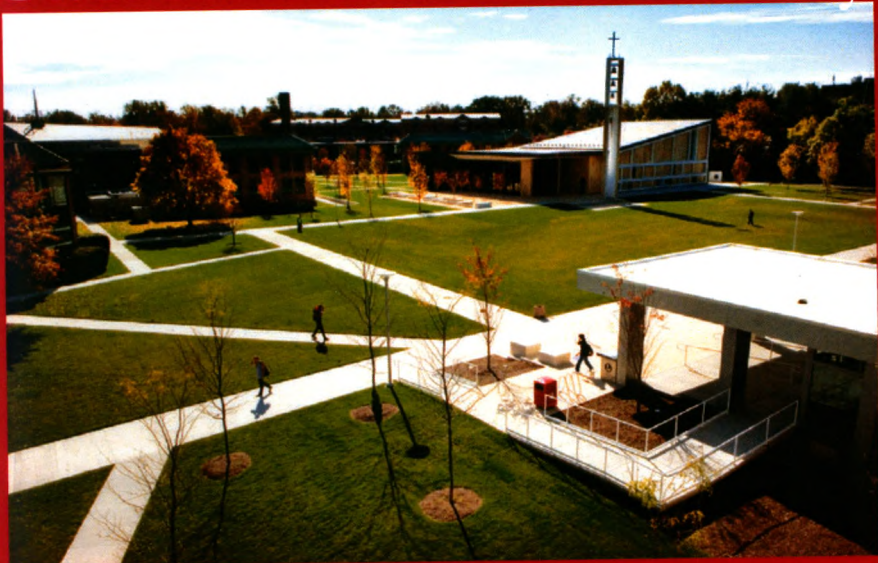


Sacred Heart University

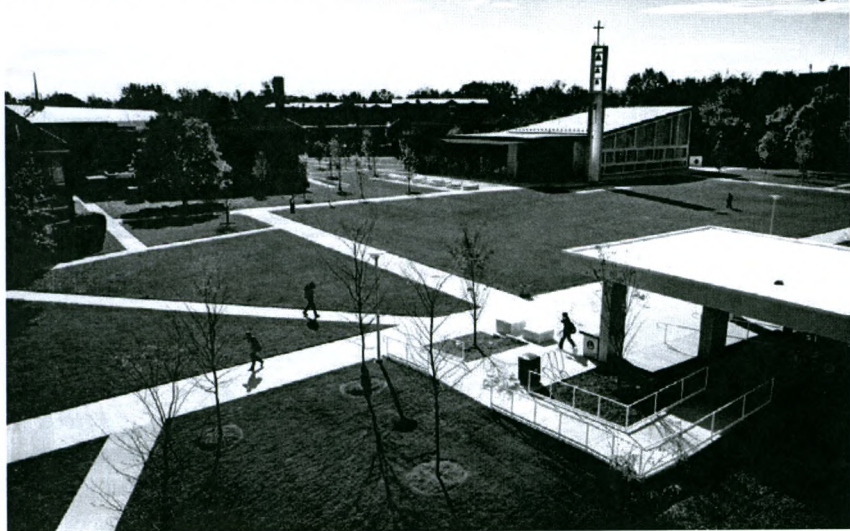


2012-2013 Undergraduate Catalog



Sacred Heart
UNIVERSITY

Sacred Heart University



2012-2013 Undergraduate Catalog



Sacred Heart
UNIVERSITY

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WELCOME FROM THE PRESIDENT



Dear Friends,

On behalf of its 6,000 students, many hundreds of professors and staff members, and more than 30,000 alumni, let me welcome you to Sacred Heart University. You will find in these pages just some of the reasons that the Princeton Review has included our University among The Best 371 Colleges in America and U.S. News & World Report ranks us among the finest in the Northeast. The second-largest Catholic university in New England, Sacred Heart offers more than 40 undergraduate, graduate, and doctoral programs on its main campus in Fairfield, Connecticut, and satellites in Connecticut, Luxembourg and Ireland.

The University is made up of five distinctive colleges: Arts and Sciences; Isabelle Farrington College of Education; Health Professions; University College; and the John F. Welch College of Business. Educating students in the legacy and tradition of GE's legendary Jack Welch, this College is accredited by the AACSB International, an elite designation belonging to fewer than five percent of business schools worldwide. The University fields 31 Division I varsity teams and sponsors an award-winning program of community service.

Sacred Heart University is rooted in the Catholic intellectual tradition. We are here to assist you in your journey of learning and to travel with you as you work to build a better, more peaceful world. Please call on anyone listed in these pages with your questions and concerns. We welcome your interest in our community of active and engaged learners and hope your time with us is both challenging and productive.

Sincerely,

John J. Petillo, Ph.D.

UNIVERSITY TELEPHONE NUMBERS

Academic Affairs and Provost	203/371-7910
Alumni Relations	203/365-4801
Bