BIO L 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. (Fulfills a core requirement.) 2 hours lecture, 2 hours laboratory.

BIO L 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 lecture, 2 hours laboratory.

BIO L 202 Exercise Structure and 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 of lecture; 2 hours of laboratory

BIO L 204 Microbiology for Food Science (3)
An 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 students with a solid working knowledge of microorganisms and their relation to food, sanitation, health, and industry. 2 hours lecture, 2 hours laboratory.

BIO L 205 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 genetic and biotechnology to illustrate the rapidly advancing field of experimental genetics. 2 hours lecture, 2 hours laboratory.

BIO L 207 Human Biology (3)
This course introduces the student to the anatomy and physiology of the human body. All systems of the body will be considered with an emphasis on nutrition and health. 3 hours lecture.

BIO L 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.

BIO L 209 Human Anatomy and Physiology I (4)
A study of the underlying processes, 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.

BIO L 210 Human Anatomy and Physiology II (4)
Continuation of BIO L 209; covers cardiovascular, immune, respiratory, digestive, urinary, and reproductive systems. (Prerequisite: 209 or permission of instructor. 3 hours lecture, 2 hours laboratory.)

BIO L 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: CHE 103, MATH 207 or 301; or permission of instructor. 3 hours lecture, 3 hours laboratory.)

BIO L 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, BIO L 233, CHE 103, or permission of instructor. 3 hours lecture, 3 hours laboratory.)

BIO L 235 Biomechanics (3)
A study of the structural and functional adaptations of living organisms related to the physical constraints on body support and movement. Topics include walking, running, jumping, leaping, climbing, swimming, and flying. (Prerequisites: BIO L 209 and 210 or BIO L 233 and BIO L 309, or permission of the instructor. 3 hours lecture.)
BIOL 290 Environmental Expedition to Costa Rica (3)
This course will provide students with a rich overview of the environment and natural wildlife of Costa Rica. It will allow students to work with local environmentalists on projects to protect the delicate balance of some of the world’s richest ecologies. (Counts as a core requirement for a lab science. Additional cost required for trip).

BIOL 291-292 Special Problem I-II (1-3, 1-3)
Student-oriented laboratory, field, and/or literature studies. Admission to the courses by application to the biology faculty.

BIOL 305 Evolution and Diversity (4)
A comparative survey of the structure and function of representative organisms in a number of different kingdoms, phyla, and classes paying particular attention to their evolution and adaptations. (Prerequisites: BIOL 234 or permission of instructor.) 3 hours lecture, 3 hours laboratory.

BIOL 307 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: BIOL 233, 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 the flowering plants. (Prerequisite: BIOL 233, CHE 103; or permission of instructor.) Online self-study.

BIOL 309 Vertebrate Structure and 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: BIOL 233, CHE 103; 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. (Prerequisite: BIOL 233, 234, CHE 104, MATH 208 or 302; or permission of instructor.) 3 hours lecture, 3 hours laboratory.

BIOL 320 Junior Seminar (1)
This course introduces students to formal scientific thinking and writing. It includes instruction in scientific writing, use of contemporary scientific literature, and library research techniques. Students write a formal research proposal that includes a hypothesis supported by comprehensive literature review, clear definition of goals, and an experimental protocol. There is opportunity for exchange of ideas and peer review of proposals. (Prerequisites: 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, with consideration of industrial and environmental effects. Laboratory stresses aseptic handling and recognition of microorganisms, identification of unknown bacteria, and independent investigation. (Prerequisite: BIOL 233-234, CHE 103-104; or permission of instructor.) 3 hours lecture, 3 hours laboratory.

BIOL 335 Principles of Physiology (4)
This course will concentrate on bioelectrical and biomechanical principles and their application to the functioning of cells and groups of cells, particularly in regard to neurons and muscles. (Prerequisites: BIOL 233 and 309, OR BIOL 209 and 210, CHE 103-104, PHY 204 (may be taken concurrently); or permission of instructor.) 3 hours lecture, 3 hours laboratory. (See PHY 335)

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: BIOL 233, 234, MATH 208 or 302; CHE 103-104 or permission of the instructor.) 3 hours lecture, 3 hours laboratory.

BIOL 391-392 Biological Research I-II (3, 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 BIOL 200 and/or 300 level courses including 1 or 2 preparatory credits in BIOL 291 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. (Prerequisite: BIOL 320.) 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 320 and 396, or permission of department.) 1 hour lecture.

SCI 122 Earth and Space Science (3)
This on-line course will cover concepts related to Earth and its place in the universe. General topics include: astronomy, meteorology, Earth/Sun relationships, geology, and geomorphology (Fulfills a core requirement for a lab science.) Online.
Business—Accounting—Economics

Charlene Y. Fitzwater, Chair
Jacqueline H. Bull
Regan Garey
Joseph W. T. Pugh
Julie H. Ryan
Harris Tahir
Sister Virginia Assumpta, Emerita
Sister Ann Coyle, Emerita

VISION

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

OUTCOMES

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

• demonstrate understanding of 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.

ACCEPTANCE TO MAJOR

Consistent with University policy, students may formally apply to the department to be accepted as Business Administration, Accounting, Finance, or Marketing Management majors at the end of their freshman year (24 credits), but no later than at the end of the first semester of sophomore year (36 credits). Students may formally apply to the department to be accepted as Business Administration with Business, Computers, and Information Technology with K-12 Certification after 48 credit hours. Once accepted into the program, department majors must maintain an overall GPA of 2.0 in department courses.

REQUIREMENTS FOR MAJOR

• Required of all BS candidates: (Business Administration, Accounting, Finance and Marketing Management): ECO 201, 202, 307; BUS 235, 338; FIN 362; MATH 203-204 or 207-208; PSY 321 or 345 and COM 200 or 350.

• Business Administration (BS): BUS 301, 311, 315, 327, 360, 365, 366, 398/399; ACC 203-204; MKT 309; department elective.

• Accounting (BS): ACC 203-204, 303-304, 313, 314, 317, 398/399, 421, 422, 425; Business 315.


• Marketing Management (BS): MKT 309, 331, 359, 364, 398/399; one Marketing elective; ACC 201; BUS 301, 315, 327, 360, 365.

• International Business Foreign Language (BA): ECO 201, 202, (fulfills the social science requirement); ACC 201; BUS 301; CCS 340, 380; POL 206; MKT 309; THE 314 (fulfills 3 credits of theology requirement); seven language courses (see the Foreign Languages and Literatures Department requirements for courses required in either French or Spanish) and two elective courses taken from the business, accounting, economics, finance or marketing courses.

• Business Administration with Business, Computers and Information Technology with K-12 Certification (BA): ECO 201, 202; ACC 203-204; MATH 203-204 or 207-208; BUS 235, 301, 315, 360, 365; FIN 362; MKT 309; CIS 105, INFO 214, 230, 231. For specific education requirements of this program, see the Education Department.

• Financial Management (BA) an accelerated degree completion program: FIN 301, 302, 303, 311, 323, 340; ECO 201; ORG 301, 303, 304, 307, 312, 320, 390; CCS 341; ENG 242; PHI 384; THE 381. Requirements beyond ACCEL® program by advisement to complete liberal arts core courses and electives as needed for a total of 126 credits.

• Organization Dynamics (BA) an accelerated degree completion program: ORG 301, 303, 304, 307, 312, 320, 342, 343, 344, 345, 382, 383, 390; CCS 341; ENG 242; PHI 384; THE 381. Requirements beyond ACCEL® program by advisement to complete liberal arts core courses and electives as needed for a total of 126 credits.

REQUIREMENTS FOR MINOR

• Accounting: ACC 203-204, 303-304, 317; two courses chosen from ECO 201 or 203; ACC 305, 313, 421, 425,

• Business Administration: ECO 203; ACC 201; BUS 301, 360; choice of three business electives from specified list.

• Economics: ECO 201, 202, 327, 328; two courses chosen from ECO 307, 319, 320, 322.

• Entrepreneurship: BUS 324, 360; ACC 201; MKT 309; two courses chosen from BUS 311, 315, 327, 338, 340, 366; ECO 203; FIN 362.


• Human Resource Management: BUS 311, 318, 338, BUS 315 or 348; two courses chosen from BUS 320, 327, 335, 336.

• Internal Audit: ACC 201 or ACC 203/204, ACC 321, ACC 326; three courses chosen from ACC 329, 334, 336, 337, 338, 339, 340, 341.

• Management Information Systems: BUS 327, 360, CIS 105, INFO 215; two courses chosen from BUS 340, CIS 218, 224, 326, 335; COM 200; INFO 120, 230, 310; INFO 401, INFO 404.

• Marketing: MKT 309, 331, 364; three courses chosen from MKT 350, 351, 352, 353, 354, 355, 356, 357.

REQUIREMENTS FOR ASSOCIATE OF SCIENCE

• Accounting (AS): ECO 201, 202 (fulfills social science requirement); BUS 235, 315, 360; ACC 203-204, choose two from ACC 303-304, 313, 317; department elective; liberal arts core by advisement.

• Business Administration (AS): ACC 203-204; BUS 235, 360; ECO 201, 202 (fulfills social science requirement); four department electives; COM 200 or 350, MATH 203-204 or 207-208, liberal arts core by advisement.

• Business Administration offered through ACCEL® programs (AS): ACC 205, 206; BUS 101, 301, 315; ECO 201, 202; MKT 309; CIS 203; liberal arts core courses by advisement.

CERTIFICATE PROGRAMS

• Internal Auditing: ACC 203-204, BUS 235, BUS 338, ACC 321, BUS 372 or INFO 310, BUS 366, ACC 326, ACC 329; Choice of ACC 303, ACC 304 and ACC 334 or INFO 310, CIS 329 and CIS 332
BUSINESS ADMINISTRATION

BUS 101 Introduction to Business (Offered only through ACCEL® Programs) (3)
Focuses on the general concepts of business. The course provides an introduction to the theories and techniques used by managers in both day-to-day operations and long-range planning.

BUS 110 Expense Management (Offered only through Corporate Education) (1 credit/non-credit)
Techniques to manage controllable expenses are underscored in this two-day course. Managers will study new and innovative approaches to avoiding product shrinkage, monitoring inventory, ordering product in a timely manner, controlling shoplifting, handling cash, and training associates to conserve supplies.

BUS 111 Increasing Sales (Offered only through Corporate Education) (1 credit/non-credit)
This is the capstone course for the Store Manager Development Program. It serves to integrate and put into operation the learning from the other courses in the program with the goal of increasing sales.

BUS 200 Special Topics in Business (1-3)
Current topics which deal with on-going 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 examined include Microsoft Excel, Word, PowerPoint and Access. These applications are applied to presentations, project planning, information display and research.

BUS 301 International Business (3)
The course provides a look at the growing importance of nations engaging in international business. Topics include global trade, global marketing, cultural dimensions, and foreign investment activities that companies must consider in order to compete in the global marketplace.

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. (This course is offered on-line or in the traditional format)

BUS 303 The 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. (See HIS 303)

BUS 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. (This course is offered on-line or in the traditional format)

BUS 315 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 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.

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. The course examines 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).
BUS 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 implemented within an organization for the betterment of the company as well as employees will be discussed.

BUS 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 role, 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.

BUS 338 Business Ethics (3)
This course 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. (Satisfies ethics requirement for department majors).

BUS 340 Topics in e-Commerce (3)
This course is 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 348 Business Employment Law (3)
This course presents a concentration of employment legal issues. Topic focus addresses views from the perspective of both the employer and employee. Identification and implementation of relevant laws will be discussed as well as presented within the case study format.

BUS 360 Business Management (3)
Introduction to the structure and role of business organizations. Emphasis of discussions concentrates on the business strategies of planning, organizing, leading and controlling regarding policies and procedures.

BUS 365 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)

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 theory styles, leader-collaborator relationships, group and organizational dynamics, problem and decision resolution, and conflict resolution.

BUS 398 Business Practicum (3)
An opportunity to engage in business experience in a specific area of the major field. The internship provides an in-depth analysis of practical business field experience to prepare students for career choices. (Instructor permission required) (Graded Pass/Fail)

BUS 399 Business Practicum (3)
An opportunity to engage in business experience in a specific area of the major field. The internship provides an in-depth analysis of practical business field experience to prepare students for career choices. (Instructor permission required) (Graded Pass/Fail)

BUS 401 Independent Study and 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.

BUS 402 Independent Study and 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.

ACCOUNTING

ACC 200 Special Topics in Accounting (1-3)
Current topics which deal with on-going facets of accounting.

ACC 201 Accounting and 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)
Development and application of procedures underlying theories of accounting principles relating to major forms of business organizations.

ACC 204 Accounting Principles II (3)
Development and application of procedures underlying theories of accounting principles relating to major forms of business organizations. This is a continuation of ACC 203. (Prerequisite: ACC 203)

ACC 205 Financial Accounting (Offered only through ACCEL® Programs) (3)
Focuses on the financial aspects of accounting, financial statements, and applications. Emphasis is placed on three forms of business organization.

ACC 206 Managerial Accounting (Offered only through ACCEL® Programs) (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. (Prerequisites: ACC 203 and 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)
Course will include 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. (Prerequisites: ACC 303 and 304)

ACC 313 Federal Income Tax (3)
Study of Federal Income Tax law as it applies to individuals. (Prerequisites: ACC 203 and 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. (Prerequisites: ACC 203 and 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)
This course is 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.

ACC 326 Process Design & Internal Audit (3)
The course covers the design of business processes and the implementation of key control concepts. The course will include 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 the Certified Internal Auditor Certificate. The course will prepare students planning on sitting for the Certified Internal Auditor Exam. (Prerequisite: ACC 201 or 203-204, ACC 321)

ACC 329 Corporate Governance & Accounting (3)
This course will cover the relationships and responsibilities among the board of directors, senior officers, external auditors, internal auditors, various board committees, financial analysts, and institutional investors. Emphasis will be on issues relating to the history as well as the recent developments in Corporate Governance. Topics will include risk management, auditor independence, audit committees, internal auditing, incentives and compensation

ACC 334 Forensic Accounting (3)
This course will include a review 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 statues 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 203-204)

ACC 398 Accounting Practicum (3)
An opportunity to engage in business experience in a specific area of the major field. The internship provides an in-depth analysis of practical business field experience to prepare students for career choices. (Instructor permission required) (Graded Pass/Fail)

ACC 399 Accounting Practicum (3)
An opportunity to engage in business experience in a specific area of the major field. The internship provides an in-depth analysis of practical business field experience to prepare students for career choices. (Instructor permission required) (Graded Pass/Fail)

ACC 401 Independent Study and 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.

ACC 402 Independent Study and 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.

ACC 412 Advanced Accounting I (3)
Theory and practice relating to issues such as branch accounting, acquisitions using purchase or pooling of interest accounting, equity and cost methods of accounting, consolidated accounting issues, accounting for income taxes, and earnings per share. (Prerequisite: ACC 303 and 304)

ACC 422 Advanced Accounting II (3)
Exploration of specialized areas of accounting such as partnership accounting, foreign currency transactions, segment reporting, interim reporting, governmental accounting, and accounting for non-profit organizations. (Prerequisite: ACC 303 and 304)

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)

ECONOMICS

ECO 200 Special Topics in Economics (1-3)
Current topics which deal with on-going 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. (Fulfills social science core requirement)

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. (Fulfills social science core requirement)

ECO 203 Principles of Economics (3)
This course focuses 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. May not be substituted for ECO 201 and 202. (Fulfills social science core requirement)

**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)

**ECO 313 HON: Great Economic Debate (3)**

An examination of current topics in the U.S. and global economy. Debate topics include the economics of poverty and discrimination, and the role of government policies toward coercion and taxation. Global topics include trade policies, sweatshops, the importation of pharmaceutical drugs, and the economics of war. (Prerequisite: GPA of 3.5 required)

**ECO 319 History of Economic Thought (3)**

Survey of the great economists and schools of influence on economic thought. (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 327 Intermediate Microeconomics (3)**

Allocation theory with emphasis on techniques and methods; concentrated study of consumer behavior and the firm. (Prerequisites: ECO 202 or 203, MATH 203 and 204 or MATH 207 and 208)

**ECO 328 Intermediate Macroeconomics (3)**

Aggregate income and employment analysis; within this framework, monetary and fiscal policies are examined and evaluated. (Prerequisites: ECO 201 or 203, MATH 203 and 204 or MATH 207 and 208)

**ECO 401 Independent Study and Research (1-6)**

Designed to provide an opportunity for a senior to engage in independent study and research in a specific phase of the major field.

**ECO 402 Independent Study and Research (1-6)**

Designed to provide an opportunity for a senior to engage in independent study and research in a specific phase of the major field.

**FINANCE**

**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 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; MATH 203 or 207 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. (Prerequisite: ECO 203 or ECO 201 and 202)

**FIN 367 Financial Planning (3)**

An exploration of the field and competencies of financial planning services including development of personal financial plans, liquidity management, financing decisions, insurance, asset allocation, retirement planning, and estate planning. An application approach is taken with case studies and practical examples. (Prerequisite: FIN 362)

**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)**

This course will explore 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 398 Finance Practicum (3)**

An opportunity to engage in a business experience in a specific area of the major field. The internship provides an in-depth analysis of practical field experience to prepare students for career choices. (Instructor permission required) (Graded Pass/Fail)
FIN 399 Finance Practicum (3)
An opportunity to engage in a business experience in a specific area of the major field. The internship provides an in-depth analysis of practical field experience to prepare students for career choices. (Instructor permission required) (Graded Pass/Fail)

FIN 401 Independent Study and 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.

FIN 402 Independent Study and 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.

MARKETING MANAGEMENT

MKT 200 Special Topics in Marketing (1-3)
Current topics which deal with on-going facets of marketing.

MKT 309 Marketing Principles and 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 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 the 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 venues 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 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 359 Marketing Research (3)
The course engages students in the process and purposes of marketing research. Research design, data collection, data analysis, and application of research in problem solving and decision making will be covered. (Prerequisites: MKT 309; 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)
An opportunity to engage in business experience in a specific area of the major field. The internship provides an in-depth analysis of practical business field experience to prepare students for career choices. (Instructor permission required) (Graded Pass/Fail)

FINANCIAL MANAGEMENT (BA) (Offered only through ACCEL® Programs) REQUIREMENTS FOR DEGREE COMPLETION

- Liberal Arts: English (9); world civilization (3); foreign language (3)*; philosophy (6)*; theology (6)*; designated humanities (6)*; social science (9)*; laboratory science (3); mathematics (3). *Three credits each of foreign language, philosophy, humanities, and social science may be met through successful completion of modules within ACCEL®.
- Major: FIN 301, 302, 303, 311, 323, 340; ECO 201; ORG 301, 303, 304, 307, 312, 320, 390; CCS 341; ENG 242; PHI 384; THE 381.
- Electives as needed to complete a total of 126 credits.

FIN 301 Accounting for Financial Managers I (3)
The course examines financial accounting theory and generally accepted accounting principles. It emphasizes income measurement, valuation of tangible and intangible assets, and accounting for liabilities and shareholders’ equity. Financial statement presentation and disclosure are covered.

FIN 302 Accounting For Financial Managers II (3)
The focus of this course is on managerial accounting: the study of accounting information needs for internal management. The course examines financial statements and how data in the statements are relevant and used to analyze a business enterprise. Financial ratio analysis will be introduced to weigh and evaluate the relative operating performance of a firm. Various measures will be examined in light of industry norms and historical trends.

FIN 303 Corporate Finance (3)
This course examines the primary goals of financial managers and the daily activities necessary to achieve those goals. Topics include working capital management, the time value of money, valuation processes, and rates of return, cost of capital, and long-term financing.
FIN 311 International Financial Markets (3)

The course emphasizes financial management of firms with significant international activities. The topics covered are varied and include accounting for international firms, trace, national balance of payments, financial issues of currency exposure and global funding, topics of project financing, multinational capital budgeting and mergers and acquisitions. Additionally, the course addresses financial and political risks involved when domestic firms expand internationally.

FIN 323 Principles of Investments (3)

This course aims to provide an understanding of a wide range of investment choices available to investors and the management of those investments. The content covers several investment vehicles including stocks, bonds, mutual funds, and derivatives.

FIN 340 Strategic Financial Planning (3)

This course introduces students to various financial management planning models and techniques as reflected in business practice and theory. It stresses concepts of financial management and strategy.

ECO 201 Principles of Macroeconomics (3)

A study of the overall economy with emphasis on inflation, unemployment, and government policies and their effect on both long- and short-term economics growth. (Fulfills social science core requirement)

ORG 301 Group and 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.

ORG 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 proposal which typically is work-related.

ORG 304 Organizational Communications (3)

Investigates the role of communication in creating a productive organizational environment. Aids students in developing and strengthening their communication skills by focusing on interpersonal, group, and presentation skills.

ORG 307 Adult Development and Life Assessment (3)

Introduction to adult development theory, linking concepts to life experiences through a process of individual reflection. Classical and contemporary adult development theories are examined to provide paradigms for self-analysis and life assessment.

ORG 312 Introduction to Applied Research (3)

This course introduces students to the research design process and hone analytical thinking skills. It includes one on-campus meeting devoted to library orientation, investigation of campus resources, and an introduction to the writing center. Students begin their research project with a literature review and receive assistance in establishing topics for their research proposal. Students create a research problem statement and consider basic research design elements.

ORG 320 Research and Analysis Using Statistics (3)

An introduction to research and its tools with specific emphasis upon helping students with the requirements of their research proposal. Content includes research design, descriptive and inferential statistics using Microsoft Excel. Students are given the opportunity to critique business research studies and discuss managerial decision-making.

ORG 390 Research Methodology (3)

In this course, students formulate a research problem statement, identify a hypothesis, possible interventions and analyses. Students make a professional presentation of their own research topics.

CCS 341 Cultural Modes of Expression in the Global Community (3)

An exploration of the nuances of intercultural expression for an awareness and sensitivity needed for mutual understanding in international affairs.

ENG 242 Writing for Applied Research (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.

PHI 384 Organizational Ethics (3)

A study of ethical situations in organizations, accountability in government, respect for human rights, and responsibility for contemporary life choices. Ethical theories and personal values are examined through readings and analysis of situations in organizations.

THE 381 Foundations of Spiritual Freedom (3)

This course explores the foundations of morality and adult spiritual formation. Through study of the Biblical roots of holiness, a focus on Christ as model, and an analysis of virtue, the student will come to know the path to authentic freedom.

ORGANIZATION DYNAMICS (BA) (Offered only through ACCEL® Programs)

REQUIREMENTS FOR DEGREE COMPLETION

• Liberal Arts: English (9); world civilization (3); foreign language (3)*; philosophy (6)*; designated humanities (6)*; social science (9)*; laboratory science (3); mathematics (3). *Three credits each of foreign language, philosophy, humanities, and social science may be met through successful completion of modules within ACCEL®.

• Major: ORG 301, 303, 304, 307, 312, 320, 342, 343, 344, 345, 382, 383, 390; CCS 341; ENG 242; PHI 384; THE 381.

• Electives as needed to complete a total of 126 credits.

ORG 301 Group and 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.

ORG 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 proposal which typically is work-related.
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ORG 320 Research and Analysis Using Statistics (3)
An introduction to research and its tools with specific emphasis upon helping students with the requirements of their research proposal. Content includes research design, descriptive and inferential statistics using Microsoft Excel. Students are given the opportunity to critique business research studies and discuss managerial decision-making.

ORG 342 Managerial Economics (3)
A focus on the principles of economics as needed to be understood and utilized by managers and supervisors in all fields. In an era of “downsizing” or “rightsizing” resulting from international competition and globalization in our American way of life, managers at every level must understand and be able to use the principles of economics in making sound decisions.

ORG 343 Marketing in a Global Economy (3)
This course provides basic marketing theory and terminology as applied to real-world cases exploring domestic and international marketing opportunities and problems. Students gain the skills and confidence to identify and evaluate critical marketing data so that they can develop workable and successful programs to solve problems and capitalize on opportunities.

ORG 344 Accounting and Finance for Managers (4)
This course explores fields of accounting and finance critical to every business situation. Many of the topics are interrelated, but some are studied in isolation. The focus of the course is on understanding accounting and finance principles as reflected in financial statements, their relationship to each other, and how data in financial statements are used in evaluation, planning, and control in an organization.

ORG 345 Issues in Management (3)
An examination of motivational theory and its application to individual and group functioning in work and home situations. Leadership styles related to particular circumstances are analyzed. Negotiation and analysis of productivity are included. General issues of managing change in organizations are also considered.

ORG 382 Human Resource Issues (3)
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.

ORG 383 Strategic Planning (3)
This module introduces students to various management planning models and techniques and applies them to business cases. It stresses the concepts of strategic planning and strategic management.

ORG 390 Research Methodology (3)
In this course, students formulate a research problem statement, identify a hypothesis, possible interventions and analyses. Students make a professional presentation of their own research topics.

CCS 341 Cultural Modes of Expression in the Global Community (3)
An exploration of the nuances of intercultural expression for an awareness and sensitivity needed for mutual understanding in international affairs.

ENG 242 Writing for Applied Research (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.

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A study of ethical situations in organizations, accountability in government, respect for human rights, and responsibility for contemporary life choices. Ethical theories and personal values are examined through readings and analysis of situations in organizations.

THE 381 Foundations of Spiritual Freedom (3)
This course explores the foundations of morality and adult spiritual formation. Through study of the Biblical roots of holiness, a focus on Christ as model, and an analysis of virtue, the student will come to know the path to authentic freedom.
Chemistry
James K. Murray, Jr., Chair
Kathryn A. Lysko
Jiangyue (Luna) Zhang
Sister Ann Immaculata Gallagher, Emerita

VISION
The Chemistry Department offers an academically rigorous, growing, and competitive undergraduate program in chemistry. The chemistry department offers courses which both provide a basic foundation in chemical concepts for liberal arts students, allied health science students, and nutrition majors and impart a basic understanding of the physical and chemical processes of living systems at the molecular level to students concentrating in science and to student nurses. The knowledge gained through the chemistry programs, 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.

OUTCOMES
Upon completion of courses in the chemistry program, students will be able to:
• exhibit foundational knowledge of chemical concepts (for non-science, allied health, and nutrition students);
• demonstrate a basic understanding of the physical and chemical processes of living systems at the molecular level;
• Identify concepts that govern chemical processes and the develop the analytical skills necessary to solve numerical problems;
• 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 data;
• demonstrate awareness and understanding of historical and current topics in chemical sciences;
• 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.

REQUIREMENTS FOR FORMAL ADMISSION TO CHEMISTRY MAJOR
In order to enroll in the initial majors’ courses in the Chemistry Department, the following prerequisites must be met:
• a grade of B or higher in a 1 year high school chemistry course (completed within the previous 5 years) or Grade of B or higher in CHEM 101-102, at Immaculata University;
• performance on Immaculata Mathematics Placement Test sufficient for admission to MATH 207-208 or a grade of B or higher in MATH 203-204, 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.

REQUIREMENTS FOR PREPROFESSIONAL PROGRAM FOR MEDICAL SCIENCES
Students preparing for a career in medicine, dentistry, optometry, podiatry, or veterinary medicine will complete the following professional school requirements: BIOI 234, 306; CHE 103-104, 211-212; PHY 203-204; and MATH 207-208 or 301-302
Participation in Preprofessional Internship (SCI 351-352) is recommended. Academic advisement for this program is provided by the Advisory Committee for the Health Professions.

POLICY ON FORMAL ACCEPTANCE IN A CHEMISTRY MAJOR
Formal acceptance into a baccalaureate major is generally made when a student has completed the first semester of sophomore year (45 credits). This confirms that a student is sufficiently prepared for the rigors of upper-level undergraduate study in that major.
Students must meet the formal acceptance requirements for the major before they will be permitted to continue in the major.
Full-time students who enroll in one of these majors in the first semester of their first year can complete all of the requirements for formal acceptance in two years provided they maintain satisfactory performance in all courses. Students who are not on the scheduled sequence of courses for reasons such as transfer, deferment, change of major, repeating courses will take longer to complete the degree requirements for graduation.

REQUIREMENTS FOR FORMAL ACCEPTANCE
In order to be formally accepted into a 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, CHE 211-212, and MATH 207-208 or 301-302.
* 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.

REQUIREMENTS FOR MAJOR
There are six tracks offered within the Department of Chemistry. Required courses for each track are listed below.
• Chemistry (BA): CHE 103-104, 200, 211-212, 304, 312-312, 317, 320, 330, 310/315/318/331, 350-351; MATH 207-208 or 301-302; PHY 203-204; PSY 208 (Statistics).
• Chemistry (BA) – Biology (BA): In addition to the courses listed above for the B.A. in Chemistry, the student must also take BIOL 233, 234, 305, 306, 307, 308, and one from 310/323/335/365.
• Chemistry (BA) with Secondary Education Certification: CHE 103-104, 202, 211-212, 304, 313-314, 317; MATH 207-208 or 301-302; PHY 203-204; CIS 201/204/207.
• Chemistry (BA) with Minor in Information Technology: CHE 103-104, 200, 211-212, 313-314, and two upper division courses from the following: CHE 304/310/315/318/330; INFO 101-102/214, 230-231, 310; CIS 218, 224 335; MATH 216, 207/301 or 208/302; PHY 208.
• Chemistry (BA) with Minor in Business: CHE 103-104, 200, 211-212, 313-314, and two upper division courses from CHE 304/310/315/318/330, ECC 203, 307; ACC 201; BUS 309, 311, 315, 360; FIN 362; choose one of FIN 325/FIN 367; choose one of BUS 364/366 and either MATH 207-208 or 301-302 depending upon placement.

REQUIREMENTS FOR MINOR
• Chemistry: CHE 103–104, CHE 211-212 and three upper division courses from the following: CHE 304, 310, 313, 314, 318, 320, 330;
• MATH: 207-208 or 301-302.
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.

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. (Fulfills core requirement.) 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. (Fulfills core requirement.) 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. 3 hours lecture, 3 hours laboratory. Pre- or Co- requisite: MATH 207 or MATH 301. Prerequisite: Secondary school chemistry with at least a B grade or CHEM 101-102 at Immaculata with at least a B grade, or permission of the instructor.

CHE 104 Fundamental Chemical Concepts II (4)
A systematic study of the theories and principles governing the composition and behavior of matter. 3 hours lecture, 3 hours laboratory. Pre- or Co- requisite: MATH 208 or MATH 302. Prerequisite: Secondary school chemistry with at least a B grade or permission of the instructor. (Prerequisite: CHE 103)

CHE 105 Forensic Science I (3)
An introduction to the terminology and techniques used in forensic science. The course will include basic, analytical, and organic chemistry as applied to DNA evidence, trace analysis, laboratory equipment, analysis of data, crime scene analysis and other relevant forensic topics. (Fulfills core requirement.) 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 basic, analytical, and organic chemistry as applied to DNA evidence, trace analysis, laboratory equipment, analysis of data, crime scene analysis and other relevant forensic topics. (Fulfills core requirement.) 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 112 Topics in Education (1-3)
Special topics courses focusing on aspects of science and chemistry. May be used to satisfy Act 48 hours.

CHE 200 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. 2 hours lecture, 2 hours laboratory. (Open to students who are not concentrating in chemistry.) (Prerequisite: CHE 101-102 or 103-104)

CHE 202 Introductory Biochemistry (3)
An introduction to the study of lipids, proteins, carbohydrates, and nucleic acids in relation to metabolism. 2 hours lecture, 2 hours laboratory. (Open to students who are not concentrating in chemistry.) (Prerequisite: CHE 201)

CHE 211 Organic Chemistry I (4)
A comprehensive study of the structure, reactions, and reaction mechanisms of organic compounds. 3 hours lecture, 3 hours laboratory (Microscale). (Prerequisite: CHE 103-104)

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. 3 hours lecture, 3 hours laboratory (Microscale). (Prerequisite: CHE 211)

CHE 303 Independent Study (1-6)
Independent study of advanced topics in chemistry with permission and guidance of a Chemistry Department faculty member.

CHE 304 Instrumental Analysis (4)
Gravimetric, volumetric, and instrumental analysis with emphasis on application of analytical separation techniques. 2 hours lecture, 4 hours laboratory. (Prerequisite: 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, 1D&2D NMR, multi-nuclear NMR, advanced NMR methods, and electron spin resonance (ESR). 3 hours lecture. (Prerequisite: CHE 211-212)

CHE 311 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 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 of chemistry from alchemy to nuclear reactions. 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 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)

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 (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, writing a research proposal, 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 351 Seminar in Chemistry (1)
The second semester of a two-semester senior capstone experience. The focus includes the different aspects of chemical research such as: choosing an appropriate research project, writing a research proposal, 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 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.

SCI 351 Preprofessional Internship (No credit)
Field work in hospitals, health, or research centers. Thirty hours a semester. (Open to sophomores, juniors, and seniors by arrangement with staff.)

SCI 352 Preprofessional Internship (No credit)
Field work in hospitals, health, or research centers. Thirty hours a semester. (Open to sophomores, juniors, and seniors by arrangement with staff.)
The Education Division offers a major in Education that is aligned with Pennsylvania certifications in PreK-4, 4-8, and Special Education PreK-8 (with PreK-4). At the Secondary level (K-12 or 7-12), students must complete a major in the specific content area of certification along with the required education courses.

VISION
The Education Division seeks to promote authentic, knowledgeable, and exemplary professionals by encouraging inquiry, analysis, creativity, and Christian values. To that end, studies related to skills, knowledge, values, ethics, and professional standards are provided.

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 learning process for the individual student;
- display ability to address educational issues in contemporary society.

GENERAL REQUIREMENTS
Program requirements are in compliance with state and federal guidelines. Students who desire to teach make application no later than the first semester of their sophomore year. In addition to specific standards of each certification area, general initial admission criteria include:
- scholastic record of 3.0 or above;
- satisfactory completion of interview by the Teacher Education Committee;
- satisfactory completion of six semester hours in mathematics and six semester hours of English (composition and literature).
- completion of 30 hours of volunteer activities (CUS students)

The following are standards for retention in the program:
- evidence of professional growth as demonstrated by successful completion of assigned field experiences;
- maintenance of at least a 3.0 average in major area;
- maintenance of at least a B- grade in every course in the professional sequence, and a 3.0 average in the professional sequence.

GENERAL REQUIREMENTS FOR EDUCATION MAJOR
In order to complete the Education Major, students must meet all certification requirements. Within the Education Major are the following certification options:
- PreK-4 Certification: EDU 201-202, 203-204, 290, 301, 302, 310, 317, 318, 319, 320, 331, 338, 345, 346, 352, 361, 362, 381, 384, 393; SOC 306; PSY 202, 203, 303
- Grades 4-8 Certification: EDU 201-202, 203-204, 290, 301, 302, 310, 330, 346, 381, 384, 393; PSY 204, 303, 324; ENG 272. (A 30-credit Middle Level concentration is a requirement with 12 credits in three Middle Level areas. Areas include: English, Mathematics, Social Studies, Science.)
- Special Education (PreK – 8) Certification: All PreK-4 courses with SPED 385, 386, 388, 389.
(Note: Secondary and K-12 certification students major in the content area of their certification.)

CERTIFICATION REQUIREMENTS
To become eligible for certification from Immaculata University a student must:
- attain a minimum cumulative GPA of 3.0;
- maintain at least a 3.0 average in the specific area of certification;
- maintain a grade of at least B in every course taken in the professional sequence with a 3.0 average;
- attain a grade of at least B for the student teaching experience;
- attain at least the criterion level of 3 (good) for each of the competency areas on the checklist of the professional sequence;
- present evidence of having passed the PDE Prescribed Testing Program (Praxis I and II).

N.B. Institutional pass rate information is available at the following site: www.title2.org/title2.org/default.asp

PDE INSTRUCTIONAL CERTIFICATION CHANGES
For instructional certificates issued before September 1, 2013, the grade level limitations shall be the following:
- Early childhood (prekindergarten through grade three or ages 3 through 8);
- Elementary (kindergarten through grade six or ages 4 through 11);
- Special education (prekindergarten through grade twelve or up to age 21).

INSTRUCTIONAL CERTIFICATES ISSUED BEFORE September 1, 2013, REMAIN VALID FOR THE TERM OF THE CERTIFICATE FOR THE GRADE SPANS AND AGE LEVELS OUTLINED ABOVE.

All candidates in the current early childhood, elementary, and special education (N-12) programs must complete all certification requirements by August 31, 2013, including testing and submitting an application to PDE. PDE will issue certificates to candidates whose complete applications are received by that date.

The grade level limitations for new certificates issued after September 1, 2013, will be:
- PreK-4
- 4-8
- Special Education (PreK-8) with a dual certificate in PreK-4.

PDE will only issue the new Pre K-4, 4-8, and Special Education Pre K-8 certificates beginning on September 1, 2013, for candidates who have completed the approved programs.
REQUIREMENTS FOR ELEMENTARY, EARLY CHILDHOOD, AND ELEMENTARY/SPECIAL EDUCATION* CERTIFICATIONS
*Special Education: Cognitive, Behavior, Physical/Health Disabilities (CBP/HD) (N-12) (for students enrolled prior to September, 2010, and eligible for PDE certification prior to September 1, 2013, only)

- **Elementary Certification:** EDU 201-202, 203-204, 290, 301, 302, 310, 331, 338, 341, 346, 347, 381, 382, 384, 383, PSY 324 (A Middle Level concentration is a requirement with this certification.)
- **Early Childhood Certification:** EDU 201-202, 203-204, 290, 301, 302, 310, 331, 338, 346, 347, 361, 362, 381, 382, 384, 393, PSY 324.
- **Special Education (CBP/HD) Certification:** EDU 201-202, 203-204, 382, 383.

REQUIREMENTS FOR SECONDARY EDUCATION CERTIFICATION
- For students preparing to teach in the secondary school, it is possible to obtain certification in the following areas: biology (7-12), business/computers/information technology (K-12), chemistry (7-12), English (7-12), French (K-12), family and consumer science (K-12), mathematics (7-12), music (K-12), social studies (history) (7-12), and Spanish (K-12). Secondary students major in the certification content area.
- **Secondary Certification:** EDU 201-202, 203-204, 290, 301, 302, 310, 325, 330, 381, 384, PSY 303, 324.

Please Note: All certification candidates must complete nine credits of special education and three credits of teaching English language learners. All certification programs incorporate these credits in required courses. This PDE requirement is effective for certifications awarded after January 1, 2013.

NOTE: All certifications (including course requirements) are subject to change to comply with the most current PDE regulations. At the time of application for certification, students must be in compliance with the most current University requirements and PDE regulations. 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.

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, the 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 325 or EDU 346 Student Teaching Experience**

First semester of senior year: full-time, daily experience for students in the College of Undergraduate Studies. Students in College of LifeLong Learning may student teach either in the fall or spring. (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.

Applications for Student Teaching must be made by the date designated prior to Student Teaching (Fall semester of junior year for College of Undergraduate Studies students. Students in the College of LifeLong Learning must make their application for Spring Student Teaching in early January and in early September for Fall Student Teaching).

Special Education: Students are required to complete a 30-hour field experience during EDU 383 or a 40-hour field experience during SPED 389 (ordinarily, second semester of senior year).

**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.

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.

**BA/MA PROGRAM**

Students who graduate with certification and a GPA of 3.5 may pursue a Master’s Degree in Educational Leadership. The program must be begun within one year of graduation.

**EDUCATION**

**EDU 200 Topics in Education (1-3)**

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. (Fee applies)

**EDU 202 Sophomore II Field Experience (0)**

Students participate in a 40-hour field experience in an urban setting. (Fee applies)
EDU 203  Junior I Field Experience (0)
Students participate in a 40-hour field experience with initial teaching and managing responsibilities (in conjunction with EDU 310). (Fee applies)

EDU 204  Junior II Pre-Student Teaching (0)
Students participate in a 70-hour (10 full days) pre-student teaching experience 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. CUS students: A 40 hour field experience is required (EDU 202).

EDU 301  Social Foundations of Education (3)
Extensive study of the school in contemporary America with emphasis on the three primary societies of family, church, and state in the education of children.

EDU 302  Educational 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. CUS students: A 40 hour field experience is required (EDU 201).

EDU 310  Orientation to Teaching (3)
Approaches to teaching and learning at all grade levels. Topics include: effective teaching strategies applicable to all content areas, reflective decision making, issues of professionalism, student diversity, lesson planning, classroom management and practical application of these concepts. A 40-hour field experience is required.

EDU 317  Language Arts Methods (3)
An introduction to the reading/writing connection in the teaching of language arts to the PreK-4 child, including: types of writing, quality of writing, speaking and listening, as well as characteristics and functions of the English language.

EDU 318  Social Studies Methods (3)
This course is designed to introduce pre-service, PreK-4 teachers to curriculum and instructional methods used by professional, elementary level, social studies educators. This course will expose students 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)
This course is designed to address mathematics instruction consonant with the developmental needs of the PreK-4 student within the framework of helping to build children’s beliefs about what mathematics is, about what it means to know and do mathematics, and about establishing children as mathematical learners.

EDU 320  Science and 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. The content areas of biology, earth and space science, the physical sciences, and the use of technology will be explored. Students will develop curriculum materials containing both lessons and activities which demonstrate an understanding of the national and Pennsylvania state standards for science.

EDU 325  Student Teaching: Secondary (6)
See Field Experiences and Student Teaching above. (Fee applies)

EDU 330  Reading in the Content Areas (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 students’ learning and thinking with reading materials.

EDU 331  Creative Thought and 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. Students’ preparation and presentation of integrated units of study for these areas will also be developed.

EDU 335  Child Development (3)
An introduction to the study of human development, including: theories of development, infant development, characteristics of the developmenal process, and the application of these concepts. The content areas of biology, earth and space science, the physical sciences, and the use of technology will be explored. Students will develop curriculum materials containing both lessons and activities which demonstrate an understanding of the national and Pennsylvania state standards for science.

EDU 338  Children’s Literature (3)
This course is designed to introduce pre-service teachers to various types of juvenile literature including drama. The course encourages extensive reading on selected levels and also provides the opportunity for pre-service teachers to examine the integration of literature across the curriculum. This course will also focus on the development, implementation, and modification of the reading curriculum through the lens of authentic fiction and non-fiction reading material. There will be a focus on the application of literacy strategies as applied to examples found in literature written for children in Grades Pre-K-4 as well as for students seeking Grades 4-8 certification.

EDU 341  Survey of Curriculum Standards (3)
Examination and discussion of current state and national standards governing the disciplines of social studies, mathematics, and science in the elementary classroom. Study of resources used in teaching content, attitudes, and skills as well as student preparation and presentation of materials for these curriculum areas.

EDU 345  Fundamentals of Reading Instruction (3)
This course will 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 346  Student Teaching: Elementary (6)
See Field Experiences and Student Teaching above. (Fee applies)

EDU 347  Reading and Writing Connections (3)
Integration of the language arts curriculum (K-6) will be considered. Various methods and techniques for teaching and assessing reading and writing in the elementary school will be studied and evaluated. Emphasis will focus on the developmental aspects of the language arts from emergent literacy to content area reading.
EDU 352 Differentiated Reading Instruction (3)
This course will 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 361 Early Childhood Education I (3)
An introduction to the field of early childhood education with emphasis on philosophy, program planning, the importance of play, and the curricular implications of the emotional and physical development of young children.

EDU 362 Early Childhood Education II (3)
A continuation of Education 361 with emphasis on the curricular implications of the social, intellectual, and creative development of young children. Also includes working with parents of young children. (Prerequisite EDU 361).

EDU 381 Introduction to Special Education (3)
This is a 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 also included.

EDU 382 Role of the Special Education Teacher (3)
A continuation of 381 with greater emphasis on the specific responsibilities of the special education teacher within the classroom and school. This includes developing, implementing, and managing individual education programs, assessment, instruction, collaboration, and the legal rights of children and parents. (Prerequisite: EDU 381).

EDU 383 Strategies for Special Education (3)
Assessment, curriculum, and instructional strategies for the special education teacher working with a moderately- to severely-impared population within a self contained classroom or in a separate school setting. Knowledge of programs and services within the school and the community that support children and youth with special needs. Required field experience in a special setting. (Prerequisite: EDU 381).

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. Response to Intervention models are utilized to allow for appropriate educational decision making for these diverse learners. (Prerequisite: EDU 381).CUS Students: A 70 hour field experience is required (EDU 204).

EDU 393 Assessment: Theory and Practice (3)
Contemporary issues related to testing, grading, evaluation, and accountability are addressed. Students will learn how to develop and use a variety of evaluation methods to monitor student academic achievement and teaching effectiveness.

EDU 401 Independent Study and Research (1-6)
Opportunity for individual study and independent research in a specific phase of education with the approval of the department.

EDU 402 Independent Study and Research (1-6)
Opportunity for individual study and independent research in a specific phase of education with the approval of the department.

SPED 385 Procedures/Process in 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 (PBS) created as a result of comprehensive, multidisciplinary student evaluations/assessments (Evaluation Reports—ER, Functional Behavior Assessments—FBA) of students with disabilities in school settings. Contents capture global procedures for screening/assessment, referral, classification, placement, instructional programming aligned with state standards and progress monitoring (data collection systems). (Prerequisite: EDU 381).

SPED 386 Strategies for High Incidence Disabilities (3)
This course covers 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, 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. (Prerequisites: EDU 381 and EDU 384).

SPED 388 Characteristics/Causes of 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 for 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).
English/Communication

Melanie Kisthardt, Chair
Rita Colanzi
Denine Ellis
Sean Flannery
Sister Elaine Glanz
Sister Marie Hubert Kealy
Sister Marcille McEntee
James Mooney
Stacy L. Skirvan

VISION

With belief in the core values of Immaculata University, the English/Communication department remains faithful to the university’s Christian values, demonstrates ongoing care among faculty and students, maintains integrity in its quality programs and courses, and models scholarship in its faculty and student achievements. In the spirit of service and teamwork, the department’s programs enhance the way students write and communicate and foster critical thinking in students across the curriculum. The department confirms its ongoing commitment to producing excellent writers, teachers, professionals, and graduate students.

OUTCOMES

The English/Communication Department offers courses in 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
• respond to literary works with clearly written essays that demonstrate creative and independent thought.

In the upper-level English courses offered by the English/Communication department, 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
• develop skills to achieve proficiency in analyzing 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 offered by the English/Communication department, 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 digital communication
• 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
• successfully complete internships as concrete preparation for future careers
• prepare for positions in the field of professional communication or for further study in applied communication.

REQUIREMENTS FOR MAJOR IN ENGLISH

• English (BA): ENG 260, 299, 400, and six credits from ENG 261-275, excluding ENG 271 and ENG 272; fifteen additional credits from 300-level English courses, including three credits from each of the following: British pre-1600, British 1600-1900, American pre-1900, American post-1900, and three credits from any 300-level course.
• English (BA) with Secondary Education: Requirements as listed above. 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. Students seeking Middle School Certification must take ENG 271 and ENG 272 to fulfill PDE requirements. All students seeking PDE certification in education after January 2013 will be required to complete 9 credits in special education and 3 credits in ESL.

REQUIREMENTS FOR MAJOR IN COMMUNICATION

Students choose one of three tracks within the communication major: Organizational Communication, Public Relations and Journalism, and Digital Communication.

The following courses are required of all candidates: ENG 299; COM 305, 308, and 406 (or CIS 410 for Digital Communication); 6 credits 200-level literature courses (except Digital Communication); INFO102 or 214 (Digital Communication—INFO 214).

• Organizational Communication (BA): COM 200, 250, 340, 350; BUS 360 or 336 Nine credits from COM 330, 401-402; BUS 301, 309, 315, 327; INFO 120 or 214 or 215 or 230; FIN 362. This program can easily be combined with minors, such as Entrepreneurship, Business, or Marketing.
• Public Relations and Journalism (BA): COM 206, 239, 306, 308, 330, 337, 350. Six credits from COM 200, 224, 226, 227, 250, 307, 403(PR); CCS 340; INFO 120 or 214 or 215 or 230.
• Design Track: Fifteen credits from among: CIS 105, INFO 214, 215, 230, 404; BUS 340; ART 102, 105, 201, 302, 305, 311, 320; COM 350.
REQUIREMENTS FOR MINORS

- **Communication**: Eighteen credits from the English/communication offerings to include ENG 299; COM 305, 403; INFO 215.

- **American and British Literature**: Eighteen credits. Six credits from ENG 261-275 (except ENG 271 and ENG 272); twelve credits from 300-level English courses. (Designed for non-English majors.)

- **Irish Studies**: Eighteen credits. Required: IRL 101; ENG 349; HIS 218. Nine additional credits from: IRL 102; ENG 275; ENG 368; POL 337; BUS 301, PED 229. Special topics (1 credit) in History (200) and English (275) vary each semester.

- **Public Relations and Journalism**: Eighteen credits. COM 206 or INFO 215; COM 226, 239, 403; two courses chosen from COM 250, 337; INFO 102 or 120 or 214 or 230; CCS 340; MKT 309.

- **Film Studies**: Eighteen credits. COM 225, HIS 239; four courses chosen from COM 232, 233, 270; COM 258/PSY 338; ENG 314; HIS 209, 210, 211, 217; POL 216, THE 219.

Credits to satisfy major concentration requirements must be earned at Immaculata, unless special permission to transfer credit is granted.

REQUIREMENTS FOR ASSOCIATE OF ARTS

- **English (AA)**: Eighteen credits to include: 100-level literature; ENG 299; six credits from ENG 261-275 (except ENG 271 and ENG 272); and six credits from 300-level English electives.

- **Communication (AA)**: Eighteen credits to include: 100-level literature; three credits from ENG 261-275 (except ENG 271 and ENG 272); COM 305; and nine credits chosen from the communication electives.

CERTIFICATE PROGRAMS

- **Certificate in Professional Communications**: A program designed for the working professional who wants to enhance his/her communication skills. Requirements include: COM 200 and 250, and twelve elective credits. Electives may be chosen from three-credit courses or one-credit special topic offerings including: COM 206, 224, 226, 227, 239, 305, 307, 308, 330, 337, 340, 350; BUS 331; INFO 102, 120, 214, 215, 230, and CIS 335.

- **Certificate in Irish Studies**: An interdisciplinary program that may be taken for cultural enrichment or for academic credit. Requirements include six credits of language and literature and six credits chosen from electives in language, literature, 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.

ENGLISH HUMANITIES CORE: All students pursuing a baccalaureate degree must complete six credits in composition to fulfill core requirement.

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. (ENG 106 is prerequisite for ENG 107.)
EN 260 Literary Analysis and Research (3)
An introduction to methods of research required for literary studies with emphasis on the most useful print and electronic secondary sources. (Required for all English majors; should be taken during sophomore year.)

EN 261 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.

EN 262 Twentieth 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.

EN 263 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.

EN 264 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.

EN 265 Modern Women Writers I: Fashioning “A Room of One’s Own” (3)
An exploration of the energies, purposes, attitudes, and literary contributions of modern and contemporary women writers.

EN 266 Modern Women Writers II: Furnishing “A Room of One’s Own” (3)
A study of the work of women writers of mid- and late twentieth century. While EN 265 is not a prerequisite for this course, its background provides a helpful framework for this sequel.

EN 267 African-American Literature I: Captivity to Freedom (3)
This course explores 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.

EN 268 African-American Literature II: Transforming Identity (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 267 is not a prerequisite for this course.)

EN 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. (Required for Middle School Certification. Recommended for Secondary Certification.)

EN 272 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, globalization, diverse audiences and subject matter. (Required for Middle School Certification. Recommended for Secondary Certification.)

EN 275 Special Topics in Literature (1-3)
Varied approaches to authors, themes, and literary genres.

EN 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. (Required for all English and communication majors.)

EN 314 Film Adaptations of 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.

EN 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.

EN 329 Ancient and 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.

EN 337 History of the English Language (3)
An introduction to the development of modern English, with historical background providing proper perspective for examination of current linguistic trends. (Fulfills the requirement for a linguistics course for students pursuing secondary certification in English.)

EN 338 Linguistics: Introductory Readings (3)
A study of linguistic systems and related topics including language acquisition and comprehension, brain theory, language bias, and non-verbal communication. (Fulfills the requirement for a linguistics course for students pursuing secondary certification in English.)

EN 340 Chaucer (3)
A study of Chaucer’s major works, with special emphasis on The Canterbury Tales.

EN 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.

EN 342 Renaissance Literature (3)
An introduction to representative works of English literature of the 16th and 17th centuries, exclusive of Shakespearean drama.

EN 343 Shakespeare (3)
A concentrated study of selected major comedies, histories, and tragedies with an introduction to Shakespearean criticism.
ENG 344 Restoration and Eighteenth Century Literature (3)
An introduction to representative works in English literature 1660-1775.

ENG 346 Romantic Literature (3)
A study of Blake, Wordsworth, Coleridge, Shelley, Keats, Byron, with an additional focus on contemporary essayists and writers of Gothic fiction.

ENG 348 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 Irish Literature (3)
An introduction to selected works in classical and contemporary Irish literature.

ENG 350 Major American Writers I (3)
A study of major American writers with concentration on Emerson, Thoreau, Poe, Hawthorne, and Melville.

ENG 351 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 Major American Writers III (3)
A study of major American writers from the late 20th century and contemporary literature.

ENG 355 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 365 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 367 Irish Drama (3)
Discussion of major Irish playwrights from Sean O’Casey to the end of the twentieth century.

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.)

ENG 402 Advanced Research (3)
An opportunity to continue research begun in ENG 401. (Agreed upon by the student and instructor with permission of the department. ENG 401 is a prerequisite for ENG 402.)

COMMUNICATION

COM 190, 290, 390, 490 Theatre Practice (1, 1, 1, 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 and Technical Writing (3)
An introduction to style and forms in business and technical writing with emphasis on direct sentence patterns and clear language.

COM 206 Journalism (3)
An introduction to the fundamentals of journalistic writing. Opportunity for internship experience.

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 224 Writing for the Web (3)
This course will offer a largely collaborative, ethically-conscious introduction to the writing vein of professional website development by investigating such elements as structure, style, visuals and design.

COM 225 Film Theory and Criticism (3)
Exposure 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 print and non-print media.

COM 227 Decoding the Media (3)
An analysis of how media values shape American lives and culture.

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 Film (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. (Prerequisite: COM 232)

COM 236 Children’s Theatre (3)
Introduction to stagecraft with practical applications to productions for children.
COM 239 Introduction to Public Relations (3)
This course focuses on how the discipline of public relations evolved, and how public attitudes are influenced by the media. Students will also 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 243 Contemporary Issues in Professional Writing (2)
An introduction to the range of career opportunities and responsibilities within the field of professional writing through article presentations, writing workshops, and discussion/research on current issues. The spring externship will be incorporated into this class. English majors interested in internships should complete the course in their sophomore or junior years.

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 258 Psychology through Literature and Film (3)
Interdisciplinary approach to the study of psychology through literature and film. (See Psychology 338.)

COM 270 Special Topics in Communication (1-2)
This independent research helps to enhance academic rigor while applying theories or processes to a specific field in communication studies.

COM 305 Communication Theory (3)
Introduction to theories and principles of communication as they apply to various communication environments, such as interpersonal, small group, organizational, and public communication. (Required for all communication majors.)

COM 306 Advanced Reporting and Feature Writing (3)
Planning, researching, and writing in-depth news projects and features with attention to writing for radio and television. (Prerequisite: Communication 206 or approval of instructor).

COM 307 Publication Design and Editing (3)
Introduction to the skills involved in the preparation of materials for publication including copy editing, headline writing, layout design, and photo-editing.

COM 308 Media Ethics and Law (3)
A survey of first amendment theory and history; ethical and legal issues concerning libel, privacy, obscenity, newsgathering, access; censorship and copyright issues.

COM 330 Proposal and Grant-Writing (3)
The course examines proposal and grant-writing processes with substantial practice in developing proposals.

COM 337 Writing for Public Relations (3)
Preparation, writing, and presentation of promotional and publicity materials. (Prerequisite: COM 239 or approval of instructor.)

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 and Professional Speaking (3)
Principles of oral communication as applied to business and professional situations, including the use of technological aids.

COM 401-402 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 Field Experience in Public Relations (3)
Practical experience in publicity and public relations under professional supervision. (Agreed upon by the student and supervisor, with permission of the department.)

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 Seminar and Field Experience (3)
Practical experience in chosen areas of interest in communication under professional supervision. Students also participate in seminars led by department faculty. (Prerequisite: COM 305)
Fashion–Family and Consumer Sciences  
*Sister Denise M. Mollica, Chair*  
*Polly Westbrook*  
*Sister Marie Albert Kunberger, Emerita*

**VISION**  
The Fashion–Family and Consumer Sciences department provides innovative and academically challenging programs to a diverse, qualified student body, maintaining an environment of vitality, professionalism, and concern for students’ welfare. The program seeks to instill professional and ethical integrity though its curriculum and practice.

**OUTCOMES**  
Upon completion of the Fashion Merchandising Program, students will be able to:  
- exhibit creativity in the application of technical and analytical skills;  
- apply cutting-edge fashion principles and business concepts needed to succeed at multiple levels within the retail industry;  
- effectively use communication, organization, and multi-tasking abilities to achieve goals in a fast-paced environment;  
- demonstrate the ability to work independently and as part of a team;  
- model principles of business ethics.

Upon completion of the Family and Consumer Sciences Program, students should be able to:  
- demonstrate competency in the various content areas of FCS including: personal and family resource management, nutrition and food preparation, child development, clothing construction, interior design, etc.;  
- manifest an understanding of national and state FCS standards;  
- effectively gear lessons according to the learning styles of individual students in their classes;  
- exhibit critical and creative thinking skills to address problems in diverse family, community, and work environments;  
- model principles that characterize the FCS professional who appreciates human worth and accepts responsibility for his/her actions.

The Department of Fashion–Family and Consumer Sciences offers major curricula leading to the Bachelor of Science degree.

*For those students who have a baccalaureate degree, these programs 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.*

**REQUIREMENTS FOR MAJOR**  
*Required of all candidates:* CHE 101-102, THE 218, 3 credits of literature (FCSE majors), 6 credits of math.  
The department offers two areas of specialization.  
- **Fashion Merchandising (BS):** FMD 101, 126, 200, 206, 308, 309, 320, 324, 328, 334, 337, 338, 340, 341; ECO 203 (fulfills a social science requirement); ACC 201; BUS 235, 301, 315, 360, and BUS 324 or BUS 366; MKT 309.  

Students will be eligible to obtain a minor in business when completing this program.  
- **Family and Consumer Sciences Education (N-12) (BS):** FNU 109, 208, 212; FMD 101, 308, 309; FCS 218, 219, 323, 324; EDU 361, EDU 381; SOC 306 and PSY 324 (fulfill social science requirements). (See Education Department requirements - contact department regarding minimum grades required for certification.)

**REQUIREMENTS FOR MINOR**  
- **Fashion Merchandising:** FMD 126, 308, 309, 320, 324, 328.

**REQUIREMENTS FOR ASSOCIATE OF SCIENCE**  
- **Fashion Merchandising (AS):** FMD 101, 126, 206, 308, 309, 320, 324, 328, and 340; MKT 309; BUS 235 and 360; Theology (6 sem. Hrs.); Philosophy (3 sem hrs.); English Composition (6 sem hrs.); Humanities (HIST Elective); ECO 203; MATH (six credits); ACC 201.

**FASHION MERCHANDISING**

FMD 101 Apparel Construction and Design (3)  
Study of the aesthetic, cultural, socio-psychological, and economic factors related to clothing and design along with the techniques involved in the selection and care of fashion fabrics, use of commercial patterns, and methods of garment construction. 1 hour lecture, 4 hours laboratory.

FMD 126 Introduction to Fashion Merchandising (3)  
Comprehensive study of the fashion industry.

FMD 200 Special Topics in Fashion (1)  
Survey of contemporary trends in fashion and/or fashion accessories. (Prerequisite: FMD 126)

FMD 206 Flat-Pattern Making and Designing (3)  
Principles of design applied in the development of original designs by flat pattern methods. 1 hour lecture, 4 hours laboratory. (Pre-requisite: FMD 101).

FMD 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 throughout the life cycle. (See ART 308.)

FMD 309 Textiles (3)  
Analysis of fabrics from the seven basic concepts of fabric performance; namely, fiber content, yarn construction, fabric construction, finishes, applied surface design, dyeing and printing, and the basic components of construction.

FMD 320 Visual Merchandising (3)  
A study of the importance of eye appeal and consumer buying habits in the fashion industry. Creation of displays using principles and techniques of visual merchandising. (See ART 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 and Practices (3)
In-depth study of the purchasing functions and responsibilities of the buyer. Analysis of buying plans based on merchandise assortment and dollar planning. (Pre-requisite: BUS 235)

FMD 331 Independent Study in Fashion Merchandising I (1-3)
Individual reading and research with the permission and under the guidance of a member of the faculty.

FMD 332 Independent Study in Fashion Merchandising II (1-3)
Individual reading and research with the permission and under the guidance of a member of the faculty.

FMD 334 Fashion Seminar (3)
In-depth study, analysis, and presentation of assignments related to the fashion industry. (Pre-requisites: FMD 126; 328).

FMD 337 Fashion Field Experience (3)
Off-campus experience in the fashion industry arranged in consultation with instructor.

FMD 338 Preparation for Fashion Field Experience (1)
Intensive preparation for professional field experience in Fashion. (with Instructor permission)

FMD 340 Computer Aided Design (3)
An introductory course in pattern making, grading, and marker making using the computer as a tool. (Pre-requisite: FMD 206)

FMD 341 Fashion Show Production (3)
Student-produced fashion show with projects to include developing budgets, publicity and advertising, fundraising, coordinating models, creating / coordinating staging and backdrop, choreography, music, and lighting. (Pre-requisite: FMD 320)

FAMILY AND CONSUMER SCIENCES

FCS 218 Consumer Economics (3)
Study of the consumer’s rights and responsibilities in the marketplace. Emphasis on legislation and purchasing procedures for foods, clothing, housing, health care, transportation and all types of insurance, banking services, and use of credit.

FCS 219 Personal and Family Resource Management (3)
Management of resources to meet the goals of individuals and families across the life span. Emphasis on personal development, communication skills, decision making, problem solving, risk management, maintaining a balance with work and family as well as management of time, energy, stress, and finances.

FCS 323 History and Philosophy of Family and Consumer Sciences Education (3)
Exploration of the history and philosophy of the Family and Consumer Sciences profession and its impact on Family and Consumer Sciences education today with emphasis on the state and national standards.

FCS 324 Family and Consumer Sciences Education (3)
Fundamental concepts necessary to teach Family and Consumer Sciences in grades K–12 from a family perspective. Curriculum and materials developed in this course will reflect a process-oriented approach to problems of the family. (Pre-requisite: FCS 323)

FCS 331 Independent Study in Family and Consumer Sciences I (1-3)
Individual reading and research with the permission and under the guidance of a member of the department. (with Instructor permission)

FCS 332 Independent Study in Family and Consumer Sciences II (1-3)
Individual reading and research with the permission and under the guidance of a member of the department. (with Instructor permission)
Foreign Languages and Literatures

Marisa N. Pereyra, Chair
Kathleen M. Clark
Israel Rolon-Barada
Sister Marie Lorraine Bruno, Emerita

VISION

The Department of Foreign Languages and Literatures 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.

OUTCOMES

Upon successful completion of major programs in foreign languages and literatures and in international business foreign language, students will be able to:

- demonstrate a knowledge of and an appreciation for the language and culture of peoples other than their own by means of a program of integration and cooperation for the purpose of better human relations and world peace;
- integrate and synthesize their foreign language experience with business, education, political science, and other disciplines within the liberal arts;
- demonstrate a basic knowledge of the language and content of the great works of ancient and modern authors in their historical setting, recognizing that this heritage impacts the present and future.

CONCENTRATION REQUIREMENTS

- Concentrations are available in French and Spanish. For requirements, see listings under each language section.
- Concentration in International Business Foreign Language, an interdisciplinary program, is available to students who fulfill the requirements in the foreign language (French or Spanish) and the business/accounting/economics requirements. See lists of course requirements under each language section and under the Business, Accounting, and Economics Department offerings.
- Students concentrating in foreign languages may obtain teaching certification in secondary education (K-12). See the education requirements listed under the Education Department.
- Students concentrating in major programs offered by the university are eligible to complete a minor field in French or Spanish. See requirements listed under each language section.

STUDY ABROAD

Immaculata University co-sponsors study abroad programs at universities throughout the world. These sessions have been designed to meet the needs of students who wish to continue the study of a language in the country in which it is spoken or pursue study of a discipline other than language in another country. Students who achieve satisfactory grades may receive academic credit for this program.

CERTIFICATE AND MINOR PROGRAMS

Certificates and minors in one or more foreign languages are available to students who successfully complete 18 semester hours chosen from departmental offerings with approval of the department.

COURSES CONDUCTED IN ENGLISH CROSS CULTURAL STUDIES

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. Open only to international students.

CCS 300 Crossing Borders: Hispanic Women’s Images in the U.S. (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 English. Students may receive credit for Spanish 300, with approval from the department, only if written assignments are submitted in Spanish. (offered on-line)

CCS 320 Hispanic Cultures (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 160, 161, 162)

CCS 335 HON: Global Studies (3)

This is a course in theories of globalization. As the peoples of the world become more interdependent in terms of technology, economics, and cross-cultural exchange, various issues arise. We will examine the major views of globalization and its critics and examine how the process occurs in the context of one particular 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)

An 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® accelerated format.)

CCS 380 International Business Seminar (3)

In-depth analysis and application of conducting business in a foreign country. (Prerequisite: BUS 301)
ENGLISH AS A SECOND LANGUAGE

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. * These courses satisfy the foreign language requirement for international students.

FOREIGN LANGUAGE EDUCATION

FLE 307 Strategies for Teaching FL (3)
Specialized instruction in the theories and practices of foreign language teaching and learning, integrating the use of current technologies. Offered in alternate years.

Arabic

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)

Chinese

CHI 101 Elementary Chinese I (3)
Fundamentals of spoken and written Mandarin Chinese including proficiency development in basic skills of listening, speaking, reading, and writing. Laboratory work required.

CHI 102 Elementary Chinese II (3)
Continuation of the fundamentals of spoken and written Mandarin Chinese including proficiency development in basic skills of listening, speaking, reading, and writing. Laboratory work required. (Prerequisite: CHI 101 or instructor’s approval).

CHI 201 Adv. Intermediate Chinese I (3)
Contemporary overview of Mandarin Chinese language, syntax, and grammar with materials selected for exploring Chinese culture. Emphasis on development of student autonomy in Chinese, especially in speaking and writing. Laboratory work required. (Prerequisite: CHI 102 or instructor’s approval)

CHI 202 Adv. Intermediate Chinese II (3)
Continuation of the study of Mandarin Chinese language, syntax, and grammar with materials selected for exploring Chinese culture. Emphasis on development of student autonomy in Chinese, especially in speaking and writing. Laboratory work required. (Prerequisite: CHI 201 or instructor’s approval)

French

REQUIREMENTS FOR MAJOR

• French (BA): FREN 309, 310, 323, 327, 329, 331, 336, 337, 339, and one additional 300/400 level FREN course approved by the department.

• French (BA) with Education (K-12): FREN 309, 310, 323, 329, 331, 336, 337, 339, one additional 300/400 level FREN course approved by the department, and FLE 307.

• International Business Foreign Language (BA): FREN 309, 310, 323, 336, 339, and 6 credits from any other 300/400 level FREN courses approved by the department; ECO 201, 202 (fulfills social science requirement), ACC 201; BUS 301; CCS 340, 380; POL 206; MKT 309; THE 314 (fulfills 3 credits of theology requirement); and two electives taken from business, accounting, economics, finance or marketing courses.

REQUIREMENTS FOR MINOR

• French: FREN 201-202, 309, 310, and six credits from any other 300 level FREN courses offered.

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’s approval).

FREN 103 Intermediate French I (3)
Emphasis on review and expansion of vocabulary, grammar, and cultural aspects of French-speaking people. Laboratory work required.

FREN 104 Intermediate French II (3)
Continuation of review and expansion of vocabulary, grammar, and cultural aspects of French-speaking people. Laboratory work required. (Prerequisite: FREN 103 or instructor’s 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.

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’s approval).

FREN 301 Study Travel (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 where available. Prerequisite for French credit: 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.

FREN 302 Intensive Study Abroad (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 Phonetics and 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 311 The Feminine Face of France (3)
A study of French women, past and present, and their impact upon our times. Offered in French or English.

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 313 Modern French Theater (3)
A study of modern French theater from the middle of the twentieth century to the present day. (Prerequisite: FREN 309, 310, and one upper-division French literature course 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. (Prerequisites: FREN 309, 310 or instructor’s approval). Offered in alternate years.

FREN 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)

FREN 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)

FREN 327 Literary Thought/Expression I (3)
Analysis of literary trends and tenets from the Middle Ages to the French Revolution. Emphasis on major genres and authors and their legacy to contemporary society. (Prerequisites: FREN 309, 310 or instructor’s approval).

FREN 328 Literary Thought/Expression II (3)
Survey of literary trends from the beginning of the 19th century to the present. Emphasis on great literary figures who reflect and influence contemporary thought and expression. (Prerequisites: FREN 309, 310 or instructor’s approval).

FREN 331 Culture/Readings: Prehistoric-Rev (3)
Taught in seminar mode, this course is the study of the historical and cultural background of early France from prehistoric times to the French Revolution with independent readings and discussion of major authors of the 17th and 18th centuries. (Prerequisites: FREN 309, 310 or instructor’s approval). Offered in alternate years.

FREN 336 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, 310 or instructor’s approval).

FREN 337 Culture/Readings: 19th Century (3)
Taught in seminar mode, this course includes independent readings and discussion of major authors of the 19th century and their importance in the literary and cultural development of post-revolutionary France. (Prerequisites: FREN 309, 310 or instructor’s approval). Offered in alternate years.

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. (Prerequisites: FREN 309, 310 or instructor’s approval). Offered in alternate years.

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.

FREN 402 Independent French Studies II (1-3)
Individual research under the guidance and supervision of a member of the department. Approval of the chairperson is required.
Irish

IRL 101 Elementary Irish Language I (3)
Introduction to speaking, reading, and writing. Emphasis on pronunciation and basic grammar. Includes the study of Irish culture. (Prerequisite: IRL 101 or instructor’s approval).

IRL 102 Elementary Irish Language II (3)
Continuation of speaking, reading, and writing skills. Emphasis on pronunciation and basic grammar. Includes the study of Irish culture. (Prerequisite: IRL 101 or instructor’s approval).

IRL 201 Adv. Intern. Irish Language I (3)
Contemporary overview of Irish language, syntax, and grammar with materials selected for exploring Irish culture. Emphasis on development of student autonomy in Irish, especially in speaking and writing. Laboratory work required. (Prerequisite: IRL 201 or instructor’s approval).

IRL 202 Adv. Intern. Irish Language II (3)
Continuation of contemporary overview of Irish language, syntax, and grammar with materials selected for exploring Irish culture. Emphasis on development of student autonomy in Irish, especially in speaking and writing. Laboratory work required. (Prerequisite: IRL 201 or instructor’s approval).

Italian

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.

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 103 Intermediate Italian I (3)
Emphasis on review, expansion and refinement of vocabulary, grammar and pronunciation. Exploration of Italian culture. Laboratory work required.

ITA 104 Intermediate Italian II (3)
Continuation of review, expansion and refinement of vocabulary, grammar and pronunciation in the context of Italian culture. Laboratory work required. (Prerequisite: ITA 103 or instructor’s approval).

Spanish

Requirements for Major

- Spanish (BA): SPAN 303, 314, 315, 316, 323, 328, 329, 330, 333, 334
- International Business Foreign Language (BA): SPAN 303, 314, 323, 328, 333, and two 3-credit SPAN 300/400 level courses; ECO 201, 202 (fulfills social science requirement); ACC 201; BUS 301; CCS 340, 380; POL 206; THE 314 (fulfills 3 credits of theology requirement); MKT 309; and two electives taken from the business, accounting, economics, finance or marketing courses.

- Spanish-Psychology (BA): PSY 101, 208, 303, 313, 316-317, 350 and one additional PSY elective; SPAN 201-202, 303, 323, 314, 328, 333; Seminar (PSY 419/SPAN 334) is interdepartmental.
- Spanish-Social Work (BA): SOC 202, 328; SWK 245, 250, 275, 343, 346; SPAN 201-202, 303, 314, 323, 328, 333, 334; PSY 324; SOC 306 (fulfills social science elective); ECO 203 (fulfills social science elective).

Requirements for Minor

- Spanish: SPAN 201, 202, 303, 314, 328, 333

Requirements for Associate of Arts

- Professional Spanish (AA): SPAN 201, 202, 303, 314, 328, 333, Liberal arts core by advisement. This degree is for those with a general working knowledge of Spanish.

Requirements for Certificate in Hispanic Cross-Cultural Communication (offered only through corporate training opportunities)

- SPAN 160, 161, 162; CCS 320, 341

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)
(Offered in the I.H.M. Formation Academic Program)
Basic communication skills for those working within the context of pastoral ministry in the Hispanic community. Emphasis on functional, situational conversation and elementary grammar.

SPAN 152 Intermediate. Spanish/Medical Personnel (3)
An intensive course designed to advance the language proficiency of those working in the medical field. (Prerequisite: SPAN 101/150 or instructor’s approval).

SPAN 160 Spanish/Consumer Services I (3)
Basic communication skills for those in the service industry. Emphasis on cultural sensitivity and functional conversation. This is
SPAN 161 Spanish/Consumer Services II (3)
This is a 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 160)

SPAN 162 Spanish/Consumer Services III (3)
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 160, 161)

SPAN 201 Adv. 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.

SPAN 202 Adv. 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 Images in the U.S. (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. Students may receive credit for Spanish 300, with approval from the department, only if written assignments are submitted in Spanish (offered on-line).

SPAN 301 Study Travel (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: 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 (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: 201-202 and departmental approval.

SPAN 303 Advanced Composition (3)
Advanced study and practice in the Spanish language to enhance written proficiency. The reading of texts from a variety of sources will serve as a point of departure for class discussion and written assignments. (Prerequisite: SPAN 202 or instructor’s approval). Offered in alternate years.

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: SPAN 303/333 or instructor’s approval). Offered in alternate years.

SPAN 315 Spanish Literature I (3)
Reading and analysis of major works from the Middle Ages through 18th century Spain. (Prerequisite: SPAN 314 or instructor’s approval). Offered in alternate years.

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’s approval). Offered in alternate years.

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. 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, 333 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 Latin American Culture/Civ. (3)
Discussion of the historical, literary, and artistic development of Spanish-America from pre-Columbian times to the present. (Prerequisite: SPAN 303/333 or instructor’s approval) Offered in alternate years.

SPAN 329 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’s approval). Offered in alternate years.

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 328 or instructor’s approval). Offered in alternate years.
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 or English.

SPAN 333 Advanced Conversation (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’s approval). Offered in alternate years.

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 401 Independent Spanish Studies I (1-3)
Individual research under the guidance and supervision of a member of the department. Approval of the department chairperson is required.

SPAN 402 Independent Spanish Studies II (1-3)
Individual research under the guidance and supervision of a member of the department. Approval of the department chairperson is required.
Health Science and Services

*Eric Anderson, Chair*

**VISION**

The Department of Health Sciences and Services prepares professionals for fast-paced careers in health care services. Capitalizing upon the strength of Immaculata University’s tradition of quality liberal arts and sciences education, the department educates students in the best of current science and trains them to apply cutting edge technology through forward thinking career preparation in health services. In this way, the students experience a curriculum that educates and prepares them to be exceptional professionals.

**OUTCOMES**

Upon successful completion of health science and services programs, students will be able to:
- demonstrate the ability to apply theories and principles of the liberal arts along with content specific to 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 and the public.

**ACCEPTANCE TO MAJOR**

Students may declare a major within the Department’s offerings at any time. However, students are encouraged to declare the major as early in their matriculation at Immaculata as possible due to the number of requirements which must be satisfied by the junior year. Students interested in the major are encouraged to become informed about the curriculum and to contact the Chair of the Department. Criteria for acceptance into the majors are as follows:

**Health Care Management:** Grades of C or better in BIOL 103 and BIOL 104 and MATH 203-204 or 207-208.
**Allied Health Science:** Grades of C or better in BIOL 209 and 210 and MATH 203-204 or 207-208.

In order to continue studying in either major, students must maintain an overall GPA of 2.0 and 2.0 in all mathematics, science and specific departmental courses. Students are encouraged to review specific admissions criteria for the certification/specialization area they plan to pursue.

**SELECTION OF ALLIED HEALTH SPECIALIZATION**

Each student is encouraged to make an initial selection of specialization at the time she/he declares allied health as her/his major. Selection of specialization is subject to the approval of the Chair of Health Science & Services. Changes in specialization must have the approval of the Chair. Since application for specialization is typically made by fall semester of junior year, changes in specialization after that point will be granted only under unusual circumstances. Students must meet application criteria for the site and certification/specialization area for which they are applying.

**REQUIREMENTS FOR MAJOR**

- **Health Care Management (BS):** BUS 309, 311, 320, 360; ACC 201; BIOL 102, 104; ECO 203, 307; INFO 101; MATH 203-204 or 207-208; PSY 324; SPAN 150, 152; SOC 328; THE 218 (meets one theology requirement); HCM 201, 312, 330, 335, 336, 341, 398, 421 (meets Ethics requirement).
- **Allied Health Science (BS) with Lancaster General College of Nursing and Health Sciences:** A program leading to a bachelor of science degree which includes completion of required certification program (with a minimum thirty-two credits in coursework and practica) taken through Lancaster General College of Nursing and Health Sciences. In addition to the liberal arts core, requirements include: BIOL 208, 209, 210; CHE 101-102 or CHE 103-104 for Medical Laboratory Science), CHE 201-202 (or CHE 211-212 for Medical Laboratory Science); INFO 101, 102; MATH 203-204 or 207-208; PHY 150-151 or 203-204; PSY 101, 208; meets social science requirement); THE 218 (meets one theology requirement); SPAN 150, 152 (meets foreign language requirement); AHS 100, 200, 300; HCM 421 (meets liberal arts core ethics requirement). IN ADDITION, please check curriculum plans for individual specialization requirements at Lancaster General College of Nursing and Health Sciences. Cardiovascular Invasive Specialty, Diagnostic Medical Sonography, Medical Laboratory Science, Nuclear Medicine Technology, or Surgical Technology are available.
- **Allied Health Science (BS) with Thomas Jefferson University:** A program leading to a bachelor of science degree which includes completion of required certification program (with a minimum thirty-two credits in coursework and practica) taken at Thomas Jefferson University. Specialization in Radiography may be pursued. In addition to the liberal arts core, requirements include: BIOL 208, 209, 210; CHE 101-102 or CHE 103-104, CHE 201-202 or (CHE 211-212); INFO 101-102; MATH 207-208 or 301-302; PHY 203-204; PSY 101, 208 (meets social science requirements); SPAN 150, 152 (meets foreign language requirement); THE 218 (meets one theology requirement); AHS 100, 200, 300; HCM 201, 421 (meets liberal arts core ethics requirement). IN ADDITION, please check curriculum plan for specified radiography program requirements at Thomas Jefferson University.
- **Allied Health Science - Bioscience Technologies (BS) with Thomas Jefferson University (MS) (3 Years + 2 Years):** In addition to the liberal arts core, requirements include: BIOL 103, 104, 208, 209, 210; CHE 202, 211, 212; INFO 101-102; MATH 207-208 or 301-302; PHY 203-204; PSY 101, 208 (meets social science requirements); SPAN 150, 152 (meets foreign language requirement); THE 218 (meets one theology requirement); AHS 100, 200, 300; HCM 201, 421 (meets liberal arts core ethics requirement). IN ADDITION: specified program requirements at Thomas Jefferson University. Students in Bioscience Technologies take a total of two 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 year two, all credits earned at Jefferson are applied to the MS (Masters of Science) degree in Bioscience Technologies granted by Jefferson.
- **Allied Health Science (BS) Track for Clinical Professionals:** This program is a collaborative transfer program designed for students who have completed a clinical training program at community college or accredited training programs. Applicants seeking admission to this track must have the equivalent of 30 academic credits within an allied
HEALTH CARE MANAGEMENT

HCM 201 Medical Terminology (1-3)
This course provides an overview of medical terminology for students. The course is predominately self-instructional, utilizing course information from a textbook and accompanying software.

HCM 203 Health Literacy (1)
This course addresses the world of healthcare information and its applications for consumers. Issues such as global health, healthcare services, reimbursement in the United States and globally, and individual self care and health monitoring will be covered. Students will be asked to evaluate and document their own health status, history and risks, and to identify resources to become better educated concerning their own health conditions as a step toward self empowerment and self-care.

HCM 205 Global Issues in Healthcare (3)
This course explores global issues in healthcare by addressing economic, ethnic, racial, and cultural issues related to health status and access to healthcare services. Life expectancy, public health status, clean air and water, sanitation, and infectious diseases/immunizations will be discussed in their historical and cultural contexts. The health advantages and disadvantages of the urbanization of human populations of the past several centuries will be discussed. Organized healthcare as experienced variably in the United States will be compared to other Western and non-Western countries.

HCM 312 Budgeting and Finance in Health Care (3)
The course explores financial management functions at the institutional and department level. It will review the institutional financial process. It focuses on budgeting and cost analysis for department-level operations and the accounting for capital expenditures.

HCM 313 Medical Billing, Reimbursement and Insurance (3)
This course presents basic history, principles, and terminology related to health insurance products in the U.S. An overview of the prospective payment system, third party payers, billing and reimbursement issues. It will review the coding process and its role in billing. Efficiency and equity of resource allocation as well as barriers to access in health care will be discussed.

HCM 330 Health Care Information Systems and Technology (3)
This course provides an introduction to the vocabulary and principles of currently utilized computerized health information applications. Health information records, including their use, format, filing systems, retention, and state and federal regulations, will be covered. Issues such as confidentiality, liability, software and hardware requirements, and network communications are discussed. Current applications will be examined to determine their current and future impact on health care delivery in the U.S.

HCM 335 Health Care Issues of Aging in Health Care (3)
This course introduces students in health care-related fields to individual and social issues related to aging in the U.S. Changes associated with aging (physiological, psychosocial, and economic), health-related issues and outcomes, and means of health promotion in this population are presented from multiple perspectives. Quality of and access to health care for this age group are examined as well as services for the aging locally and state-wide. Issues related to aging from a global perspective are also addressed.

HCM 336 Pharmacology for Allied Health Occupations (3)
This course provides a general overview of the basic principles of pharmacology, commonly used drugs, major drug classifications, indications, methods of administration, effect on body systems, and major adverse effects. Basic terminology and abbreviations will be covered. Issues surrounding current and future concerns in relation to certain medications will be discussed, including drug/substance abuse, price of new drugs, and new advances in drug development. This will include a review of National Patient Safety Goals in relation to Pharmaceuticals and the role of the FDA (Food and Drug Administration). (Prerequisites: BIO 111 and BIO 207)

HCM 341 Health Policy and Law (3)
This course provides an overview of U.S. health policies and laws, at the federal, state, and local levels, and their application relating to the operation of health care systems and management of personnel. Philosophical, ethical, liability, and economic aspects of health policy and law, as well as current topics in health care reform, are examined. The roles and responsibilities of health care managers within this context will be explored as the student analyses real cases.

HCM 398 Seminar: Health Care Planning and Evaluation (3)
This course provides theoretical and historical foundations of health planning and evaluation of health care organizations. Legal, social, political, economic, ethical, and business considerations are discussed in terms of their influence on decisions about health and health care marketing and delivery. The student will generate a basic business plan. (Prerequisite: HCM 341).

HCM 399 Health Care Practicum (5)
This capstone course provides an opportunity for the student to integrate and utilize health care management knowledge and skills in a work environment approved by the University. The practicum involves a total of 150 hours of practical experience in a health care agency, determined mutually by the student, her/his faculty advisor, and a preceptor at the agency. The student also completes a health management project as part of the course. (Prerequisite: HCM 398).

HCM 421 Health Ethics (3)
This course meets Liberal Arts Core Requirements for ethics. This course is an introduction to Health Ethics for those anticipating a career in healthcare. Health Ethics includes but is not limited to...
Medical Ethics, Healthcare Ethics, Bioethics, Biomedical Ethics, and Health Professional Ethics. This course covers the foundation for ethics in the theories and principles of ethics as applied to healthcare and takes up 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.). It covers the Ethical and Religious Directives for Healthcare from the American Council of Bishops. Special topics according to the interests of the professor and students will also be covered (e.g. transplants, informed consent, medical mistakes). Required course for Healthcare Management and Allied Health majors. Prerequisite: THEO 218 or similar course.

ALLIED HEALTH SCIENCE

AHS 100 Allied Health Seminar I (1)
This course is the first in the series of major courses/seminars for allied health majors. Students will be oriented to the curriculum and to the allied health disciplines, including the collaboration with Lancaster General College of Nursing and Health Sciences and Thomas Jefferson University. Students will be coached on professional preparation in anticipation of applying for their clinical assignments. Guest speakers will present other topics and students will attend selected University and outside events. Special topics will be covered each time the course is offered. (Prerequisite: AHS 100).

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 encouraged to explore selection of their specialization in anticipation of the collaboration with Lancaster General College of Nursing and Health Sciences and Thomas Jefferson University. Students will be coached on professional preparation in anticipation of applying for their clinical assignments. Guest speakers will present other topics and students will attend selected University and outside events. Special topics will be covered each time the course is offered. (Prerequisite: AHS 100).

AHS 300 Allied Health Seminar III (1)
This course is the third in the series of major courses/seminars for allied health majors. Students in this course will deepen their investigation of their chosen specialization and prepare their application/placement for clinical training with Lancaster General College of Nursing and Health Sciences or Thomas Jefferson University. Students will be coached on professional preparation in anticipation of their clinical assignments. Guest speakers will present other topics and students will attend selected University and outside events, especially in conjunction with their chosen specialization. (Prerequisite: AHS 200).

HEALTH CARE MANAGEMENT (BA) (Offered only through ACCEL® Programs)

HCM 302 Contemporary Issues in Health Care (3)
This course introduces the challenges facing the contemporary health care system and its managers. It focuses on the increasing complexity of the health care system, the underlying forces affecting health care outcomes, and the rapid proliferation of health care resources.

HCM 306 Human Resource Management in Health Care (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)
This course provides the foundational knowledge needed to participate in the selection, implementation and use of clinical and administrative information systems. It 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 Budgeting and Finance in Health Care (3)
The course explores financial management functions at the institutional and department level. It will review the institutional financial process. It focuses on budgeting and cost analysis for department-level operations and the accounting for capital expenditures.

HCM 321 Leadership in Health Care (3)
Students explore various concepts and theories of leadership and how these might be applied to and impact management functions in health care settings. It will review the multiple leadership structures in healthcare 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)
This course delineates the dual role of the health care industry as a provider of a public “good,” while at the same time, functioning as business enterprises. 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 and Social Issues in 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.

ORG 301 Group and 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.

ORG 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 will also analyze and solve organizational problems using a step-by-step method. This analysis will be applied to students’ work-related Research Projects.
ORG 304 Organizational Communications (3)
Investigates the role of communication in creating a productive organizational environment. Aids students in developing and strengthening their communication skills by focusing on interpersonal, group, and presentation skills.

ORG 307 Adult Development and 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.

ORG 312 Introduction to Applied Research (3)
This course introduces students to the research design process and hones analytical thinking skills. It includes one meeting devoted to library orientation and investigation of campus resources, including an introduction to the writing center. Students begin their research project curriculum with an introduction to literature review and assistance in establishing topics for their research proposals. Students will create a research problem statement and consider basic research design elements.

ORG 320 Research and Analysis Using Statistics (3)
An introduction to research and its tools with specific emphasis upon helping the students complete the requirements of their Research Proposal. Content includes research design, descriptive and inferential statistics using Microsoft Excel. Students are given the opportunity to critique business research studies and discuss managerial decision-making.

ORG 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.

CCS 341 Cultural Modes of Expression in the Global Community (3)
An exploration of the nuances of intercultural expression for an awareness and sensitivity needed for mutual understanding in international affairs.

ENG 242 Writing for Applied Research (3)
Theoretical principles and practical applications of academic research with a focus on health care management. 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.

PHI 384 Organizational Ethics (3)
A study of ethical situations in organization, accountability in government, respect for human rights, and responsibility for contemporary life choices. Ethical theories and personal values are examined through readings and analysis of situations in organizations.

THE 381 Foundations of Spiritual Freedom (3)
This course explores the foundations of morality and adult spiritual formation. Through a study of the biblical roots of holiness, a focus on Christ as model, and an analysis of virtue, the student will come to know the path to authentic freedom.
History — Political Science — International Relations

William E. Watson, Chair
Eugene J. Halus
John S. Hill
Sarah L. Trembanis

VISION
The Department of History, Political Science, and International Relations will foster an understanding of the past’s relationship with the present in order to comprehend the complexity of contemporary international and national issues. Faculty will help students to engage in historical 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. The department seeks to prepare students for graduate study, law school, government service, and a wide range of other careers.

OUTCOMES
Upon completion of the programs of the Department of 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 evidence, with the ability to evaluate the evidence in terms of credibility;
• compare and contrast the different interpretations offered by historians in terms of questions asked and sources employed;
• evaluate the major debates among historians;
• construct a written historical narrative integrating original research with existing literature on the subject.

REQUIREMENTS FOR MAJOR

There are two majors offered by the Department of History, Political Science, and International Relations. Students concentrating in History or Political Science and International Relations are strongly urged to develop proficiency in at least one foreign language. Required courses for the majors are listed below.
• History (BA): HIST 207; two European courses from: HIST 234, 235, 219, 304, 228, 226, 360, 236; 311-312; HIST/POL 359; HIST/POL 371 (Senior Seminar); HIST/POL 415 (Senior Seminar); GEO 101; POL 201; and one course chosen from HIST/POL Third World history: 335, 342, 345, 346, 347.
• Political Science and International Relations (BA): POL 201, 206, 203/319; POL 205/HIST 213; POL 233/318/338, 311/317/339; HIST/POL 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 six elective credits in political science (POL) courses.
• Secondary Education Certification in Social Studies (BA): HIST 115, 116, 207, choice of any two courses from European sequence HIST 234, 235, 219, 304, 228, 226, 360, 236, 311, 312, 348, one course chosen from HIST/POL Third World history: 335, 342, 345, 346, 347, 371, 415; POL 201, GEO 101, and twelve (12) credit hours from two of the following: Economics, Sociology, or Politics. For additional requirements of this program, see the Education Department.

REQUIREMENTS FOR MINOR
• History: HIST 234, 311, POL 201, GEO 101; choice of one course from HIST/POL 335, 342, 345, 346, 347; one additional History elective.
• Middle East Studies: 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.
• Politics: POL 201; POL 203/319; POL 309; four electives chosen from Politics courses.
• Irish Studies (See also English Department) 18 credits: Required: IRL 101, ENG 349, HIST 218: History of Ireland; nine additional credits from among: IRL 102; ENG 150/THE 200; Celtic Spirituality; BUS 301; POL 337; Special topics (1 credit) in History (200) and English (150/275) vary each semester

MIDDLE EAST STUDIES CERTIFICATE
The Middle East Studies certificate program provides students with a background in the history, language, politics and culture of the Middle East.
Certificate Program 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.

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 119 The Search for Expression I (3) 1
Integrative course focusing on the history of creative expression. Examines the relationships between ideas, the visual arts, music, and literature in a multi-cultural world from ancient times to the present.

HIST 120 The Search for Expression II (3)
Integrative course focusing on the history of creative expression. Examines the relationships between ideas, the visual arts, music, and literature in a multi-cultural world from ancient times to the present.

HIST 200 Special Topics in History (1-6 credits)
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

81
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 I.H.M. Formation Academic Program.)

HIST 205 The American Revolution (3)
Origins, course, 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 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 the Sophomore year and is required for the major.

HIST 208 African American History 1 (3)
This course will examine the experiences of African Americans in the United States from the colonial era to the present.

HIST 209 Screening History: American History and 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, experience, consequences and future of mass flights of humans across national boundaries.

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 and the Irish Diaspora in 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 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)
Examines 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 221 Using History in Business, Health, and Government Decisions. (3)
People think historically by using analogies to make decisions. Case studies of decisions on problems facing business, government economic policy, health, and education. Most cases are drawn from the Delaware Valley.

HIST 222 The 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 223 Slavery Today (3)
Slavery is alive and well, though often hidden, throughout the world. Learn about the cultural, political, and social factors that contribute to the enslavement of more people today than ever before.

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 228 The Second World War (3)
Examines the many sides of the most important event of the 20th Century in its global context.

HIST 231 The Age of Discovery and 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 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 Europe in the 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 236 The History of the Papacy (3)
This course will survey the history of the papacy from the time of the French Revolution to the present, with particular emphasis on the relationship between the theological development and papal policy and diplomacy. Students of both theology and history will discover a deeper understanding of the changing role of the Roman Catholic Church in the modern period. (See THE 236)

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 300 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. (See PSY 300)

HIST 301 Study Travel (3)
Study/travel immersion course conducted in English with the option of receiving credit in French or 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 French/Spanish credit will utilize the French/Spanish versions of the readings and films where available. Prerequisite for French/Spanish credit: 201-202 and departmental approval. Students may be enrolled in 202 simultaneously with this course. This course is cross-listed with FREN301/SPAN301. 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. (See BUSA 303)

HIST 304 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 American Studies I (3)
A study of the American character, revolutionary America, and an analysis of America’s race relations. (Fall semester)

HIST 312 American Studies II (3)
An examination of modernity, reform, race, gender, and conflict in twentieth century America. (Spring semester)

HIST 335 The Modern Far East (3)
Topics in the history of the Far East to illustrate the growing significance of the area and of its relations with the Pacific Rim. (See POL 335)

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. (See POL 342)

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. (See POL 345)

HIST 346 Middle East History and 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. (See POL 346 and MES 346)

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. (See POL 347)

HIST 348 Studies in History/Politics (3)
Selected issues and readings for students seeking teacher certification in social studies.

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. Students seeking certification in education normally take HIST 348.

HIST 360 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 361 Putting History to Work (3)
Surveys the wide range of professional applications of a knowledge of history in order to prepare students for internships and career choices. Topics covered include public and private archive or records management, museum curatorship and site-interpretation, documentary film-making and research, public service, and effective preparation for post-graduate training. (Open to non-majors)

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 I.H.M. 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 HIS 415. Students will prepare a detailed annotated bibliography for use in research for the Senior Seminar paper. 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.

HIST 417 Independent Study and Research (1-6)
Designed to provide one or more students at the junior or senior...
level with the opportunity to engage in independent study and research in a specific area of the major field.

**HIST 418 Independent Study and Research (1-6)**

Designed to provide one or more students at the junior or senior level with the opportunity to engage in independent study and research in a specific area of the major field.

**POLITICS**

**POL 201 Government in the United States (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; 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)**

Profiles 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. (Fall semester)

**POL 211 Violence (3)**

Examines the origins, nature, and impact of violence in American society from a variety of disciplinary perspectives.

**POL 213 Legal Research and Writing (3)**

Introduction to theoretical and practical applications of the law; fact finding methods and legal problem-solving skills. Students analyze cases, organize research, and write effectively.

**POL 216 Reels of Change (3)**

This course 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 sound-track for the course may be available on CD at the end of the term.

**POL 219 Comparative Urban Politics (3)**

The issues facing cities in the developing world are having a significant impact upon a variety of public policy issues ranging from questions of globalization to vast economic disparities to environmental problems. By 2050 most of the world’s mega-cities will be in what we now think of as the developing world.

**POL 223 Urban America and the Roman Catholic Church (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 228 Philadelphia Politics (3)**

An examination of the political and social development of the City of Philadelphia with particular emphasis will be 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 The 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 a 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 The United States 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 will be paid to the effect that changes in the internal operations of Congress have had upon the legislative process.

**POL 320 Environmental History (3)**

The course examines the relationship between humans and their environment, and the political, social and economic consequences of that relationship. Being 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 The Modern Far East (3)**

Topics in the history of the Far East to illustrate the growing significance of the area and of its relations with the Pacific Rim. (See HIS 335.)

**POL 336 International Laws and Rights (3)**

Theory of fundamental freedoms from its philosophy to its legal formulation in the American and French Revolutions; the emergence of the individual as a subject of rights and duties and international concern. Assessment of the United Nations in the area of human rights. (Prerequisite: POL 206).

**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. (See HIS 342).

**POL 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. (See HIS 345.)

**POL 346 Middle East History and 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. (See HIS 346 and MES 346).

**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. (See HIS 347.)

**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 371 Junior Seminar in 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 in 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.

**POL 420 Senior Seminar in Politics (3)**

The theme of the seminar is “Managing Public Policy in the 21st Century.” Students will conduct research on an emerging public policy problem of their choice, situate the issues in a broad context, draw upon their classroom, field, and research experiences, and present their findings to the seminar.

**GEOGRAPHY**

**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. (Spring semester)

**GEO 102 Urban Planning (3)**

Introduction to the methods of analyzing problems of urban and regional planning for growth, with special attention to housing and recreation, transportation and communication infrastructure, and the needs of business.

**MIDDLE EAST STUDIES**

**MES 200 Middle Eastern Literature (3)**

This course will examine 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)**

This course examines 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  The Arab Encounter with the World (3)
This course examines 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 302  History of Israel (3)
This course explores the foundation and development of the state of Israel from the Zionist ideal in the late 19th century to the peace process with the Palestinian state. Topics covered will include the social, intellectual, and political motives for Zionism, the conflict with Arab nationalism, the effort to construct a new society from diverse immigrant groups, and Israel’s relations with the great powers.

MES 303  The Power, Politics and Ethics of Oil (3)
This course will provide an overview of the historic, economic, political, and legal development oil industry from its formation to the present. Special attention will be paid to the intricate relationship between the oil industry, the Arab states, and the world economy.

MES 304  Modern Middle Eastern Politics (3)
This course examines the domestic politics and international relations of the Middle Eastern states since the end of colonialism. Topics covered will 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)
This course surveys 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 the Middle East (3)
This course examines 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 and 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. (See HIS 346 and POL 346).
Mathematics—Computing Science—Physics
Valerie Martin, Chair
Sister Marie Cooper
Mary Elizabeth Jones
Molli R. Jones
John Koeppel
Sister Regina Mauricia DeFeo
Sister Ann M. Heath

VISION
In the IHM tradition, the Department of Mathematics-Computing Sciences-Physics is committed to establishing and sustaining an integrated environment by embracing the inherent connections among mathematics, technology, and the sciences thereby providing students with the foundation and support necessary to excel in a rigorous academic program. The department sustains a distinctive learning environment that encourages students to recognize their uniqueness, realize their potential, develop their logical reasoning, enhance their creativity, and serve their community. Graduates from this department possess the necessary skills to pursue a career in mathematics, computer science, and/or the natural and social sciences as well as have the fundamental education and training necessary for graduate study in those fields.

OUTCOMES
Upon successful completion of department programs, students will be able to:
• utilize systematic, orderly, and exact habits of thought;
• apply the power of reasoning to analyze situations and solve problems;
• demonstrate an understanding of the role mathematics and technology play in shaping the future;
• apply and renew, via lifelong learning, the essential concepts and skills needed for career success and advanced study.

ACCEPTANCE TO MAJOR
Consistent with University policy, students may formally apply to the department to be accepted as Mathematics, Mathematics-Computer Science, or Information Technology majors at the end of their freshman year (24 credits), but no later than the end of the first semester of sophomore year (36 credits). Once accepted into the program, department majors must complete all major courses with a minimum grade of C-.

REQUIREMENTS FOR MAJOR IN MATHEMATICS (BA)
Required of all candidates: MATH 216, 301, 302, 303, 304, 305, 307, 310, 311, 322, 410; PHY 203-204; CIS 105. Further requirements depend on the particular concentration chosen.
• Mathematics: MATH 409 and CIS 218. As a complement to this degree, it is recommended that students complete a minor in a related field.
• Mathematics for Secondary Level Educators: MATH 312 and one mathematics course numbered 300 or above. (See Education: Requirements for Secondary Education Certification.)

REQUIREMENTS FOR MAJOR IN MATHEMATICS-COMPUTER SCIENCE (BS)
MATH 216, 301, 302, 303, 304, 310, 311, 409, 410; CIS 105, 218, 224, 317, 326, 335; INFO 404; PHY 203-204; 6 elective credits from department courses, which may include: MATH 308, 309, 350, 400, 408; MATH/CIS 405 (1-3 credits); INFO 310, 401(1-3 credits), 415.

REQUIREMENTS FOR MAJORS IN INFORMATION TECHNOLOGY
• Information Technology (BS): INFO 110, 230, 231, 310, 404, 410, 415, 420, 430; CIS 105, 218, 224, 317, 326, 335; MATH 216 and 3-elective credits from MATH courses; 3-credits from COM 305, COM 340, or COM 350; 3-elective credits from INFO 401 (1-3 credits), 405 (1-3 credits), 408, 409.
• Information Technology in Business (BA) an accelerated degree completion program: CIS 213, 221, 223, 225, 309, 310, 311, 312, 335; CCS 341; COM 240; MATH 103; ORG 307, 342, 344, 345, 383; THE 381. Requirements beyond ACCEL® program by advisement to complete liberal arts core courses and electives as needed for a total of 126 credits.

REQUIREMENTS FOR ASSOCIATE OF SCIENCE
• Information Technology (AS): MATH 216 and 3-elective credits from MATH courses; INFO 230, 231, CIS 105, 218, 224 and 9-elective credits chosen from: INFO 110, 310, 404, 410, 415, 420, 430, CIS 317, 326, 335.

REQUIREMENTS FOR MINOR
• Mathematics: 18 credits to include: MATH 301-302 or 207-208 or 203-304, 216, and 9 elective credits chosen from any mathematics course numbered 300 or above, except MATH 301-302.
• Communication Technology: 18 credits to include: INFO 120, 214, 215; CIS 105; and 6 elective credits chosen from: INFO 110, 230, 401 (1-3 credits), 404; CIS 335.
• Information Technology: 18 credits to include: INFO 120, 231; CIS 105, 224; and 6 elective credits chosen from INFO 110, 215, 310, 401 (1-3 credits), 404, 415, 420; CIS 218, 317, 326, 335.
• Programming Fundamentals: 18 credits to include: INFO 230; CIS 105, 218; 224; and 6 elective credits chosen from: MATH 216; INFO 404, 420; CIS 317, 326.

CERTIFICATE IN INFORMATION TECHNOLOGY
• Requirements: 18 credits to include: INFO 230, 231; CIS 105, 224; and 6 elective credits chosen from INFO 110, 310, 401 (1-3 credits), 404, 415, 420; CIS 218, 317, 326, 335.

MATHEMATICS
MATH 106 Introductory Algebra (3)
This course provides an introduction to algebraic concepts and language. The fundamental concepts of algebra are explored through the development of mathematical models, interpretation of graphs, and solving of real-world problems. Topics covered in the course include: linear equations and inequalities; polynomials and factoring; rational expressions; radical expressions; quadratic equations; and function notation. (This course is designed for students who need more mathematical background prior to entering MATH 203-204. This course may be used to fulfill core requirements and has no prerequisites.)
MATH 107 Quantitative Reasoning (3)
This course will explore mathematical topics that enhance the student’s ability to make informed decisions. Topics covered in the course include, but are not limited to: logical reasoning, personal finance, and statistics. Use of spreadsheet technology will be integrated throughout the course. (This course is designed to fulfill core requirements and has no prerequisites.)

MATH 108 Problem Solving (3)
The techniques that mathematicians use to solve problems are applicable to all types of problem solving. In this course, students will develop these techniques by solving problems using basic concepts from a variety of mathematical areas. Students will then use these techniques to solve open-ended problems that require incorporating knowledge from other fields. Students will be encouraged to work cooperatively while developing their independent critical-thinking skills. (This course is designed to fulfill core requirements and has no prerequisites.)

MATH 109 Math Fundamentals for Educators (3)
This course meets the needs of education students by providing 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. A grade of 80% or above on the final exam for this course demonstrates fulfillment of competency in the mathematics requirements set by the Pennsylvania Department of Education (PDE). Students who receive below 80% on the final exam will be required to take three additional credits of mathematics in order to fulfill the requirements for certification. (This course is designed to fulfill core requirements for education students and has no prerequisites.)

MATH 153 Introduction to Mathematical Modeling (3)
The concepts of measurement and units, ratios and percentages, linear and exponential models, and elementary statistics will be taught using real-world examples. Use of spreadsheet technology will be integrated throughout the course. (This course requires confidence in arithmetic, and some basic knowledge of algebra. This course is designed to fulfill core requirements.)

MATH 201 College Algebra I (3)
An intermediate algebra course that teaches students to read, write, and think mathematically with the language of algebra. Applications common to business, accounting, economics, and other disciplines are explored. Topics include real numbers, graphing, linear equations and inequalities, and polynomials. (Offered in accelerated format only.)

MATH 202 College Algebra II (3)
An intermediate algebra course that teaches students to read, write, and think mathematically with the language of algebra. Applications common to business, accounting, economics, and other disciplines are explored. Topics include graphing; rational and radical expressions; polynomial function, inequalities; and exponential and logarithmic functions. (Prerequisite: Math 201 or equivalent) (Offered in accelerated format only.)

MATH 203 Intermediate Mathematics I (3)
This course focuses on the study and analysis of data and functions through the interpretation of real-world examples. The 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 throughout the course. (Requires competency in content covered in MATH 106.)

MATH 204 Intermediate Mathematics II (3)
This course continues the content of MATH 203 with an emphasis on developing, using, and interpreting mathematical models. The 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 throughout the course. (Prerequisite: MATH 203 or equivalent)

MATH 207 Introductory Analysis I (3)
This course focuses on the study and analysis of data and functions through the use of limits and derivatives. The 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 throughout the course. (Requires competency in content covered in MATH 203/204.)

MATH 208 Introductory Analysis II (3)
This course focuses on the study and analysis of data and functions through the use of integration. The focus of the course 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 throughout the course. (Prerequisite: MATH 207 or MATH 301 or equivalent)

MATH 216 Discrete Mathematics (3)
An 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 an emphasis on applications. (Requires competency in content covered in MATH 106.)

MATH 217 Math Concepts for Managers (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. (Only available to CLL students.)

MATH 301 Calculus I (3)
In addition to being a traditional course in differential calculus that covers limits, continuity, and differentiation, this course will emphasize conceptual understanding, mathematical modeling, and data analysis through a series of laboratory exercises. These exercises will utilize technology to increase understanding, including graphing calculators, computer algebra systems, and spreadsheets. The course meets four hours per week, for two hours
of lecture and two hours of lab. (Requires competency in content covered in MATH 203-204.)

MATH 302 Calculus II (3)
This course is a continuation of MATH 301 that covers topics from integral calculus, including a variety of integration techniques and applications of integrals. In this course, students will continue with the principles from MATH 301, including laboratory exercises that utilize technology to address conceptual understanding, mathematical modeling, and data analysis. The course meets four hours per week, for two hours of lecture and two hours of lab. (Prerequisite: MATH 301)

MATH 303 Introduction to Proof (3)
This course is an 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 301)

MATH 304 Calculus III (3)
This course is a continuation of MATH 301-302 that covers additional topics from calculus, including L'Hôpital's Rule, improper integrals, infinite series, parametric equations, polar coordinates, vectors, and surfaces in space. This course will continue with the principles from MATH 301-302, including laboratory exercises that utilize technology to address conceptual understanding, mathematical modeling, and data analysis. The course meets four hours per week, for two hours of lecture and two hours of lab. (Prerequisite: MATH 301-302)

MATH 305 Calculus IV (3)
This course is the culmination of the calculus sequence, and it covers 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. The course meets four hours per week, for two hours of lecture and two hours of lab. (Prerequisite: MATH 301)

MATH 306 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. (Prerequisite: MATH 305 or instructor’s approval)

MATH 307 Numerical Analysis (3)
The topics of this course include: numerical solution of equations and systems of equations; matrix methods; numerical integration; and the recursive nature of algorithms. (Prerequisites: MATH 304 and CIS 218)

MATH 309 Differential Equations (3)
This is a course in ordinary differential equations taught from a mathematical modeling perspective. Topics covered 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 throughout the course. (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)
This course is a study of vector spaces, matrices, determinants, and systems of linear equations. (Prerequisite: MATH 216)

MATH 312 Modern Geometry (3)
This course covers the development of postulational systems. Both Euclidean and non-Euclidean geometry will be discussed. (Recommended: MATH 216)

MATH 322 Real Analysis (3)
A rigorous treatment of the topics of calculus, including: sequences, limits, continuity, derivatives, integrals, and series. (Prerequisite: MATH 303 and MATH 304)

MATH 350 Operations Research (3)
This course is an introductory survey of linear programming, dynamic programming, transportation and network theory (PERT, traveling salesman, and shortest route problems), assignment problems, equipment replacement, scheduling problems, inventory control, decision theory, queuing theory, game theory, and simulation. The emphasis of the course will be on methodology. (Prerequisite: MATH 311 and CIS 218)

MATH 400 Topics in Math (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 students’ interests, but some common topics we offer include:
- Discrete (3) – Covers selected topics from combinatorics, graph theory, number theory, and/or game theory. (Prerequisite: MATH 216; Recommended: CIS 218)
- Modeling (3) – Teaches students to develop mathematical models from real-world problems. Discusses the solution of the mathematical model, and evaluation of the effectiveness of the model. (Prerequisites: MATH 204 or 208 or 302 or instructor’s approval)
- Problem Solving (3) – Provides students with an exposure to challenging mathematical problems and teaches them methods of solution. This course will develop critical thinking skills as well as teaching the students to use their own creativity. (Prerequisites: MATH 203 or 207 or 301 or instructor’s approval)

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 is selected by the student in consultation with the instructor. (See INFO 408.)

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. (See INFO 409.)

MATH 410 Senior Seminar (3)
Uses professional research methods for the development of an in-depth research paper and presentation on a mathematics,
MATH 411 Strategies for Teaching Mathematics (3)
This course meets the needs of pre-service mathematics teachers by exploring strategies for teaching mathematics in middle and high schools. Students will explore 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 exposed to the benefits of membership in professional organizations.

MATH 412 Selected Studies for Teachers (3)
This course covers selected topics in linear algebra, algebraic structures, statistics, number theory, and mathematical modeling. This course requires the completion of a written paper. (Open only to students in the Post-Baccalaureate Teacher Certification Program.)

COMPUTER SCIENCE

CIS 105 3D Computing (3)
Introduces computing concepts using a 3D visual environment. The visual environment 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; no prerequisites.)

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. (Offered in accelerated format only.)

CIS 218 Software Design & Programming (3)
Applies intermediate and advanced 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 (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 317 Computer Architecture (3)
Introduces the fundamentals of hardware and software in order to select, deploy, integrate, administer, and maintain an organization’s Information Technology infrastructure. (Prerequisite: MATH 216)

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 329 IT Risk Management (3)
Management’s role in controlling information technology used to process accounting data, designing systems and internal controls, are presented. Topics include the role of internal and external auditors in systems development and in electronic operations, and the assurance of information related to on-line, client-server, web-based, internet, and other advanced computer systems. (Prerequisite: BUS 235 or equivalent) (For Internal Audit program)

CIS 332 IT Security & Audit (3)
This course will provide an overview to various topics in information security with a balanced focus on both the managerial and technological aspects. In addition, relevant security related social themes such as privacy and legal issues will be discussed. The goal is to provide an overview of common security practices and introduce the concepts related to applied security technologies. This will enable the students to properly identify and analyze corporate security requirements. (Prerequisite: BUS 235 or equivalent) (For Internal Audit program)

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 405 Professional Internship (1–3)
A limited-enrollment, mentored professional field experience in the application of computer-science 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.)

INFORMATION TECHNOLOGY

INFO 101 Computer Technology I (3)
Presents the history of technology, its impact on society, and the benefits and risks associated with the use of technology. Teaches the basic skills required to effectively and efficiently use technology to increase productivity in terms of electronic communication. Effective use of word processing, spreadsheets, presentation software, databases, and web utilities. (Open to all students; no prerequisites.)

INFO 102 Computer Technology II (3)
Explores the more advanced skills required to effectively and efficiently use technology to increase productivity in terms of electronic communication. Hands-on projects develop the skills to determine how and when to segregate and share data in order to more effectively communicate information. (Open to all students; requires competency in content covered in INFO 101.)

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; no prerequisites.)
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; no prerequisites.)

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; no prerequisites.)

INFO 215 Social Computing (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. (Prior programming or web design study or experience required.)

INFO 231 Introduction to Networking (3)
Introduces the foundations of networking, the building blocks for data communications, network management and security. Also explores the application of networking to multimedia, storage considerations, and the worldwide web. (Requires competency in content covered in INFO101/102.)

INFO 240 Technology Workshops (0 – 3)
Develops basic skills in specific electronic tools and technologies. Specific content offerings vary. (Open to all students, no prerequisites.)

INFO 310 System Definition & 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)
Examines, 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 401 Emerging Technologies (1 - 3)
In-depth study of emerging technologies in information technology and/or computer science on an individual or small group basis.

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. (See MATH 408.)

INFO 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. (See MATH 409.)

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. (See MATH 410.)

INFO 415 System & Software Integration (3)
Examines the strategies and techniques used to allow communication among unique systems and disparate technologies. Applies architectures, programming languages, scripting languages, and application programming interfaces to integrate systems.

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: INFO 231)

INFO 430 Capstone Experience (3)
A 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.

INFORMATION TECHNOLOGY IN BUSINESS (BA)
(Offered only through ACCEL® Programs)

REQUIREMENTS FOR DEGREE COMPLETION
• Liberal Arts: English (6); world civilization (3); foreign language (3)*; philosophy (6); theology (3)*; designated humanities (6)*; social science (9)*; laboratory science (3), mathematics (3)*.
*Three credits each of foreign language, humanities, social science, and mathematics may be met through successful completion of modules within ACCEL®.
• Major: CIS 213, 221, 223, 225, 309, 310, 311, 312, 335; MATH 103; ORG 307, 342, 344, 345, 383; CCS 341; COM 240; THE 381
• Electives as needed to complete a total of 126 credits.
CIS 213 Organization Design and Support (3)
A study of information technology organizational design and support structures essential to efficient operation and excellent client service. Learners examine common methods and organizational designs for managing information and support services. Attention is given to the technical, interpersonal, and social issues in user support and the technical aspects of troubleshooting problems. (Offered in accelerated format only)

CIS 221 Concepts of Systems Thinking (1)
Introduction to the logical structure and development of programs and applications. Emphasis is on fundamental logic, flowcharting, analysis, and revision. (Offered in accelerated format only)

CIS 222 Systems Analysis and Design (3)
An introduction to the systems development life cycle and the strategies and techniques of structured system development. Learners discuss and explore a variety of design and CASE tools. (Offered in accelerated format only)

CIS 225 Database Management Systems (3)
The course provides the fundamental concepts necessary to design and implement relational database applications. This course focuses on data modeling and Structure Query Language (SQL). (Offered in accelerated format only)

CIS 309 Managing Issues in IT Projects (3)
An introduction to the issues concerning IT projects. This module examines the causes of the difficulties from cultural, organizational, and technical perspectives. It also discusses strategies for overcoming project difficulties. Learners are challenged to evaluate the current practices and consider alternative project strategies. (Offered in accelerated format only)

CIS 310 Basics of HCI (2)
An introduction to Human Computer Interaction techniques used to design useful and usable software systems. The course integrates theory with best practices. It integrates the knowledge and skills required to engineer and/or evaluate the usefulness and usability of a software application’s user interface. (Prerequisite: CIS 223: Systems Analysis and Design OR CIS 325: Systems Analysis and Design). (Offered in accelerated format only)

CIS 311 E-Commerce Introduction (1)
An executive overview of e-commerce. This course introduces students to e-commerce in terms of the business and information technology concepts. Learners explore the essential elements and usefulness of e-commerce. (Offered in accelerated format only)

CIS 312 Topics in Software Development (3)
An examination of emerging topics in software development. This course explores emerging software development methodologies and strategies that can potentially improve software development project success rates. It will draw on the student’s knowledge of issues in IT projects as well as an understanding of current software development methodologies and strategies. (Offered in accelerated format only)

CIS 335 Technology and Ethical Issues (3)
Issues driven by technology and information: validity, timeliness, freedom, limitations, privacy, access, intellectual property, copyright, intellectual integrity; communication law. (Competency in CIS 201 content is recommended) (Traditional and accelerated formats)

MATH 103 Mathematics and Information Technology (3)
Overview of mathematical topics essential to information technology. Learners will hone critical thinking skills and problem solving strategies while exploring elements of set theory, mathematical logic, probability and statistics, graph theory, and fundamental algebra. (Offered in accelerated format only)

ORG 307 Adult Development and Life Assessment (3)
Introduction to adult development theory, linking concepts to life experiences through a process of individual reflection. Classical and contemporary adult development theories are examined to provide paradigms for self-analysis and life assessment.

ORG 342 Managerial Economics (3)
A focus on the principles of economics as needed to be understood and utilized by managers and supervisors in all fields. In an era of “downsizing” or “rightsizing” resulting from international competition and globalization, managers at every level must understand and be able to use the principles of economics in making sound decisions.

ORG 344 Accounting and Finance for Managers (4)
This course explores fields of accounting and finance critical to every business situation. Many of the topics are interrelated, but some are studied in isolation. The focus of the course is on understanding accounting and finance principles as reflected in financial statements, their relationship to each other, and how data in financial statements are used in evaluation, planning, and control in an organization.

ORG 345 Issues in Management (3)
An examination of motivational theory and its application to individual and group functioning in work and home situations. Leadership styles related to particular circumstances are analyzed. Negotiation and analysis of productivity are included. General issues of managing change in organizations are also considered.

ORG 383 Strategic Planning (3)
Students are introduced to various management planning models and techniques and apply them to business cases. Strategic planning and management concepts are stressed.

CCS 341 Cultural Modes of Expression in the Global Community (3)
An exploration of the nuances of intercultural expression for an awareness and sensitivity needed for mutual understanding in international affairs.

COM 240 Forms of Professional Writing (3)
Style/forms of business/professional writing with emphasis on direct, clear language.

THE 381 Foundations of Spiritual Freedom (3)
This course explores the foundations of morality and adult spiritual formation. Through study of the Biblical roots of holiness, a focus on Christ as model, and an analysis of virtue, the student will come to know the path to authentic freedom.
PHYSICS

PHY 150 College Physics I (3)
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. 2 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 151 College Physics II (3)
Calculus-based course in the fundamental principles of heat, sound, light, magnetism, electricity, relativity, and quantum theory. 2 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 201 General Physics I (3)
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. 2 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 202 General Physics II (3)
Calculus-based course in the fundamental principles of heat, sound, light, magnetism, electricity, relativity, and quantum theory. 2 hours of lecture and 2 hours of laboratory are integrated with student problem solving in a studio format. (Prerequisite: PHY 201 or equivalent; Prerequisite or co-requisite: MATH 207-208 or 301-302)

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 208 Science of Communication (3)
Physical foundations of telecommunications including lasers and microwave communication; science and effective use of sound; electronics; optics. 2 hours lecture, 2 hours laboratory. (Prerequisite: Mathematics 203 or above)

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.)
Music
National Association of Schools of Music
American Music Therapy Association

Donna Bohn, Chair
William Carr
Sister Kathleen C. Dotu
Lillian Eyre
Sister Regina Foy
Anthony Meadows

VISION
The Immaculata Department of Music is committed to developing in its students an understanding and appreciation of the power and place of music in the world by: maintaining music as a primary discipline among the liberal arts; preparing students to use the power of music to perform, to teach, to heal, to worship, and to enrich the lives of all people; promoting the art of music as a spiritual and cultural force in society.

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 academic 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 within a comprehensive core music program;
• 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 and liturgical music;
• knowledge of music technology specific to educational, therapeutic, and compositional practices;
• professional competence in both music and music-related fields and services;
• acquired concepts and skills in professional careers and advanced study.

REQUIREMENTS FOR ENTRY INTO MAJOR
• All students must demonstrate sufficient aptitude through a comprehensive Music audition.
• Students applying to the music therapy program are required to pass an interview in addition to the audition.

REQUIREMENTS FOR FORMAL ACCEPTANCE INTO MAJOR
• For formal acceptance into the major, the academic standing and progress of all freshmen and transfer music students will be evaluated at the end of the second semester of study by a Music Screening Committee consisting of the full-time Music Department faculty. The consensus reached by these faculty members will determine acceptance or non-acceptance into the major.
• Students majoring in Music must earn at least a grade of C- or higher at Immaculata University in all required MUSC 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 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 which permits them to maintain satisfactory academic progress as stated in the Academic Life section of this catalog

REQUIREMENTS FOR MAJORS
Students in all four music programs are required to complete the following General Music Studies Core program:

Four Majors are Available to Music Students:
• Music (Bachelor of Arts): General Music Studies Core program; MUSC 317, 242 or 321
• Music (Bachelor of Arts): Music Performance (Vocal or Instrumental): General Music Studies Core program; MUSC 307, 308, 309, 310, 317, 242 or 321, 404.
• Music Education (Bachelor of Music in Music Education): General Music Studies Core program; MUSC 107, 108, 207, 208, 105 or 106, 117 (or guitar proficiency exam), 313, 314, 315, 317, 321, 347, 391. All students must pass the required level of proficiency in piano, voice, and guitar before assignment to student teaching. For additional Education Department requirements, see the Education section of this catalog.
• Music Therapy (Bachelor of Music in Music Therapy): General Music Studies Core program except MUSC 306. Only 4 semesters of convocation (MUSC 090), 6 semesters of MUSC 403 and 6 semesters of ensembles (MUSC 180-196). MUSC 102, 103 (8 credits), 108, 255, 318, 345, 391; MTR 100, 200, 201, 202, 203, 300, 301, 400, 406; BIO 103 (meets liberal arts core requirement in natural science); PSY 101, 320, 324 (meets liberal arts core requirement in social science).

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. The Bachelor of Music in Music Therapy program is accredited by the National Association of Schools of Music (NASM) and approved by the American Music Therapy Association (AMTA). Upon completion of all music therapy course work from MTR 100-MTR 300 with a grade of C or higher in each, along with demonstration of functional proficiency on piano, guitar, and voice (through a diagnostic examination and yearly clinical skills evaluations administered by music therapy faculty; consult department 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. Students may select a combined accelerated Bachelor of Arts in Music/Master of Arts in Music Therapy track by electing internship at the graduate level instead of the undergraduate level (resulting in the awarding of Bachelor of Arts in Music at the undergraduate level, and postponement of eligibility for Music Therapy Board Certification). Consult the College of Graduate Studies for details on the Master of Arts in Music Therapy program and the application process for those on the BA-MA track.
to the Modern Era will be discussed. Focus will be on learning how
where a brief overview of all styles of music from the Baroque Era
MUSC 104 The Enjoyment of Music (1)
concentrates on learning functional or proficiency skills in piano,
performances will be included. Open to students of all disciplines.
the world's musical languages. Varied media, Internet, and live
MUSC 107 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,
MUSC 130 Music Theory I (2)
The study of basic principles of four-part writing. Focus will be on
the tonic, subdominant, dominant, supertonic, and leading-tone triads in both major and minor keys. The concept of non-harmonic
tones will be introduced. Using computer composition software,
students will compose, edit, and analyze four-part chorales (50
minutes lecture, 100 minutes laboratory) (Co-requisite: MUSC 131).
MUSC 131 Aural Skills I (2)
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 (50 minutes
lecture, 100 minutes laboratory) (Co-requisite: MUSC 130).
MUSC 132 Music Theory II (2)
A continuation of four-part writing and analysis using all
diatonic chords and non-harmonic tones. Secondary dominants and
elementary modulation will be introduced. Using computer
composition software, students will compose, edit and analyze four-
part chorales (50 minutes lecture, 100 minutes laboratory) (Co-
requisite: MUSC 133).
MUSC 133 Aural Skills II (2)
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 (1 hour lecture, 1 hour laboratory) (Co-requisite: MUSC 132).

**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.

**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.

**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).

**MUSC 180 Chorale (0.5 course)**
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.

**MUSC 181 Madrigal Singers (.5 per course)**
Chamber ensemble dedicated to performance of music from Renaissance and Baroque periods. Membership by audition. Fulfills small ensemble requirement.

**MUSC 183 Piano Ensemble (.5 per course)**
Participation in Piano Ensemble will enhance piano skills for accompanying, sight reading, playing duets and literature for multiple pianos. Fulfills small ensemble requirement.

**MUSC 184 Men’s Glee Club (.5 per course)**
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.

**MUSC 185 Symphony Orchestra (0.5 per course)**
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.

**MUSC 186 String Ensemble (.5 course)**
Ensemble designed to provide performing experience for instrumentalists majoring in violin, viola, cello, and string bass. Participation fulfills small ensemble requirement. Open to the general student through audition.

**MUSC 187 Woodwind Ensemble (.5 course)**
Ensemble provides opportunities to rehearse and perform standard Woodwind Trio and Quintet literature. Open to all students by audition. Fulfills small ensemble requirement.

**MUSC 188 Wind Symphony (0.5 per course)**
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 through audition.

**MUSC 189 Saxophone Ensemble (.5 per course)**
Ensemble provides experience rehearsing and performing standard jazz ensemble repertoire. Open to general student by audition. Fulfills small ensemble requirement.

**MUSC 190 Flute Choir (.5 per course)**
Ensemble provides an opportunity to rehearse and perform flute ensemble literature in a chamber music setting. Open to general student by audition. Fulfills small ensemble requirement.

**MUSC 191 Brass Ensemble (.5 per course)**
Ensemble provides an opportunity to rehearse and perform standard brass ensemble literature from Gabrieli to contemporary literature. Open to general student by audition. Fulfills small ensemble requirement.

**MUSC 192 Guitar Ensemble (.5 per course)**
Ensemble provides opportunities for both music and non-music majors to learn how to perform ensemble music for guitar. Fulfills small ensemble requirement.

**MUSC 193 Percussion Ensemble (.5 per course)**
Ensemble provides opportunities to rehearse and perform standard percussion ensemble literature. Open to general student by audition. Fulfills small ensemble requirement.

**MUSC 194 Jazz Ensemble (.5 per course)**
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.

**MUSC 195 Liturgical Music Ensemble (.5 per course)**
Ensemble provides opportunities for singers and instrumentalists interested in Music Ministry. Participation fulfills requirement for Liturgical Studies minor and small ensemble requirement.

**MUSC 196 Trumpet Ensemble (.5 per course)**
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.

**MUSC 201 Music and Theatre (3)**
Study of the association of music with drama from the Greeks, through the development of opera, to the present day. Emphasis on 20th century musical theatre. Recommended elective for general students.

**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. Knowledge of basic music theory and aural skills is required.
MUSC 203 Applied Music Elective I-VIII (1 credit per course)

Private instruction for one-half or one hour weekly; an elective for non-majors. Lesson times arranged with Coordinator of Applied Music. Course may be repeated.

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.

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.

MUSC 230 Music Theory III (2)

A continued exposition of harmonic structures and progressions as begun in earlier levels. Part-writing, aural skill development, and analysis will incorporate tonicization, modulatory techniques, advanced harmonies and usages, (50 minutes lecture, 100 minutes laboratory) (co-requisite: MUSC 231).

MUSC 231 Aural Skills III (2)

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 (50 minutes lecture, 100 minutes laboratory) (Co-requisite: MUSC 230).

MUSC 232 Music Theory IV (2)

Summary and synthesis of all diatonic and chromatic harmonic structures and usages as found in the Common Practice Era. Principal work will include study of harmonic complexities in special situations, new directions, and an introduction to twentieth-century harmonic, melodic, and rhythmic changes in compositional practice (50 minutes lecture, 100 minutes laboratory) (Co-requisite: MUSC 233).

MUSC 233 Aural Skills IV (2)

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 (50 minutes lecture, 100 minutes laboratory) (Co-requisite: MUSC 232).

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).

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).

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).

MUSC 242 Composition (2)

Application of compositional techniques in the writing of small musical works for voices and instruments.

MUSC 253 Internship in Music Technology (3)

A practical experience in the music industry provided for the student under the supervision of a music faculty member.

MUSC 254 Independent Project in Music Technology (3)

A culminating presentation/performance developed by the student. Compositions and/or improvisations for the program will be selected from the student’s portfolio. (May be incorporated in MUSC 344.)

MUSC 255 Music Technology I: (1)

This introductory course provides an overview of the applications of music technology in the Music Therapy clinical setting. In addition to providing an overview of MIDI technology, sampling, sound modules and recording programs, this course focuses on developing a practical understanding of basic notation programs, sound recording and editing software, Garage Band, and switch technology. Open to all students and required for Music Therapy majors and Music Technology minors.

MUSC 256 Music Technology II: (1)

This course is the intermediate level course in music technology and covers more advanced levels of sound recording, sequencing, sampling, and the use of modified sound modules. Compositions through MIDI will be taught, recorded, and performed. Open to all students and required for Music Technology minors. (Prerequisite: MUSC 255; prerequisite can be waived by instructor)

MUSC 257 Music Technology III: (1)

This course is the advanced level course in music technology and provides instruction for multi-track compositions and improvisations. Instruction will emphasize recording and editing techniques. Final editing and mastering of compositions through digital technology will be prepared for performance. Open to all students and required for Music Technology minors. (Prerequisite: MUSC 256; prerequisite can be waived by instructor)

MUSC 300 HON: Women in the 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 301 Music Among the Arts (3)

Study of the relationship of music to painting, architecture, drama, and dance.

MUSC 303 Applied Music Minor I-VIII (1 per course)

Private instruction for one-half or one hour weekly; an elective for majors in a minor performance area. Lesson times arranged with Coordinator of Applied Music. Course may be repeated.

MUSC 306 Orchestration (2)

Scoring and arranging musical compositions for string, woodwind, brass ensembles and the full orchestra.
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. This course will be a continuation of Diction Class (MUSC 106) which will be a prerequisite. Required of all Music Performance majors.

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. Required of all Music Performance majors.

MUSC 309 Vocal Literature (2)
This course will cover the standard choral repertoire for vocal performance majors and will give the student a working and practical knowledge of the vocal repertoire from the Renaissance, Baroque, Classical, Romantic, and 20th-Century eras of music. Required of all Music Performance majors.

MUSC 310 Instrumental Pedagogy (2)
This course will cover the standard orchestral, band, and keyboard literature for instrumental performance majors. The students will gain a working and practical knowledge of the instrumental repertoire from the Renaissance, Baroque, Classical, Romantic, and 20th-Century eras of music. Required of all Music Performance majors.

MUSC 313 Professional Orientation in Music Education (1)
An 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.

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.

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.

MUSC 317 Basic Conducting (2)
An introduction to the fundamental techniques for conducting instrumental and choral ensembles. Topics will include learning to study vocal and instrumental scores as well as an opportunity to rehearse and conduct one of the larger student ensembles.

MUSC 318 Choral Conducting (1)
This course will focus on the development of conducting technique through varied choral literature. Discussion of choral procedures, rehearsal planning, voice classification, score preparation, as well as aspects of diction, vocal tone, and selection of choral repertoire will be included in courses.

MUSC 319 Instrumental Conducting (1)
This course will focus on the development of conducting technique through varied instrumental literature. Discussion of instrumental procedures, rehearsal planning, instrument groups, score preparation, as well as aspects of instrumental tone quality, and selection of instrumental repertoire will be included in course.

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)

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 0 or 1 credit.

MUSC 341 Music History I: Bach and Before (3)
Survey of Western music including Medieval, Renaissance, and Baroque periods. Representative works will be studied, analyzed, and performed.

MUSC 342 Music History II: Classic and Romantic Eras (3)
Survey of Western music from Haydn and Mozart through Liszt and Wagner. Representative works will be studied, analyzed, and performed.

MUSC 344 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. (Prerequisite: MUSC 341, 342, and 441 and with permission of the instructor).

MUSC 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. A study of the acoustics of music will be incorporated into the course. Research in the Psychology of Music will be surveyed and evaluated. (Prerequisites: PSYC 101.)

MUSC 346 Form and Analysis (1)
This course offers a detailed aural and visual analysis of the principal forms and structures of music used by important composers of the Baroque, Classical, Romantic, and Modern periods of music. Prerequisite: Music Theory I-IV.

MUSC 347 Music Student Teaching (6)
This course provides Music Education students a chance to work with professional music teachers while spending full-time in area schools. The students participate in weekly seminars conducted by the university staff. Through lectures and discussions led by local school personnel, the prospective Music teachers are given a chance to become familiar with their professional obligations and benefits. (The course is cross-referenced with EDU 325: Student Teaching: Secondary)

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 the inclusive classroom setting. This course develops skill and knowledge relevant to both music education and music therapy. Can be taken by music education majors as a substitute for EDU 381.
MUCS 401 Independent Music Studies (1-6)
Individual reading, research, and presentation of a topic or development of a special project with the permission of and under the direction of a member of the department.

MUCS 403 Applied Music Major I-VIII (1 credit per course)
Private instruction for forty-five to sixty minutes weekly; a requirement for majors in the primary performance area. Recital performance required. Lesson times arranged with Coordinator of Applied Music. Course may be repeated.

MUCS 404 Semester Performance (1 credit per semester)
This course will allow the Music Performance major to have additional opportunities to be coached in performance and to perform in public. The course is required for all Music Performance majors for a total of 8 credits and will help prepare the student for their culminating and required performance experience: Senior Recital. This course must be repeated for 8 semesters.

MUCS 405 Applied Music Performance Major (2 credits).
This course provides twelve private music lessons for 60-minutes each on a weekly basis. This course is a requirement for all Music Performance majors, both vocal and instrumental, in their primary performance area. Performance at Music Convocation and/or Evening Student Recital is required every semester for eight semesters. Lesson times are arranged with the Coordinator of Applied Music. Course may be repeated.

MUCS 441 Music History III: Twentieth Century Styles (3)
Study of representative musical works by notable 20th-century composers. Examination and discussion of various musical styles including electronic music, jazz, and non-Western music.

MUCS 442 Research Seminar in Music (3)
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. (Prerequisite: MUCS 341, 342, and 343 with permission of the instructor).

MUSIC THERAPY

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 the music therapy field; and an introduction to major orientations to clinical practice. Includes the opportunity to observe music therapy in clinical settings.

MTR 201 Music Therapy Principles I (3)
An in-depth examination of didactic practices in music therapy, in which music experiences and therapeutic relationships promote the acquisition, restoration, or maintenance of knowledge and skills integral to well being. The theoretical, clinical, and research literature pertaining to these practices are reviewed, with consideration given to multiple therapeutic orientations. Special attention is given to the role of music experiences in client assessment and treatment, across various populations and settings. Students explore pertinent case examples, plan and implement simulated music therapy processes, and cultivate resources for future use. (Prerequisites: MTR 200, MUCS 391, PSY 324, MUCS 103.)

MTR 202 Music Therapy Principles II (3)
An in-depth examination of medical practices in music therapy, in which music experiences and therapeutic relationships promote physiological well being. (Prerequisites: BIO 103, BIO 104, MTR 200, MUCS 103.)

MTR 203 Music Therapy Principles III (3)
An in-depth examination of psychotherapeutic practices in music therapy, in which music experiences and therapeutic relationships promote mental and emotional well being. (Prerequisite: MTR 200, MUCS 103, PSY 320.)

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 practica (each featuring a different client population), at 1 credit each (3 credits total), for a minimum of 50 clinical training hours per semester (150 hours total). With permission of the department, students may complete more than one practicum within a given semester. Prerequisites: MUCS 103, MTR 100, 200. (Fee: $75 per credit)

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 302 MIP: Circles of Expression (1 credit)
An introduction to instrumental and vocal improvisation facilitated by the Music for People organization under the direction of cellist David Darling. Students gain experience in free, non-referential improvisation in both small ensembles and large groups. An emphasis is placed on the development of active listening skills central to facilitating improvisational experiences. This course may be taken up to three times for a total of 3 credits.
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 attend 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; demonstration of functional proficiency on piano, guitar, and voice at a level suitable for entry into internship. (Fee: $75 each time student registers regardless of the number of credits; normally student will register for 2 credits per semester)

MTR 401 Music Therapy Special Topics (1-6)
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.

MTR 406 Theoretical Orientations to Music Therapy Clinical Practice (2)
Students gain an understanding of the philosophical and theoretical underpinnings of music therapy clinical practice, contextualized around the Wilbur (1995) four-quadrant model. Philosophies of therapy, human development, music and health are explored and connected to clinical practice with an emphasis on research. Students develop their own philosophy of therapy related to Music Therapy.

MTR 407 Improvisational Methods in Music Therapy (3)
An in-depth orientation to clinical improvisation. Students develop an understanding of improvisational models of music therapy, learn and apply improvisational techniques, and develop ways of listening to and interpreting improvisations for therapy with various clinical populations. (Prerequisites: MTR 200, MTR 201.)

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. (Prerequisites: MTR 200, MTR 201.)

MTR 409 Receptive Methods in Music Therapy (3)
An in-depth orientation to receptive methods of music therapy, including projective listening, song discussion and music and imagery. Students develop a theoretical, methodological and practical understanding of designing receptive music therapy experiences, with an emphasis on music selection and verbal processing skills. (Prerequisites: MTR 200, MTR 201.)

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. (Co-requisites: MUSC 391, MTR 200.)
Nursing

Margaret Lacey, Chair, Division of Nursing
Marguerite Ambrose
Kathleen A. Clark
Janice Crammer
Sister Agnes Cummings
Sister Paula Jameson
Kathleen Lawler
Gail Lehner
Marilyn McHugh
Susan Mickey
Janice Reilley
Mary Ellen Santucci
Jane Hsiao-Chen Tang, MSN Program Coordinator
Karen Thompson
Stephanie Trinkl

Two undergraduate Bachelor of Science in Nursing (BSN) programs are offered:

1) a prelicensure Generic BSN program for the individual who is not a registered nurse (RN)
2) an RN to BSN program for the individual who is a registered nurse (RN). The RN to BSN program is an accelerated degree completion program.

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 program prepares students academically, socially, and spiritually to practice within today’s complex healthcare systems. The RN to BSN program is designed to facilitate the educational mobility of associate degree and diploma nursing programs graduates. Building on the liberal arts and sciences, the programs promote the growth of knowledge, professional skill, and intellectual inquiry. The division’s programs prepare the students 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.

OUTCOMES

Upon successful completion of nursing division programs, 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;
• applies teaching-learning principles in promoting health;
• evidence an awareness of and interest in lifelong learning.

GENERIC BSN PROGRAM

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, or current Immaculata student.

Prospective Students

• Fulfillment of basic requirements for admission for 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 years of mathematics (including algebra) and three in the sciences, two with a lab, one of which must be chemistry.
• Acceptable SAT/ACT scores. If SAT/ACT scores are older than 5 years, an entrance test will be required.
• Two letters of recommendation. Letters should be from teacher(s), coach(es), employer(s), counselor(s), etc.
• Essay on why you would like to pursue a career in nursing.
• Application to Immaculata University online at www.immaculata.edu/admissions/apply OR through The Common Application at www.commonapp.org

Transfer Students

• Transcript from previous college(s) documenting successful completion of at least 12 credits or one full term of study at an accredited institution.
• College GPA generally in the area of 3.0 or higher on a 4.0 scale.
• Completion of the following courses on a high school or college level: three courses in mathematics (including algebra) and three courses in the sciences, two with a lab, one of which must be chemistry.
• If fewer than 24 transfer credits:
  • Acceptable SAT/ACT scores.
  • If SAT/ACT scores are older than 5 years, an entrance test will be required.
  • High school transcript.
  • Minimum of a C+ in any required science course if applicable.
  • Two letters of recommendation. Letters should be from teacher(s), coach(es), employer(s), counselor(s), etc.
• Essay on why you would like to pursue a career in nursing.
• Application to Immaculata University online at www.immaculata.edu/admission/apply OR through The Common Application at www.commonapp.org
**Current Immaculata students**

- Completion of minimum of 12 credits or one full term of study at Immaculata University.
- Completion of the following courses on a high school or college level: three courses in mathematics (including algebra) and three courses in the sciences, two with a lab, one of which must be chemistry.
- Immaculata transcript with GPA in the general area of a 3.0 or higher on a 4.0 scale. Minimum of C+ in all required science courses.
- Two letters of recommendation. Letters should be from teacher(s), coach(es), employer(s), counselor(s), etc.
- Essay on why you would like to pursue a career in nursing.
- Submission of the Immaculata University application:
  - Current CLL students should meet with the CLL advisor and complete the application for the College of Undergraduate Studies at www.immaculata.edu/admissions/apply
  - Current CUS students interested in admission to the Division of Nursing, should complete application process in consultation with the Director of Academic Advisement.

*N.B. Since admission to the Nursing Program is competitive, meeting the minimum admission requirements does not guarantee acceptance to the program.

**Current Immaculata students and transfer students ONLY may apply for the spring semester and will be considered on a space available basis.**

**NURSING DIVISION REQUIREMENTS**

All students enrolled in the generic BSN Program must meet the following requirements prior to their first clinical experience. These requirements must be renewed annually.

- Completed physical exam, immunization records, and diagnostic tests including Performance of Essential Functions (See Appendix A) (performed by physician, physician assistant or a licensed nurse practitioner) within six (6) months of university admission;
- Hepatitis B vaccine series (3 doses) completed or in progress or signed waiver;
- All immunizations up to date and Immunization Record completed, with the last DT (diphtheria inoculation and Tetanus toxoid) within the last ten years;
- Negative PPD test for TB (tuberculosis) within last 6 months;
- Chest x-ray (normal results) for positive TB test;
- Evidence of current health and liability insurance provided by Immaculata University;
- Maintain current Healthcare Provider CPR certification;
- Child Abuse Clearance - print out form and follow online instructions for processing http://www.dpw.state.pa.us/Resources/Documents/Pdf/FillInForms/DPWChildabuse.pdf Bring a copy of the completed form along with copy of the $10.00 money order. This cannot be done online and must be mailed;
- PA State Police Criminal Background Check*. Please note the Criminal History clearance can be done online at http://epatch.state.pa.us Do not place a “www” in front of the internet address. There is a $10.00 credit card fee which can be paid online. Printing the results is faster than submitting clearance by mail;
- *If student has been a resident of PA for fewer than 2 years, an FBI Background Check is required. Certain clinical facilities also require fingerprinting; student will be informed of this requirement. The application for the fingerprint-based background check is available at http://www.pa.cogentid.com/ Registration must be completed prior to going to the fingerprint site. There is a $36.00 fee payable online;
- Mandatory drug screening as required by certain clinical facilities. Students will be notified by advisor prior to the start of the semester when this is required. In addition, anyone attending clinical who is suspected of being under the influence of drugs or alcohol will automatically be reported and screened. If results are positive, disciplinary action will be taken.

*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 the applicant 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 Nursing Program requires that the students:

- Maintain a cumulative GPA of 2.33 or higher;
- Complete nursing courses in the order listed in the program sequence plan;
- Complete nursing program within five (5) calendar years of the start of the first nursing course;
- Pass the theory, lab and clinical components of each nursing course concurrently. A clinical grade of “Unsatisfactory” results in a clinical failure which is equivalent to a course grade of “F”;
- Pass all nursing courses with a grade of C+ or higher. A grade below a “C+” in any nursing course will result in a failure.
  - Students who receive a grade below C+ in a nursing course must repeat the course before they can progress to the next nursing course.
  - Only one clinical nursing course may be repeated at each level. Enrollment in the repeated course is contingent upon space available in that course when offered again.
  - Any student who fails more than one nursing course (clinical or nonclinical) will be placed on academic
review by the program.

- When a student has been placed on academic review, an academic progression plan will be initiated by the Director of the BSN program.
- In addition to meeting the general university requirements, all science courses listed in the previous semester(s) must be completed with a “C+” grade or higher. Students may repeat a course one time in order to earn the necessary C+ grade. **Courses must be repeated at IU.**
- Maintain satisfactory personal performance that is consistent with professional responsibility and accountability. Clinical performance and behavior must be in compliance with 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 absence may jeopardize the student’s ability to master the course objectives. Time missed in the lab should not exceed 2 days per course. A student should not miss more than one clinical day per course. Clinical absences exceeding this policy must be made up and a fee will be charged.

*Note: The nursing program policies may be revised in order to meet the guidelines or requirements of the program’s regulatory bodies.*

**REQUIREMENTS FOR GENERIC BSN DEGREE**

**English Composition (6 cr); Math (3 cr); Hist (3 cr); Humanities elect (3 cr); PSY 208: Statistics (3) Introduction to Sociology (3 cr); Introduction to Psychology (3 cr); Lifespan Developmental Psychology (3 cr); Microbiology (3-4 cr); Anatomy and Physiology (6-8 cr); Chemistry 100 (3-4 cr); Biol 104 Cell Biology & Genetics (3 cr); Nutrition (3 cr); Theology (6 cr); Phil. (6 cr); Foreign Language (6 cr) or demonstrated competency (SPA 150 and 152 recommended); EXS 100-level (2 cr); FYE (1 cr); PHYS ED (2 contact hours); Nursing major (55 credits); electives as needed to complete 128 credits.

**ACCEL® – ACCELERATED RN to BSN PROGRAM**

The Department of Nursing at Immaculata University developed an Accelerated Continuing and Experiential Learning (ACCEL®) Program to meet the needs of registered nurses interested in earning a baccalaureate degree. By attending one morning or one evening per week, this program enables the working nurse to complete degree requirements in about two years.

**REQUIREMENTS FOR RN TO BSN DEGREE COMPLETION**

- **Admission/Lower Division Requirements:** English Composition (6 cr); Introduction to Sociology (3 cr); Introduction to Psychology (3 cr); Lifespan Developmental Psychology (3 cr); Microbiology (3-4 cr); Anatomy and Physiology (6-8 cr); Chemistry 100 (3-4 cr); Nutrition (3 cr); Nursing concentration (30 credits).
- **ACCEL® Program:** NUR 301, 302, 336, 403, 416, 418, 423, 432, 440, 450, (35 credits of upper division nursing courses). Another 15 credits are distributed as follows: PHI 209, ENG 241, ORG 311, THE 408, POL 352.
- **Requirements beyond ACCEL® Program:** Philosophy (3 cr);
  - Theology (3 cr); English literature (3 cr); World Civilization (3 cr); Foreign Language or Spanish for Medical Personnel (3 cr); electives as needed to complete 126 total credits.

**SCHOOL NURSE CERTIFICATION**

This certification has been approved by the Pennsylvania Department of Education. Students who have completed the approved program and have been recommended by Immaculata University are eligible for a preliminary Pennsylvania Certificate to work in school settings as a school nurse. Students seeking certification should contact the Coordinator of the School Nurse Certification Program.

**REQUIREMENTS FOR CERTIFICATION**

- Current R.N. Licensure, B.S.N. or current enrollment in the Immaculata University BSN program
- Liberal arts requirements: Prior education must have included Mathematics (6 cr.); English Composition (3 cr.); English Literature (3 cr.),
- Major requirements: Education 301, 381; Nursing 420 (one education course must be taken before Nursing 420), and Nursing 424. Education courses may also be taken at the graduate level.

**COURSE DESCRIPTIONS FOR THE GENERIC BSN PROGRAM**

**NUR 201 Introduction to Holistic Nursing Practice (4)**

The roles of the baccalaureate generalist nurse within today’s healthcare system are presented. The individual components of the generalist role as delineated in the AACN Essentials of Baccalaureate Education for Professional Nursing Practice are examined and explored. Emphasis on foundational nursing concepts and fundamental nursing skills necessary for practicing holistic nursing care are presented. One credit is experiential learning in the nursing simulation laboratory and in a long term care facility. (Prerequisites: CHE 100; BIOL 104, BIOL 208 & 209. Co-requisite: BIOL 210. Special permission by the Nursing Division to take other science courses concurrently is required), 3 hours lecture, 2 hours laboratory.

**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; NUR 201 Co-requisites NUR 307 & 308)

**NUR 307 Holistic Health Assessment and Promotion (4)**

This course introduces the student 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 100 & 200 level science courses; NUR 201. Co-requisites NUR 304 & 308), 3 hours lecture, 2 hours laboratory.

**NUR 308 Holistic Nursing Care I (5)**

This course introduces the student 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 100 & 200 level science courses; NUR 201. Co-requisites NUR 304 & 307). 3 hours lecture, 6 hours of clinical practice.

NUR 309 Holistic Nursing Care of Families (6)
This course will introduce students to the concepts and principles of nursing care of the child-bearing and childrearing family. Concepts of growth and development and family centered care will be emphasized. Four credit hours will be didactic with two credit hours of experiential learning in a variety of healthcare settings. (Prerequisites: NUR 201, NUR 304, NUR 307, NUR 308, PSY 324; Co-requisite NUR 311). 4 hours lecture, 6 hours of clinical practice.

NUR 311 Holistic Nursing Care II (5)
This course will emphasize 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: NUR 201, NUR 304, NUR 307, NUR 308, PSY 324. Co-requisite NUR 309). 3 hours lecture, 6 hours of clinical practice.

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. (Prerequisite: NUR 201).

NUR 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. (Elective)

NUR 404 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 NUR 201, and all 300 level nursing courses, except nursing 300 electives). (Pre or co-requisite: PSY 208).

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: NUR 201 and all 300 level nursing courses, except nursing 300 electives). 3 hours lecture, 9 hours of clinical practice.

NUR 407 Holistic Nursing Practice in Communities (6)
This course explores knowledge and concepts applicable to public health and aggregate care. An understanding of the impact of health and social systems on human well-being in local, national, and global communities is emphasized. Three credits are experiential learning in a variety of community settings. (Prerequisites: NUR 201 and all 300 level nursing courses; NUR 418, 352 or a 300 level nursing elective may be taken concurrently). 3 hours lecture, 9 hours of clinical practice.

NUR 410 Concepts in Nursing Leadership and 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: NUR 201 and all 300 level nursing courses, except nursing 300 electives).

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 433 Transition into Holistic Nursing Practice (4)
The course will enable the student to synthesize knowledge and skills gained from prior courses in order to transition from the role of a student to the role of a professional nurse. Three credits are used for an independent clinical experience with a preceptor in a healthcare setting. (Pre-requisites: NUR 201 and all 300 level nursing courses; NUR 418, 352 or a 300 level nursing elective may be taken concurrently). 1 hour lecture, 16 hours of clinical practice over 8 weeks.

COURSE DESCRIPTIONS FOR THE RN to BSN PROGRAM
With the exception of NUR 420: School Health Theory and Practice and NUR 424: School Health Theory and Practice II, all RN to BSN courses listed are offered only through the ACCEL® program. NUR 420 & NUR 424 are offered only as semester-long courses.

NUR 301 Philosophical Foundations of Baccalaureate Nursing (3)
This is the introductory course to baccalaureate education for returning registered nurse student. The focus is designed to acquaint the practicing nurse with a perspective with the unique role of registered nurses in the health care system and the nursing profession. Content includes nursing theory, critical thinking, leadership, change theory and political advocacy.

NUR 302 Essentials of Holistic Nursing (3)
This course introduces holistic nursing and builds upon the critical thinking theory presented in NUR 301. The philosophical and theoretical basis of holistic nursing practice is explored. The 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 examined. (Prerequisite: NUR 301)

NUR 336 Anthropology and Health (3)
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. Presents principles for interaction with both multicultural teams and interdisciplinary teams. Designed to provide the practicing nurse with tools to work effectively with multicultural teams and to deliver culturally competent nursing care. (Prerequisite: NUR 302)

NUR 403 Fundamentals of Nursing Research (4)
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, in its
application to evidence based practice. (Prerequisite: NUR 416, ORG 311)

NUR 415 Independent Study in Nursing (1-6)
Independent study or research into areas relevant to the field of nursing.

NUR 416 Health Assessment (4)
This course builds on the RN students’ prior knowledge and clinical experience to develop comprehensive health and physical assessment skills. The analysis of physical findings, health behaviors, and lifestyle as the basis for client teaching is emphasized. Laboratory practice of assessment skills is included in class time. (Prerequisite: NUR 336).

NUR 418 Holistic Health (3)
This course builds upon NUR 302 and expands the students’ knowledge and practice in holistic nursing. The student analyzes and applies evidence based research findings of integrative and alternative modalities to nursing care. (Prerequisite: NUR 403)

NUR 423 Nursing Leadership and Management (4)
Theories and principles of leadership and management in health care environments will be examined and discussed. Organizational mission, vision and strategic planning, legal/ethical issues, motivation and change theory are applied to health care systems. (Prerequisite: NUR 418)

NUR 432 Holistic Care of the Chronically Ill and Elders (3)
This course builds on previous knowledge and the theories of holistic nursing. Learners are guided to develop a holistic framework for the care of elders and the chronically ill. Issues related to the aging process, role changes, vulnerability, stigma, ethics, advocacy, and end of life and case management of elders and the chronically ill are addressed. (Prerequisite: NUR 423)

NUR 440 Nursing Care of Communities (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 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: NUR 432) ($50 field experience lab fee).

NUR 450 Capstone (2)
This course is the culmination of the BSN nursing program. In a capstone paper students reflect on their learning and demonstrate synthesis of knowledge and the attainment of the BSN graduate learning outcomes. Online course. (Prerequisite – all nursing courses)

COURSE DESCRIPTIONS FOR SCHOOL NURSE CERTIFICATION

NUR 420 School Health Theory and Practice I (3-4)*
This course is part of the School Nurse Certification Program and examines the health status of children and personnel in the school setting. Emphasis is placed on the assessment, identification, and resolution of health problems common to these populations. CLINICAL PRACTICUM REQUIRED (150 HOURS IN A SCHOOL SETTING). (Prerequisites: B.S.N. or matriculation into the Immaculata University B.S.N. program, and EDU 301 or EDU 381. Education courses may also be taken at the graduate level). *4 credits will be earned beginning with the Fall 2011 term in fulfillment of new PDE requirements

NUR 424 School Health Theory and Practice II (3)
This course is devoted to addressing accommodations and adaptations necessary for students with disabilities. A clinical practicum will include 10 to 15 hours in an inclusive school setting, 2 hours of which will be a field experience at a child development center. (Prerequisite: NUR 420).
The Department of Nutrition and Dietetics offers major curricula leading to the Bachelor of Science degree. The courses are adapted to meet the requirements of The American Dietetic Association by means of the accredited Didactic Program in Dietetics*.

VISION
The focus of the Nutrition-Dietetics program is on providing our students with the tools to become contributing and effective members of the dietetics profession. We offer current and relevant nutrition and foodservice information to our students while training them in the skills of research and nutrition counseling as well as providing professional experience. We do this within the context of a liberal arts education.

OUTCOMES
Upon successful completion of the Didactic Program in Dietetics, students will be able to:

• evidence logical and critical thought, independent study, integration of knowledge, and appreciation of life-long learning;
• demonstrate the ability to communicate effectively in a multicultural society, respecting diversity;
• exhibit values of personal integrity and ethical conduct.

*For those students who have a baccalaureate degree, these programs 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.)

REQUIREMENTS FOR MAJOR

• Nutrition — Didactic Program in Dietetics* (BS): FNU 109, 205, 212, 305, 310, 320, 322, 325-326, 333, 335, 353, 357, 358, 359, 362; CHE 101-102, 201, 202; BIOL 204, 205, 207; PSY 208, 324; SOC 202; ECO 203; ACC 201; MATH (6 credits)

REQUIREMENTS FOR MINOR
• Nutrition: BIOL 207 or 209, 210; CHE 201, 202; FNU 109, 305, 322, 325-326.

REQUIREMENTS FOR ACCEPTANCE INTO MAJOR
Undergraduate students who begin their studies at Immaculata will be accepted into the Nutrition and Dietetics major, if they have a GPA of 2.6 or greater. They must maintain the 2.6 GPA to remain in the major. Students with a GPA less than 2.6 at the end of their freshman year will be conditionally accepted. They must have a 2.6 GPA by the end of their sophomore year and maintain this GPA. The department chair will notify the students of their status.

Transfer students must study at Immaculata University for at least one year and complete at least 24 credits before applying for acceptance to the Nutrition and Dietetics major. They must maintain a 2.6 GPA.

At the completion of requirements for the major, students must have an overall GPA of 2.6 and a B- or better in all FNU courses to receive a Verification of Completion of the Didactic Program of Dietetics. This document is required to apply for a dietetic internship or to be eligible to take the exam to be a Dietetic Technician Registered (DTR.)

NUTRITION AND DIETETICS

FNU 109 Fundamentals of Food and Its Preparation (3)
Study of food, food preparation, and meal planning, with an emphasis on composition, nutritive value, convenience, preservation, and safety. 2 hours lecture, 2 hours laboratory.

FNU 110 Management of Food Service Operations (1 credit/non-credit)
The essentials of a retail food operation are presented in this course. Emphasis is on utilization of resources, organizational goals, and management and leadership skills. Delivery of quality products and services in a safe, sanitary, and pleasant setting is stressed. Elements of merchandising, shrinkage, labor control, and profit in the context of in-store and community environments will be covered. (Offered only through Corporate Education.)

FNU 205 Introduction to Nutrition and Dietetics (3)
Survey of the historical and philosophical foundations of the profession of dietetics, including the America Dietetic Association, professional ethics, the professional role of the dietitian, and career opportunities. Overview of normal nutrition and contemporary consumer topics. Information literacy, including criteria for selection and evaluation of professional articles, use of the American Dietetics Association Evidence Based Library, and presentation skills as related to nutrition and dietetics.

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. (For non-nutrition majors only)

FNU 212 Culture and Diversity in Foods and Nutrition (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. (Meets cross-cultural course requirement)

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 305 Nutrition (3)
Principles of human nutrition; factors involved in the availability, digestion, absorption, and utilization of nutrients; techniques for assessing personal nutritional status. (Prerequisites: CHE 201; FNU 109)

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 313 HON: Cultural Anthropology of Food (3)
The evolution of food and drink from prehistoric times to the present explored in context of cultural anthropology. Attitudes, customs, and associated behaviors will be examined through readings, discussions, electronic media and food demonstrations. (See SOC 313)

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 the nutritional needs for various stages of the life cycle and the methods used to provide care through local, state, and federal resources, services for health promotion, health maintenance, and rehabilitation; evaluation of multicultural factors in nutrition. (Prerequisite: FNU 305)

FNU 322 Advanced Nutrition (3)
Study of the nutritive process; mechanisms by which nutrients are metabolized in the cell and the interrelationships that exist; the interpretation of current research in nutritional studies. (Prerequisites: FNU 305; CHE 202)

FNU 325 Medical Nutrition Therapy I (3)
Study of the physiological basis for therapeutic diets in disease; required dietary modifications; role of the dietitian in patient care. (Prerequisites: CHE 202; FNU 305)

FNU 326 Medical Nutrition Therapy II (3)
Study of the physiological basis for therapeutic diets in disease; required dietary modifications; role of the dietitian in patient care. (Prerequisites: CHE 202; FNU 305)

FNU 331 Independent Study in Foods and Nutrition (1-3)
Individual reading and research with the permission and under the guidance of a member of the department.

FNU 332 Independent Study in Foods and Nutrition (1-3)
Individual reading and research with the permission and under the guidance of a member of the department.

FNU 333 Principles of Dietetics Practice (2)
Study of practice and research skills in acute, long-term care, and community environments. To be taken with or following a Medical Nutrition Therapy course. (Prerequisite: FNU 353)

FNU 335 Experience in Dietetics Practice (2)
Application of practice and research skills in acute, long-term care, and community environments. Combination of classes and off-campus experiences. To be taken with or following a Medical Nutrition Therapy course and Foods and Nutrition 333. (Proof of medical insurance is required. Transportation to and from facilities is the student’s responsibility)

FNU 353 Strategies in 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. (Prerequisite: FNU 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 (4)
Concepts of organization; theory and design of foodservice organizational structure. Management decision-making, planning, communication, implementation, and control. 3 hours lecture, 2 hours laboratory (simulated management experience) (Prerequisites: FNU 357, 359)

FNU 359 Experience in Foodservice Operations (1)
Four class meetings and 48 hours of off-campus experience in foodservice operations. To be taken simultaneously with FNU 357. (Proof of medical insurance is required. Transportation to and from facility is the student’s responsibility.)

FNU 360 Beverage Service and Control (3)
Basic aspects of purchasing, storage, inventory, preparation and service of alcoholic and non-alcoholic beverages. (For students with 90+ credits only.)

FNU 362 Nutrition Counseling (3)
Examination and application of counseling skills, strategies and tools needed to promote changes in nutritional health behavior. (Prerequisite: FNU 305)
Philosophy
Sister Judith Parsons, Chair
Joseph P. Healey
Stephanie Theodorou

VISION
Philosophy involves reflection on and understanding of all facets of human activity. The courses offered by the department are concerned with such topics as the nature of knowledge, reality, society, moral judgments, politics, and religion, as well as art and aesthetic experience, science, and value. Students consider philosophical issues and hypotheses relating to the basic principles, methodologies, and concepts which underlie, integrate, and compete in all areas of inquiry. Further, students are given the opportunity to study the philosophical problems involved in their fields of concentration and, at the same time, to become familiar with their philosophic heritage: ancient and medieval, modern and contemporary.

The philosophy curriculum attempts to meet the needs of three types of students:

- those who wish to use philosophy as the basis for unifying their liberal arts studies;
- those who desire to use philosophy as one of the means to understand the reasonableness of religious belief;
- those who wish to pursue further philosophical or professional study: e.g., law, government, social work, political science, theology, or medicine.

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.

REQUIREMENTS FOR MAJOR:

- PHI 209, PHI 309 and 12 credits of Philosophy (any philosophy electives and/or one independent study to be approved by the consensus of the members of the Philosophy Department)

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.

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.

REQUIREMENTS FOR MINOR IN PHILOSOPHY

- PHI 209, PHI 309 and 12 credits of Philosophy (any philosophy electives and/or one independent study to be approved by the consensus of the members of the Philosophy Department)

Social Science Electives

- ECO 207, ECO 320, ECO 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

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.
PHI 101 Introduction to Philosophy (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, medieval, modern, contemporary, and post-contemporary times. Through reading primary sources from Plato, Aristotle, Aquinas, Descartes, Nietzsche, Sartre, Beauvoir, and others, students will acquire understanding of basic philosophical vocabulary and concepts. In this one semester course, students will examine metaphysical, epistemological, aesthetic, and ethical themes which provide a firm foundation for further philosophical study.

PHI 201 Stein and Phenomenology (1)
The course introduces students to 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 as her life and works are explored. (See THE 200 ST)

PHI 202 Stein’s Psychophysical Person (1)
This course studies Edith Stein’s use of the phenomenological method to investigate how a human being understands the experiences of another person. Stein delves into the problem of how several persons experience the same phenomenon and how this experience impacts the sense of community. In this section, students will explore concepts of empathy and the psychophysical individual. (See THE 200 ST)

PHI 203 Stein’s Essays on Women (1)
This course focuses on Edith Stein’s interest in the human person and her determination to live a life committed to Christian principles. It also focuses on Stein’s public addresses to women, her critique of National Socialism, and her canonization. (See THE 200 ST)

PHI 204 Survey of Catholic Philosophy (3)
Philosophy, based on reason, and theology, based on faith, seem to be divergent studies. However, Catholic philosophers have a long and fruitful history of contributing to philosophical discourse. This course examines how beliefs can relate to human reason. Texts from the Bible, Plato, Aristotle, the Patristic Age, the Middle Ages, the Renaissance through Nineteenth Century, and the Twentieth Century and beyond will highlight the richness of dialogue that exists between reason and faith.

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.

PHI 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. (See SOC 214)

PHI 215 Edith Stein and Phenomenology (3)
This course is 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 Economic and Environmental Ethics (3)
In this course, 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 209 Philosophy in History (3)
A historical and thematic survey of the major issues and thinkers in Western philosophical tradition, beginning with ancient Greece and moving into the contemporary period. We use primary and secondary texts as a basis for articulating fundamental problems in epistemology, metaphysics, and ethics. Emphasis is placed on the historical and contextual nature of thinking, exploring the connection between systems of ideas and the world-views they present to us.

PHI 312 Ethics (3)
The study of ethics is concerned with action and the character of a person. In this course, students will read from primary sources, tracing key ethical theories as they developed throughout history. Using varied ethical theories, students will address contemporary problems.

PHI 314 HON: Asian Thought (3)
This course focuses on a study of major texts and thinkers in East Asian thought and religion, including a survey of Hinduism, Buddhism in India and China, and Chinese Confucianism and Daoism. Students will consider key concepts such as the nature of knowledge, social praxis, perception, language, reality, truth, illusion, self, society, and ethics as they participate in close readings of the texts, analysis, and commentary. Students will also compare Asian thought and practice with Western thought and traditions. (Meets cross-cultural studies requirement)

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)
This is an interdisciplinary course which examines issues surrounding women, gender, and knowledge. Our major focus will be philosophical analysis of the role of gender and the construction of knowledge in various theoretical frameworks, including literature, epistemology, psychoanalysis, and the multicultural milieu.

PHI 328 Artificial Intelligence (3)
A general introduction to artificial intelligence (AI) and philosophy of the mind that allows students to explore this topic from both the technical and philosophical perspectives. The underlying fundamental theories and representational structures in AI are covered. Students work with AI and survey current AI literature from both viewpoints. Students are challenged to consider consciousness, intelligence, robotics, and implications for the future. (Prerequisite: PHI 209 or PHI 309) (See CIS 328)
PHI 329 Contemporary Philosophy (3)
A thematic and developmental approach to contemporary continental thought with an emphasis on introducing the student to phenomenology. We begin with Hegel but keep our main focus on 20th Century figures including Heidegger, Sartre, and Foucault. We will trace how these philosophers formulate questions about epistemology, language, the problem of meaning, the nature of social institutions, and power dynamics.

PHI 330 Philosophical Anthropology (3)
Students will 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 the Middle East (3)
This course surveys some of the ancient, medieval, and contemporary forms of philosophy (and philosophy of religion) associated with the Near and Middle East. Study will include Persian, Jewish, Christian, Muslim, Neo-Platonic, and Gnostic thought. An emphasis will be placed on a study of Islam in its Near and Middle Eastern historical context. (Meets cross cultural course requirement)

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 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)
This is a course in 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 350 Special Studies in Philosophy (1-3)
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 ACCEL® format)

PHI 400 Capstone Project (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.
Physical Education and Exercise Science

Kelly A. Stalker, Chair
Carolyn Albright
Barbara Gallagher

VISION

The Department of Physical Education and Exercise Science strives to promote positive lifestyles for its students through a variety of educational and recreational opportunities. The department recognizes the need to educate young adults through internships and practical experiences in the sport, fitness and wellness areas to meet the needs of the ever-expanding recreation and health care fields. Foremost in the educational process, the discipline of mind and body will foster well-being in the development of positive lifestyles for each student.

OUTCOMES

Upon completion of the program, students will be able to:
• effectively communicate issues which relate to health, fitness, and sports;
• demonstrate an ability to design and implement fitness and rehabilitative programs for the general and athletic populations;
• critically analyze concepts of the basic sciences, nutrition, and psychology related to human movement;
• explain the importance of physical activity on health and wellness and promote these ideas to the general public;
• advocate health and safety techniques in the prevention of injuries in the sport and fitness setting;
• exhibit professional behaviors through understanding of administrative issues and practical experiences in the field of exercise science.

REQUIREMENTS FOR EXERCISE SCIENCE MAJOR

Exercise Science (BS)

There are six tracks offered within the Exercise Science Major. The required courses for each track are listed below:

• Movement Science: BIOL 202; ACC 201; BUS 311, 315 or 338, 360; ECO 203; CHE 100; EXS 106, 201, 202, 301, 302, 303, 304, 305, 307, 309, 310, 403, 405; FNU 208, 317; PSY 250 or 357; plus the completion of two physical education activity units. EXS 201 will meet the liberal arts Exercise Science core requirement for graduation.
• Pre-Physical Therapy: BIOL 209-210, 233, 305, 335; MATH 207-208 or 301-302; CHE 103-104; EXS 201, 301, 302, 303, 304, 305, 308, 310, 403; FNU 208, 317; PSY 101, 208, 324, 250 or 357; PHY 203-204; plus the completion of two physical education activity units. EXS 201 will meet the liberal arts Exercise Science core requirement for graduation.
• Pre-Occupational Therapy: BIOL 103-104, 209-210; MATH 203-204 or 207-208; EXS 201, 301, 302, 303, 304, 305, 308, 310, 403; FNU 208, 317; PSI 101, 208, 320, 324, 250 or 357; SOC 202, 328; plus the completion of two physical education activity units. EXS 201 will meet the liberal arts Exercise Science core requirement for graduation.
• Sport Management: ACC 201, ECO 203; BUS 311, 320, 315 or 338, 366 and MKT 309; BIOL 202; CHE 100; PSY 250 or 357; EXS 201, 202, 301, 302, 306, 307, 310, 403; FNU 208, 317; plus the completion of two physical education activity units. EXS 201 will meet the liberal arts Exercise Science core requirement for graduation.

Physical Therapy DPT (Doctor of Physical Therapy)

Program with Thomas Jefferson University (3 Years + 3 Years): BIOL 209-210, 233, 335; CHE 103-104; MATH 207-208 or 301-302; EXS 201, 301, 302, 303, 304, 404; PHY 203-204; PSY 208, 320, 324; FNU 208, 317; plus the completion of two physical education activity units. 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 three 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.

• Occupational Therapy MS (Masters of Science) Program with Thomas Jefferson University (3 Years + 2.5 Years): BIOL 209-210; MATH 203-204 or 207-208; SOC 202, 328; PSY 208, 320, 324; FNU 208, 317; EXS 201, 301, 302, 303, 404; plus the completion of two physical education activity units. 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.

REQUIREMENTS FOR EXERCISE SCIENCE MINORS

• Pre-physical therapy track: Prerequisites: Biology major or special permission of the department; BIOL 209-210 (or BIOL 232 and BIOL 304), CHE 103-104, PHY 203-204, BIOL 335 or FNU 317. Requirements: EXS 301, 302, 303, 304, 305 and 310.
• Sport Management track: Prerequisite: Business Administration Major or permission of department; BUS 320/324, BUS 338, EXS 301, EXS 306, EXS 307 or 202 and 310.

REQUIREMENTS FOR ACCEPTANCE INTO THE MAJOR

Formal acceptance into the Exercise Science department occurs at the end of the freshmen year and is contingent on successful completion of EXS 201 or an equivalent with a minimum of a ‘C’. 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.
REQUIREMENTS FOR ACCEPTANCE INTO THOMAS JEFFERSON PROGRAMS IN PHYSICAL & OCCUPATIONAL THERAPY

In addition to the Immaculata University admission requirements, the affiliation programs with Thomas Jefferson University require students to have a cumulative high school GPA of 3.2 or higher, SAT scores of 1650 or higher and a minimum of 25 hours of volunteer/observation in a physical or occupational therapy setting. Students must acknowledge interest in this program on their initial application and be accepted to the program through an interview process with both Immaculata University and Thomas Jefferson University. Consistent with Thomas Jefferson College of Health Professions, students in either program must maintain a cumulative GPA of 3.0 and earn a ‘C’ in all pre-requisite courses; in addition, students in the 3+3 DPT program must maintain a 3.0 science GPA.

EXERCISE SCIENCE

EXS 101 Personal Fitness and Wellness (2)
This course addresses the 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 Red Cross Emergency Response (2)
This course will provide students with 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 Women Needs to Know (2)
This course will examine 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)
This course will examine 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 in Fitness and 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 200 Special Topics in Exercise Science (1-2)
Selected topics in exercise science, fitness, and wellness. Topics will rotate based on student and faculty interest.

EXS 201 Introduction to Exercise Science and Fitness (3)
An introductory course designed to expose the student to the concepts, theories, principles, and concerns associated with exercise science and fitness. (Required for all exercise science majors)

EXS 202 Current Trends in Sport & Fitness (3)
With the continuance of research in the exercise science area, this course examines the current trends and findings in sport and fitness as it relates particularly to injury and illness. The course also examines the promotion of health education through individual and community education.

EXS 203 Irish Traditional Dancing (2)
Irish traditional dancing will be examined, with attention being given to the cultural, historical and social aspects in which these dances developed. Consideration of the ways in which Irish dancing expresses the cultural norms and aspirations of the people of Ireland will be examined through music, costumes, origins and evolution. Several forms of dancing will be studied, from “seannos” to broom/brush dancing to traditional Irish Set and Step dancing of today.

EXS 230 African Dance - A Cultural and Historical Perspective (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 301 Prevention and Care of Athletic Injuries (3)
This course is the study of prevention and treatment of athletic injuries and the first aid technique. Emphasis is on the integration of the classroom study to the practical application of treating injuries in their initial phases.

EXS 302 Kinesiology (3)
This course examines the human body with regard to how movement is created and maintained. The emphasis will be on the anatomical basis of human motion with the focus on the skeletal, neural, and muscular systems. (Pre-requisite BIOL 209-210 or BIOL202 or with permission of the department)

EXS 303 Exercise and Sport Physiology (3)
This course explores a wide variety of subject matter that focuses on enhancing athletic and training accomplishments. Emphasis is on the description of relevant physiological techniques that have proven to augment readiness and improve performance in exercise and sport settings. (Pre-requisite BIOL 209-210 or BIOL202 or with permission of the department)

EXS 304 Exercise Assessment and Programming (3)
This course is the examination and study of the techniques, procedures, and practical laboratory experience in aerobic strength, flexibility, blood pressure, and related measurements. (Prerequisites: EXS 302)

EXS 305 Biomechanics (3)
A study of the structural and functional applications of movement related to the physical constraints on body support and movement. Topics will include walking, running, jumping, throwing and swimming movement analysis. (Pre-requisite BIOL 209-210 or BIOL202 and EXS 302 or with permission of the department.)

EXS 306 Sport Facility and Event Management (3)
This course will provide students with 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 Sport Administration (3)
This course examines the administrative tasks and policies/procedures necessary for sports managers in the operation of programs. Included will be the development of organizational skills and human resource management, issues regarding risk management and liability, and the development of media relationships.

EXS 308 Exercise Program Management (3)
The course examines the design and management of exercise programs. Emphasis is placed on the evaluation techniques associated with rehabilitative care. (Prerequisites: EXS 302 & EXS 303)

EXS 309 Personal Training Certification Preparation (3)
This course is designed to enhance student knowledge in the areas health and fitness. Focus will be 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)
Requires direct participation in experiences with fitness and/or physical therapy facilities to develop and understand the use of exercise in the treatment and rehabilitation of a variety of injuries or the management of such programs. (Exercise science majors and minors only)

EXS 401 Independent Study (1-6)
The independent study course is designed to further enhance a student’s experiences in the Exercise Science tract through additional mentoring opportunities.

EXS 402 Independent Study (1-6)
The independent study course is designed to further enhance a student’s experiences in the Exercise Science tract through additional mentoring opportunities.

EXS 403 Senior Seminar/Research Methods (3)
This course is designed to incorporate 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/OT Seminar (3)
This course is designed to develop the fundamental concepts of research methodology and to provide experiences in clinical settings for students preparing to enter the DPT/OT programs at Thomas Jefferson University.

EXS 405 Strength and Conditioning Specialist Preparation (3)
This course is designed to enhance student knowledge in the areas of improving athletic performance, including sport-specific testing and the design and implementation strength and conditioning programs. This course prepares students to take 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).

**CORE REQUIREMENTS FOR PHYSICAL EDUCATION AND EXERCISE SCIENCE**
For graduation, all students in the College of Undergraduate Studies are required to successfully complete two credits of Exercise Science at the 100 level and earn two physical education (PED) contact hours. These contact hours may be selected from areas of lifetime sports and activities, dance, and intercollegiate sports. Students with permanent medical excuses must complete only the Exercise Science requirement.

- Students may earn one of the two required physical education units through participation on Immaculata’s intercollegiate teams.
- Students not enrolled in the College of Undergraduate Studies pay a fee (plus any additional fees) for elective physical education courses.

**OUTCOMES**
Upon completion of the physical education and exercise science requirements, students will be able to:

- Demonstrate knowledge of safe and healthy behaviors towards wellness and fitness;
- Show an appreciation for lifetime fitness activities as it relates to health and longevity;
- Understand the relationship between physical fitness and wellness and its application to all phases of life;
- Develop personal goals towards nutrition and regular exercise and understand how to successful reach these goals;
- Understand the health implications of negative health behaviors and learn guidelines for prevention.

**PHYSICAL EDUCATION**
Physical Education electives are offered in a rotational schedule. Each of the following courses are offered for one physical education contact hour:

| PED 101 | Intercollegiate Women’s Soccer |
| PED 102 | Intercollegiate Women’s Basketball |
| PED 103 | Intercollegiate Women’s Field Hockey |
| PED 104 | Intercollegiate Women’s Volleyball |
| PED 105 | Intercollegiate Women’s Cross Country |
| PED 106 | Intercollegiate Softball |
| PED 107 | Intercollegiate Women’s Tennis |
| PED 108 | Intercollegiate Women’s Lacrosse |
| PED 109 | Intercollegiate Men’s Basketball |
| PED 110 | Intercollegiate Men’s Soccer |
| PED 111 | Intercollegiate Men’s Tennis |
| PED 112 | Intercollegiate Men’s Cross Country |
| PED 113 | Intercollegiate Golf |
| PED 114 | Intercollegiate Baseball |
| PED 115 | Intercollegiate Men’s Lacrosse |
| PED 199 | Ballroom Fitness |
| PED 201 | Archery and Golf |
| PED 202 | Fencing |
| PED 203 | Tennis |
| PED 205 | Badminton |
| PED 214 | Ice Skating |
| PED 216 | Racquets and Paddles |
| PED 218 | Step Aerobics |
| PED 219 | Weight Training |
| PED 220 | Team Sports |
| PED 221 | Principles of Coaching |
| PED 222 | Yoga |
| PED 223 | Fitness through Martial Arts |
PED 224  Fitness Swimming  PED 312  Weight Control
PED 225  Water Aerobics  PED 313  Cardio Fitness
PED 226  Pilates  PED 314  Tap Dance
PED 227  Triathlon Training  PED 315  Self Defense
PED 228  Basketball  PED 316  Rhythmic Activities and Social Dance
PED 229  Irish Dancing  PED 317  Personal Fitness
PED 230  Advanced Strength Training  PED 319  Pickleball
PED 231  Kickboxing  PED 320  Yoga for Athletic Performance
PED 301  Aerobic Activities  PED 321  Plyometrics and Core Training
PED 304  Aerobic Dance  PED 322  Intermediate Fencing
PED 306  Jazz Dance  PED 402  Swimming
PED 307  Creative Movement and Modern Dance  PED 404  American Red Cross Lifeguarding
PED 308  Folk and Square Dance  PED 405  Certification
PED 310  Ballet
Psychology

Maria Cuddy-Casey, Chair
George Comber
Sister Agnes Hughes
Dawn K. Kriebel
Peter Rondinaro
Janet Kane

VISION
The Psychology 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.

OUTCOMES
Upon completion of programs in psychology, students will be able to:
- identify and utilize aspects of psychological theory to explain human behavior scientifically and objectively;
- demonstrate facility with identifying important assessment measures and processes and with interpreting statistical inference;
- exhibit clinical and counseling skills and psychological assessment appropriate for individual and group settings;
- evidence an understanding and appreciation for research and literature in the field of human behavior;
- employ enhanced oral and written communication skills.
- utilize strong critical thinking, objective assessment, and research skills for use in either further study and/or in human services careers, including social service agencies, schools, industry, and other relevant settings.
- engage in collaborative learning as a means of building appreciation for and facilities with interpersonal relations.

REQUIREMENTS FOR MAJOR
Four programs are available for concentration in psychology:
- **Psychology (BA):** PSY 101, 208, 303, 313-314, 312 or 319, 320, 324, 303, 311, 418-419; two psychology electives; six hours of mathematics or computer science; three hours of ethics in Theology or Philosophy.
- **Biology-Psychology (BA):** Students may also pursue a joint concentration in psychology and biology to obtain the training necessary for careers in psychobiology. For requirements of this program, see Biology Department.
- **Spanish-Psychology (BA):** Students wishing to combine a fluency in Spanish with training in mental health in order to serve the Spanish-speaking people through mental health services may pursue a joint major in psychology and Spanish. For requirements of this program, see listings under Spanish.
- **Human Performance Management (BA) is an accelerated degree completion program for the working adult. HPM 301, 303, 304, 307, 312, 320, 350, 352, 354, 356, 358, 382, 390; CCS 341; ENG 242; PHI 384; THE 381. Requirements beyond ACCEL® program by advisement to complete liberal arts core courses and electives as needed for a total of 126 credits.

REQUIREMENTS FOR MINOR IN PSYCHOLOGY
- **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 110 Effectiveness in the Workplace (3 credits/non-credit)** Maximizing effectiveness in the workplace is the focus of this course. Personality assessment tools, such as the Myers-Briggs Trait Inventory (MBTI), will assist in identifying one’s personality type and interpersonal style with others. Emphasis will be placed upon the formation of high performance teams, leadership skills, mutual respect, and collaborative coaching. (Offered through Corporate Education)
- **PSY 111 Conflict Resolution Strategies (1 credit/non-credit)** This course raises awareness of the critical need for the investment of time and energy in developing expertise in conflict intervention. Learners will study several communication and conflict intervention strategies and their application on the job. (Offered through Corporate Education)
- **PSY 202 Infant Development (3)** This course will examine child development from birth through age 5 in each of the following areas: physical growth, cognitive and language development, and social/emotional changes. The course will integrate major theoretical approaches to development and will show how each applies to the various developmental stages.
- **PSY 203 Child Development (3)** This course will examine child development from age 5 through middle childhood in each of the following areas: physical growth, cognitive and language development, and social/emotional changes. The course will integrate major theoretical approaches to development and will show how each applies to the various developmental stages.
- **PSY 204 Adolescent Development (3)** This course will examine 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 will integrate major theoretical approaches to development and will show how each applies to the various developmental stages.
- **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.

115
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 will be 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 is placed upon how anger, worry, loneliness, conflict and stress can increase susceptibility to illness. Additional attention will focus on how optimism, humor, physical fitness, spirituality and hardiness can fortify the immune system and improve health.

PSY 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. (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 308 HON: Children and Societies Worldwide (3)
This course will explore the effects of societal institutions on child development around the globe, with special emphasis on non-Western societies. Students will examine political, social, and economic forces that affect children’s psychological, physical and cognitive growth and development.

PSY 311 Brain and Behavior (3)
Examines our current understanding of the physiological processes underlying hunger, thirst, sexual behavior, learning, reward, pain, attention, arousal, sleep, and psychological disorders. Emphasis is on brain function and neural transmission.

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)
Introduction to and experience in various methods of psychological research. Students conduct experiments, gather and analyze data, write research reports, and develop skills in the critical analysis of research design. (Prerequisites: PSY 101 and 208)

PSY 314 Experimental Psychology II (3)
Various aspects of human and animal learning are covered including: the acquisition and extinction of classically and instrumentally conditioned responses, generalization, discrimination, schedules of reinforcement, aversive conditioning, biological constraints, and areas of application. Laboratory exercises involve human and animal learning and the writing of reports. Each student develops an original research proposal on a topic in learning. (Prerequisite: PSY 313)

PSY 316 Preprofessional Internship (3)
This course combines internship with 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 Preprofessional Internship (3)
This course combines internship with 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 338 Psychology of Literature and Film (3)
An interdisciplinary approach to the study of psychology through literature and film. (See COM 258)

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)**
This course examines 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)**
This course explores 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 401 Independent Study and Research (1-6)**
An opportunity to engage in independent study, research, or agency experience in a specific phase of the major field. (Prerequisite: Honors standing)

**PSY 402 Independent Study and Research (1-6)**
An opportunity to engage in independent study, research, or agency experience in a specific phase of the major field. (Prerequisite: Honors standing)

**PSY 418 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 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. (Prerequisites: PSY 418)

**HUMAN PERFORMANCE MANAGEMENT (BA)**
*(Offered only through ACCEL® Programs)*

**REQUIREMENTS FOR DEGREE COMPLETION**
- **Liberal Arts:** English (6); world civilization (3); foreign language (3)*; philosophy (6)*; theology (6)*; designated humanities (9)*; social science (9)*; laboratory science (3); mathematics (3). *Three credits each of foreign language, philosophy, humanities, and social science may be met through successful completion of modules within ACCEL®.
- **Major:** HPM 301, 303, 304, 307, 312, 320, 350, 352, 354, 356, 358, 382, 390, CCS 341, ENG 242, PHI 384, THE 381.
- **Electives as needed to complete a total of 126 credits.**

**HPM 301 Group and 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)

**HPM 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 will also analyze and solve organizational problems using a step-by-step method. This analysis will be applied to students’ work-related Research Projects.

**HPM 304 Organizational Communications (3)**
Investigates the role of communication in creating a productive organizational environment. Aids students in developing and strengthening their communication skills by focusing on interpersonal, group, and presentation skills. (Fulfills humanities core requirement)

**HPM 307 Adult Development and 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.

**HPM 312 Introduction to Applied Research (3)**
This course introduces students to the research design process and hone analytical thinking skills. It includes one meeting devoted to library orientation and investigation of campus resources, including an introduction to the writing center. Students begin their research project curriculum with an introduction to literature review and assistance in establishing topics for their research proposals. Students will create a research problem statement and consider basic research design elements.

**HPM 320 Research and 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.

**HPM 350 Psychometrics: Employee Selection (4)**
Examines the uses of psychological testing in employee selection, placement, and career development. It will include the use of specific instruments as well as interviewing skills. The impact of legal and ethical issues on selection practices will be discussed.
HPM 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.

HPM 354 Performance Development and 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.

HPM 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.

HPM 358 Conflict Resolution and 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.

HPM 382 Human Resource Issues (3)
Students explore 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.

HPM 390 Research Methodology (3)
This course assists the students in formulating a research problem statement, identifying its hypothesis, proposing research design, and formulating proposed intervention and analysis. Provides students the opportunity to conduct a professional presentation on their own research topics.

CCS 341 Cultural Modes of Expression in the Global Community (3)
An exploration of the nuances of intercultural expression for an awareness and sensitivity needed for mutual understanding in international affairs.

ENG 242 Writing for Applied Research (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.

PHI 384 Organizational Ethics (3)
A study of ethical situations in organizations, accountability in government, respect for human rights, and responsibility for contemporary life choices. Ethical theories and personal values are examined through readings and analysis of situations in organizations. (Fulfills philosophy core requirement)

THE 381 Foundations of Spiritual Freedom (3)
This course explores the foundations of morality and adult spiritual formation. Through a study of the Biblical roots of holiness, a focus on Christ as model, and an analysis of virtue, the student will come to know the path to authentic freedom. (Fulfills theology core requirement)
Sociology - Criminology

Frank Hartleroad, Chair
Miriam Franco

VISION
The Department of Sociology-Criminology provides programs in Criminology and Social Work enabling students to develop a value based, service-oriented approach to their chosen field of endeavor. The Department will offer a comprehensive selection of courses that will incorporate Immaculata University's vision of caring, service, and integrity while providing academically challenging programs to a highly diverse student body. Each student engages in a direct experience working with people that is applicable to and complements careers in law and advocacy, management and personnel, psychology and any of the allied medical/mental health fields.

OUTCOMES
Upon successful completion of the courses and programs in the sociology-criminology department, 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 depending 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 social work or criminology professions or exhibit a knowledge base appropriate for continuing to graduate study in social work, criminology degree programs and other related fields.

The sociology-criminology faculty is committed to helping students select courses in other departments according to their thinking, effective speaking, and clear writing.

REQUIREMENTS FOR MAJOR

• Sociology (BA): SOC 245, 262, 306, 312, 328, 345, 352, 354, two SOC electives; ECO 203, PSY 324, and PSY 208.
• Sociology with Concentration in Social Work (BA): SOC 245, 250, 262, 275, 306, 312, 328, 345, 352, 354, 343, 346; PSY 208, 324; and ECO 203.
• Criminology (BA): SOC 307, 312, 314, 317, 343, 345, 346, 352, 354; PSY 208; and three courses chosen from SOC 247, 248, 250, 275, 318, 348.

This track prepares the student for social work practice in the Spanish-speaking community. See listings under Spanish.

REQUIREMENTS FOR MINOR
• Criminology: SOC 307, 312, 314, 317, and two courses from the following: SOC 247, 248, 250, 275, 345, 348.

SOCIOLOGY

SOC 202 Principles of 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 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. (See PHI 214)

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. (Offered in accelerated format only)

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 technological 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: Structure and Process (3)
This course provides 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 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 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 will provide students with 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 275 The Sociology of Mental Disorders (3)
An 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)
An 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)
This course consists of a broad overview of the operations of the administration of justice and a description of the criminal justice system from arrest to parole. It examines the issue of crime and focuses on the specific agencies and actors who constitute the system of criminal justice - police, courts, and correctional agencies.

SOC 318 Crime and Gender (3)
An examination of the etiology of female crime and the involvement of females in the criminal justice system as offenders, victims, and professionals. The course also provides a theoretical overview of the dominant criminological frameworks as they apply to female players in both the adult and juvenile system. Discrepancies between the “male” and “female” systems will be analyzed.

SOC 321 Sociological Theory (3)
An examination and discussion of the writings of major theorists, such as Durkheim, Simmel, Mead, Weber, Mills, and Parsons. Uses these individuals and others as a basis for discussion of issues and schools of thought in sociology. (Prerequisite: Senior and Junior Majors 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 American 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.

SOC 345 Social Problems: A 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)
This course exposes 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 350 Independent Study (1-3)
Independent study, sociology internship, or advanced supervised field experience by arrangement with department. (Open only to seniors)

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 examination of the “ways of life” of human beings. The scope of the course ranges from the simplest people to the highly developed civilizations of the modern world.

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 myths which explain and sanction differences between the sexes. A look at theories which underlie myths, the evidence supporting theories, and consequences of myths for women and men, cross-cultural examination of gender in non-Western societies.
Theology

Stephen L. Martin, Chair
Sister John Sheila Galligan
Sister Mary Henrich
Sister Margaret McDonald
Sister Regina Foy

VISION

Theology illuminates the relationship between faith and reason and establishes a bridge between faith and life. Immaculata’s theology program explores and explains the Catholic Christian faith in light of contemporary issues and patterns of thought. Theological studies enable students to address the cultural, political, and social changes and challenges which influence personal and professional life.

OUTCOMES

Upon successful completion of courses and programs offered in theology, students will be able to:

- 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, and Gospel proclamation;
- evidence skill in relating theological principles with the reality of contemporary life.

REQUIREMENTS FOR MAJOR

Theology (BA): A minimum of thirty-three (33) Theology credits are required for the major, including:

- Six (6) Theology credits in the liberal arts core;
- Twenty-one (21) Theology credits including THE 109, 110, 218, 222, 306;
- Three (3) credits selected from each of the following clusters:
  1) THE 311, 312, 321, 325; 2) THE 206, 211, 217, 317.

REQUIREMENTS FOR MINOR

Theology: A minimum of eighteen (18) Theology credits are required for the minor, including:

- Six (6) Theology credits in the liberal arts core;
- Twelve (12) Theology credits selected from THE 109,110, 218, 222, 306.

REQUIREMENT FOR ASSOCIATE OF ARTS

Theology (AA): A minimum of twenty-four (24) Theology credits are required for the associate degree, including:

- Six (6) Theology credits in the liberal arts core;
- THE 109, 110, 218, 222, 306;
- Three (3) credits from one of the following clusters: 1) THE 311, 312, 325; 2) 206, 217, 317.

THE 109 Introduction to Theology (3)

The course aims to introduce students to the academic discipline of theology and to provide an overview of theology’s various specialties such as biblical, systematic, moral, and sacramental theology. It seeks to deepen students’ understanding of the Christian faith and its significance for their lives in the contemporary world.

THE 110 Introduction to Sacred Scripture (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: Path to Joy (3)

This course will explore 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)

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. (Offered in the accelerated format only)

THE 206 Exploring God and Self in Prayer (3)

This course aims to deepen students’ 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 The Mystery of Sin and Salvation (3)

This course explores the nature and dimensions of the theological concepts of sin and salvation. Special focus on the model of the seven capital sins and the corresponding virtues and gifts of the Spirit.

THE 211 Christology (3)

The course examines 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 and Images: Mary Rediscovered (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 offers a study of the history and theology of marriage and family life by tracing the Judeo-Christian understanding of marriage from the Old Testament through the New Testament to the present. Special attention is given to recent Catholic Church documents regarding marriage and family life.

THE 218 Introduction to Christian Ethics (3)

This course introduces students to the study of Christian ethics. It explores the foundational aspects of Christian ethics and addresses its fundamental themes: Jesus Christ as the source and model of moral values, humanity’s dignity and destiny, human freedom, the formation and role of conscience, the discernment of good versus evil, and conversion. It also introduces students to the
practical components of ethical decision-making which can be applied to contemporary ethical issues.

THE 219  Theology and Film (3)
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 222  Faith Alive: Catholic Belief and Practice (3)
The course examines the essential elements of the Catholic faith and fosters deeper understanding of the beliefs and practices which lie at the heart of the distinctively Catholic understanding of the Christian faith. It explores the “Four Pillars” of the Catholic faith upon which the Catechism of the Catholic Church is built: 1) the Creed – the Faith professed; 2) the Sacraments – the Faith celebrated; 3) the Commandments – the Faith lived; and 4) Christian Prayer – the Faith prayed.

THE 223 Urban America and the 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. Particular attention will be paid to the development of Catholic social doctrine- specifically its commentary on human work, economic life and the political community and individuals who played significant roles in developing church doctrine and responding to the problems of urban America such as Msgr. Geno Baroni and Msgr. George Higgins. (See POL 223)

THE 225 John Paul II: A Remarkable Life (3)
This course will explore 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 A Thematic History of Spirituality (3)
Students will study the history of spirituality as an interdisciplinary enterprise. Students will be exposed to primary and secondary sources that will trace the evolution of the schools of Christian spirituality in light of the specific political, geographical, cultural, literary, and economic context.

THE 230 Forgiveness (3)
This course will explore 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 236 The History of the Papacy (3)
This course will survey the history of the papacy from the time of the French Revolution to the present, with particular emphasis on the relationship between the theological development and papal policy and diplomacy. Students of both theology and history will discover a deeper understanding of the changing role of the Roman Catholic Church in the modern period. (See HIS 236)

THE 302 C.S. Lewis: Mentor and Model (3)
This course provides 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 nature and mission of the Church. The course will examine models of the Church: community, herald, institution, pilgrim, sacrament, and servant. Focus on contemporary ecclesial issues.

THE 306 Sacraments: The Church at Prayer (3)
Focusing on the liturgy as the way in which the work of salvation is accomplished, this course will examine the nature of ritual prayer in the life of the Church and its sacramental celebrations.

THE 311 Exploring the Gospels (3)
The course offers 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 which each Gospel writer emphasizes. It 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 The Heritage of St. Paul (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 (3)
This course surveys the major world religious traditions. It presents an overview of Hinduism, Buddhism, Judaism, Christianity, and Islam. It seeks to broaden awareness of religious diversity and develop attitudes of understanding and respect for the beliefs and practices of others.

THE 315 Search for Meaning (3)
This course will introduce the study of religion through the exploration of the human phenomenon of a person's search for meaning in life, with a special emphasis placed on meaning-related issues in the Christian religion, particularly theology and its application in the lives of Christians. Throughout the course, various themes from Logotherapy, the Third Viennese School of Logotherapy - will be integrated with Christian theology.

THE 317 Catholic Social Teaching (3)
This course will examine the rich tradition of Catholic Social teaching with special emphasis on the encyclicals of John Paul II. Application will focus on such issues as the dignity of the human person, human rights and responsibilities, and the common good.

THE 321 Old Testament Themes (3)
This course examines selected themes in the Hebrew Scriptures. The writings in the Wisdom collection (Proverbs, Qoheleth, Job, Wisdom) are the special focus. (Suggested preparation: THE 110)

THE 325 The Psalms as Christian Prayers (3)
This course is a biblical, literary, experiential exploration of the Psalms. Interpretation of the Psalms with a practical focus on the psalms as prayer. (Suggested preparation: THE 110)

THE 328 Saints Rediscovered (3)
An inquiry into the nature of Christian living through an examination of the lives and influence of classical and contemporary saints.
THE 331  Theology of the Body (3)
This course explores John Paul II’s integrated vision of the human person’s call to love according to the truth of his/her sexuality. Students will explore the specific ways that the human body, male and female, makes visible God’s invisible mystery and reflects God’s self-giving, creative love.

THE 332  HON: Christian Faith and 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. (See PHI 333)

THE 334  HON: Reason and 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. (See PHI 334)

THE 335  Christian Faith in Action (3)
This course investigates the fundamental teaching of the Christian faith and role of prayer and spirituality in living an authentic Christian life. (Offered in accelerated format only)

THE 381  Foundations of 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. (Offered in the accelerated format only)

THE 403  Liturgical Planning and Resources (3)
This course will present various models and processes for planning and implementing expressive and enriching liturgies in the light of Vatican II liturgy documents and the revised Rites of the Catholic Church. Specifically, it will focus on means to strengthen the liturgical life of the parish. (Prerequisite: THE 306)

THE 408  Contemporary Medical Ethics (3)
This course applies fundamental moral principles to the medical and health care professions. Emphasis is given to decision-making, social policy, and service-related issues of health care. (Offered in traditional and accelerated format)

THE 430  Philosophical Anthropology (3)
Assists the student to formulate a responsible and enlightened theory of who man is and what his place is in the universe. (See PHI 330)

THE 450  Independent Sacred Studies (3)
Individual reading and research with the permission and under the guidance of a member of the department.
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M.A., Catholic University of America

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126
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B.A., Immaculata College
MA, Villanova University
Ph.D., Bryn Mawr College
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<tr>
<th>Name</th>
<th>Degrees/Education</th>
<th>Position/Title</th>
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<tr>
<td>Sister Mary Henrich</td>
<td>B.A., M.A.</td>
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<tr>
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</tr>
<tr>
<td>M.M., University of Wisconsin</td>
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</tr>
<tr>
<td>Michael Markowski, A.B., M.A.</td>
<td>Lecturer in Health Science &amp; Services</td>
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<tr>
<td>A.B., King’s College</td>
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<td>M.A., George Mason University</td>
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<tr>
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<td>Professor of Biology</td>
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</tr>
<tr>
<td>B.A., West Chester State College</td>
<td>Professor of Biology</td>
<td>Francis G. Martin, B.A., M.A., Ph.D.</td>
</tr>
<tr>
<td>M.A., Ph.D., Temple University</td>
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</tr>
<tr>
<td>Stephen L. Martin, B.S., M.A., Ph.D.</td>
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</tr>
<tr>
<td>B.S., Bradley University</td>
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<td>Stephen L. Martin, B.S., M.A., Ph.D.</td>
</tr>
<tr>
<td>M.A., Christ the King Seminary</td>
<td>Assistant Professor of Theology</td>
<td>Stephen L. Martin, B.S., M.A., Ph.D.</td>
</tr>
<tr>
<td>Ph.D., Marquette University</td>
<td>Assistant Professor of Theology</td>
<td>Stephen L. Martin, B.S., M.A., Ph.D.</td>
</tr>
<tr>
<td>Valerie Martin, B.A., M.A.T.</td>
<td>Assistant Professor of Computer Science &amp; Information Technology</td>
<td>Valerie Martin, B.A., M.A.T.</td>
</tr>
<tr>
<td>B.A., M.A.T., University of Hartford</td>
<td>Assistant Professor of Computer Science &amp; Information Technology</td>
<td>Valerie Martin, B.A., M.A.T.</td>
</tr>
<tr>
<td>James McCloskey, B.S., M.B.A.</td>
<td>Lecturer in Finance &amp; Business</td>
<td>James McCloskey, B.S., M.B.A.</td>
</tr>
<tr>
<td>B.S., LaSalle University</td>
<td>Lecturer in Finance &amp; Business</td>
<td>James McCloskey, B.S., M.B.A.</td>
</tr>
<tr>
<td>M.B.A., Temple University</td>
<td>Lecturer in Finance &amp; Business</td>
<td>James McCloskey, B.S., M.B.A.</td>
</tr>
<tr>
<td>B.A., Immaculata College</td>
<td>Professor of Theology</td>
<td>Sister Margaret McDonald, B.A., M.A., S.T.L., S.T.D.</td>
</tr>
<tr>
<td>M.A., St. Charles Seminary</td>
<td>Professor of Theology</td>
<td>Sister Margaret McDonald, B.A., M.A., S.T.L., S.T.D.</td>
</tr>
<tr>
<td>B.A., University of Pittsburgh</td>
<td>Lecturer in Computer Science</td>
<td>Linda McElvenny, B.A., M.B.A.</td>
</tr>
<tr>
<td>Sister Marcille McEntee, B.A., M.A.</td>
<td>Instructor in English</td>
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</tr>
<tr>
<td>B.A., Immaculata College</td>
<td>Instructor in English</td>
<td>Sister Marcille McEntee, B.A., M.A.</td>
</tr>
<tr>
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</tr>
<tr>
<td>Maria McGrath, B.A., M.Ed., Ph.D.</td>
<td>Associate Professor of Psychology</td>
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<td>Associate Professor of Psychology</td>
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<tr>
<td>M.Ed., Ph.D., Temple University</td>
<td>Associate Professor of Psychology</td>
<td>Maria McGrath, B.A., M.Ed., Ph.D.</td>
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</tr>
<tr>
<td>Marilyn McHugh, B.S.N., M.S.N., J.D.</td>
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<td>Marilyn McHugh, B.S.N., M.S.N., J.D.</td>
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<tr>
<td>B.S.N., Gwynedd-Mercy College</td>
<td>Associate Professor of Nursing</td>
<td>Marilyn McHugh, B.S.N., M.S.N., J.D.</td>
</tr>
<tr>
<td>M.S.N., Villanova University</td>
<td>Associate Professor of Nursing</td>
<td>Marilyn McHugh, B.S.N., M.S.N., J.D.</td>
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<tr>
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<td>Marilyn McHugh, B.S.N., M.S.N., J.D.</td>
</tr>
</tbody>
</table>
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B.M., The Curtis Institute of Music
Campus Map
Key to Campus Map

1. Gillet Hall - Faculty Residence, Chapel
2. Marian Hall - Residence Hall, Chapel
3. DeChantal Hall - Residence Hall, Student Development and Engagement Offices, and Campus Ministry
4. Lourdes Grotto
5. Lourdes Hall - The Great Hall, Admissions - College of Undergraduate Studies, Financial Aid, Campus Safety, Residence Hall, and Plant Operations.
6. Villa Maria Hall - Administrative Offices, Business Office, Green Room Reception Area, Memorial Hall, Music Studios, Registrar, Canon Copy Center, Residence Hall, and Undergraduate Academic Advisement
7. Nazareth Hall - Fashion - Family and Consumer Sciences Department, Main Chapel, Main Dining Facilities, Guest Dining Room, Post Office, Faculty Offices, and Housekeeping
8. Power House
9. Alumnae Hall - Art Gallery, Gymnasiums, Pool, Open Door Dining Facilities, Classrooms, Theater, and Cue and Curtain Office
10. Mary A. Bruder Center for Personal and Career Development - Counseling Services, Campus Health Services, and Career Development Offices
11. Faculty Center - Faculty Offices, Faculty Lounge, Conference Room, and Administrative Offices of the College of Undergraduate Studies
12. Good Counsel Hall - Barnes and Noble Campus Bookstore; Administrative Offices - College of LifeLong Learning (CLL and ACCEL®); Humanities Departments, Campus Learning-Language Laboratory, Music Listening Rooms, Seminar Centers
13. Gabriele Library - Media Classroom and Office of Technology Services (OTS) Administrative Offices
14. Loyola Hall - Administrative Offices - College of Graduate Studies, Nursing and Allied Health Sciences, Amphitheaters, Art, Education, Mathematics, Psychology, Science Departments, Computer Centers, Curriculum Library, Laboratories, and Java City Snack Shop
15. McIntyre Greenhouse
16. Tennis Courts
17. Softball Field
18. Baseball Field
19. Draper Walsh Stadium
20. Proposed New Student Center
21. Mighty Macs Training Facility
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 LifeLong Learning FAX: (610) 647-0215
College of Graduate Studies FAX: (610) 993-8550

Internet Address: http://www.immaculata.edu

Telephones: (610) 647-4400

ACCEL® Programs .................................................................1-800-37-ACCEL
Admissions – College of Undergraduate Studies ............. Ext. 3167 or 1-877-42-TODAY
Alumni Affairs ................................................................. Ext. 3136
Athletics Office ............................................................... Ext. 3736
Immaculata University Bookstore .............................. Ext. 3090
Campus Ministry ............................................................. Ext. 3570
Career Services ............................................................. Ext. 3501
College of Graduate Studies ........................................ Ext. 3211
College of LifeLong Learning ...................................... Ext. 3238
Dean, College of Graduate Studies .............................. Ext. 3213
Dean, College of LifeLong Learning ............................. Ext. 3238
Dean, College of Undergraduate Studies ...................... Ext. 3005
Facilities ................................................................. Ext. 3112
Financial Affairs ........................................................... Ext. 3054
Financial Aid ................................................................. Ext. 3028
Human Resources .......................................................... Ext. 3078
Institutional Research .................................................... Ext. 3177
Kitchen ................................................................. Ext. 3040
Library ................................................................. Ext. 3839
Office of Mission and Ministry ..................................... Ext. 3084
Office of Technology Services ................................. Ext. 3836
Public Relations ............................................................. Ext. 3143
Registrar ................................................................. Ext. 3007
Safety and Protection ................................................... Ext. 5555
Student Affairs .............................................................. Ext. 3111
University Advancement (Development) ..................... Ext. 3134
Vice President for Academic Affairs ......................... Ext. 3004

School Closing/Snow Codes: Day-871, Evening-2871, Graduate-868
Traveling to Immaculata University

BY CAR:
Using an online map service or GPS? Use this address: 1145 W. King Rd, Malvern, PA 19355
From Lancaster Pike (Route 30)
Travel east or west to Route 352; follow Route 352 south 1 mile to King Road. Turn right onto King Road for 1 mile. The University entrance is on the right.
From West Chester Pike (Route 3)
Travel east or west to Route 352. Follow Route 352 north to King Road. Turn left onto King Road for 1 mile. The University entrance is on the right.
From Philadelphia
Travel Schuylkill Expressway (Route I-76) west to Route 202 south to Malvern Exit (Route 29). Follow Route 29 south to Route 30. Follow Route 30 west to Route 352. Follow 352 south to King Road. Turn right onto King Road for about 1 mile. The University entrance is on the right.
From the Pennsylvania Turnpike, From East (I-276)
Travel to Valley Forge Exit #326. Follow Route 202 south to Malvern, south, Route 29. Follow Route 29 south to Route 30. Follow Route 30 west to Route 352. Follow Route 352 south to King Road. Turn right onto King Road for about 1 mile. The University entrance is on the right.
From the Pennsylvania Turnpike, From West (I-76)
Travel to Downingtown Exit #312. Follow Route 100 south to Route 30. Follow Route 30 east to Route 352. Follow Route 352 south to King Road. Turn right onto King Road for 1 mile. The University entrance is on the right.
From Wilmington and I-95
Travel north on Route 202 to Paoli Pike Exit, travel east on Paoli Pike to Route 352. Follow Route 352 north 2½ miles to King Road. Turn left onto King Road for 1 mile. The University entrance is on the right.
BY TRAIN or BUS:
From Center City Philadelphia: Take SEPTA Paoli/Thorndale train west to Paoli. SEPTA bus 92 runs from King of Prussia through Paoli to the University.
BY AIR:
Immaculata is approximately a 50-minute drive from Philadelphia International Airport where limousine service is available to the Paoli/Malvern area. The SEPTA Airport train from the airport connects with the Paoli/Thorndale train.
## INDEX

<table>
<thead>
<tr>
<th>Academic Highlights</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Honors</td>
<td>36</td>
</tr>
<tr>
<td>Academic Integrity Policy</td>
<td>31</td>
</tr>
<tr>
<td>Academic Life</td>
<td>28</td>
</tr>
<tr>
<td>Academic Offerings</td>
<td>28</td>
</tr>
<tr>
<td>Academic Standing/Progress</td>
<td>32</td>
</tr>
<tr>
<td>Academic Success Center</td>
<td>34</td>
</tr>
<tr>
<td>ACCEL®</td>
<td>30, 36</td>
</tr>
<tr>
<td>Accounting</td>
<td>49, 51</td>
</tr>
<tr>
<td>Accreditation</td>
<td>Inside front cover</td>
</tr>
<tr>
<td>Administration</td>
<td>124</td>
</tr>
<tr>
<td>Admission</td>
<td>15</td>
</tr>
<tr>
<td>Advanced Placement</td>
<td>16</td>
</tr>
<tr>
<td>Allied Health Science</td>
<td>77</td>
</tr>
<tr>
<td>Application Procedure</td>
<td>15</td>
</tr>
<tr>
<td>College of LifeLong Learning</td>
<td>17</td>
</tr>
<tr>
<td>College of Undergraduate Studies</td>
<td>15</td>
</tr>
<tr>
<td>Arabic</td>
<td>72</td>
</tr>
<tr>
<td>Areas of Instruction</td>
<td>41</td>
</tr>
<tr>
<td>Associate Degree</td>
<td>30</td>
</tr>
<tr>
<td>Athletics</td>
<td>12</td>
</tr>
<tr>
<td>Attendance, Class</td>
<td>33</td>
</tr>
<tr>
<td>Auditing Courses</td>
<td>34</td>
</tr>
<tr>
<td>Baccalaureate Degree</td>
<td>28</td>
</tr>
<tr>
<td>Biology</td>
<td>45</td>
</tr>
<tr>
<td>Business</td>
<td>49</td>
</tr>
<tr>
<td>Business Administration</td>
<td>49, 50</td>
</tr>
<tr>
<td>Calendars – 2010-11, 2011-12</td>
<td>4, 5</td>
</tr>
<tr>
<td>Campus and Buildings</td>
<td>7</td>
</tr>
<tr>
<td>Campus Safety and Protection</td>
<td>13</td>
</tr>
<tr>
<td>Career Development</td>
<td>13</td>
</tr>
<tr>
<td>Certificate Programs</td>
<td>31</td>
</tr>
<tr>
<td>Change of Status</td>
<td>32</td>
</tr>
<tr>
<td>Chemistry</td>
<td>57</td>
</tr>
<tr>
<td>Chinese</td>
<td>72</td>
</tr>
<tr>
<td>CLEP Program</td>
<td>32</td>
</tr>
<tr>
<td>Communication</td>
<td>64, 67</td>
</tr>
<tr>
<td>Communication with the University</td>
<td>136</td>
</tr>
<tr>
<td>Commuter Life</td>
<td>13</td>
</tr>
<tr>
<td>Computer Science</td>
<td>87, 90</td>
</tr>
<tr>
<td>College of Graduate Studies</td>
<td>7, 39</td>
</tr>
<tr>
<td>College of LifeLong Learning</td>
<td>7, 17, 19, 30, 33, 35, 36</td>
</tr>
<tr>
<td>College of Undergraduate Studies</td>
<td>7, 15, 19, 29, 33, 35</td>
</tr>
<tr>
<td>Counseling Services</td>
<td>13</td>
</tr>
<tr>
<td>Credit by Examination</td>
<td>33</td>
</tr>
<tr>
<td>Credit for Prior Learning</td>
<td>32</td>
</tr>
<tr>
<td>Criminology</td>
<td>119</td>
</tr>
<tr>
<td>Cross Cultural Studies</td>
<td>71</td>
</tr>
<tr>
<td>Cross Registration</td>
<td>34</td>
</tr>
<tr>
<td>Dean’s Honor List</td>
<td>36</td>
</tr>
<tr>
<td>Declaration of Major</td>
<td>33</td>
</tr>
<tr>
<td>Degrees and Programs of Concentration</td>
<td>28</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>28</td>
</tr>
<tr>
<td>Dietetics</td>
<td>106</td>
</tr>
<tr>
<td>Digital Communication</td>
<td>64</td>
</tr>
<tr>
<td>Disabilities, Students with</td>
<td>33</td>
</tr>
<tr>
<td>Dismissal</td>
<td>32</td>
</tr>
<tr>
<td>Early Admission</td>
<td>15</td>
</tr>
<tr>
<td>Economics</td>
<td>52</td>
</tr>
<tr>
<td>Education</td>
<td>60, 61</td>
</tr>
<tr>
<td>English</td>
<td>64</td>
</tr>
<tr>
<td>English as a Second Language</td>
<td>71</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>49</td>
</tr>
<tr>
<td>Examinations</td>
<td>33</td>
</tr>
<tr>
<td>Exercise Science</td>
<td>111, 112</td>
</tr>
<tr>
<td>Expenses</td>
<td>19</td>
</tr>
<tr>
<td>Family and Consumer Sciences</td>
<td>70</td>
</tr>
<tr>
<td>Family Educational Rights &amp; Privacy Act</td>
<td>35</td>
</tr>
<tr>
<td>Fashion Merchandising</td>
<td>69</td>
</tr>
<tr>
<td>Federal Programs</td>
<td>23</td>
</tr>
<tr>
<td>Fees</td>
<td>19</td>
</tr>
<tr>
<td>FERPA3</td>
<td>5</td>
</tr>
<tr>
<td>Field Experiences and Student Teaching</td>
<td>61</td>
</tr>
<tr>
<td>Finance</td>
<td>49, 53</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>19</td>
</tr>
<tr>
<td>Financial Assistance Policy</td>
<td>21</td>
</tr>
<tr>
<td>Financial Management</td>
<td>49</td>
</tr>
<tr>
<td>First Year Experience</td>
<td>41</td>
</tr>
<tr>
<td>French</td>
<td>72</td>
</tr>
<tr>
<td>Gabriele Library</td>
<td>40</td>
</tr>
<tr>
<td>General Science</td>
<td>45</td>
</tr>
<tr>
<td>Geography</td>
<td>85</td>
</tr>
<tr>
<td>Grades</td>
<td>35</td>
</tr>
<tr>
<td>Grading System</td>
<td>35</td>
</tr>
<tr>
<td>Graduate Studies</td>
<td>39</td>
</tr>
<tr>
<td>Grants</td>
<td>22</td>
</tr>
<tr>
<td>Health Care Management</td>
<td>77, 78</td>
</tr>
<tr>
<td>Health Services</td>
<td>14</td>
</tr>
<tr>
<td>History</td>
<td>81</td>
</tr>
<tr>
<td>History of University</td>
<td>8</td>
</tr>
<tr>
<td>Home-Schooled</td>
<td>15</td>
</tr>
<tr>
<td>Honor Societies</td>
<td>36</td>
</tr>
<tr>
<td>Honors Program</td>
<td>41</td>
</tr>
<tr>
<td>Human Performance Management</td>
<td>117</td>
</tr>
<tr>
<td>Human Resource Management</td>
<td>49</td>
</tr>
<tr>
<td>Immaculata Honor Society</td>
<td>36</td>
</tr>
<tr>
<td>Incomplete Courses</td>
<td>35</td>
</tr>
<tr>
<td>Information Technology</td>
<td>87, 90</td>
</tr>
<tr>
<td>Information Technology in Business</td>
<td>91</td>
</tr>
<tr>
<td>Internal Auditing</td>
<td>49</td>
</tr>
<tr>
<td>International Business Foreign Language</td>
<td>49</td>
</tr>
<tr>
<td>International Educational Interchange</td>
<td>16</td>
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<tr>
<td>International Relations</td>
<td>81</td>
</tr>
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<td>International Students</td>
<td>16, 18</td>
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<tr>
<td>Internship/Field Experience</td>
<td>31</td>
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</table>
Important Notice

The provisions of this catalog should not be regarded as a contract between any student and the University. Course content and regulations are constantly being reviewed and revised. The college reserves the right to withdraw courses, amend the content of courses, and change the arrangement of courses listed if circumstances necessitate such changes.

Non Discriminatory Policy

Immaculata University is committed to the principle of equal educational opportunity without discrimination on the basis of race, color, age, religion, gender, national origin, or disability.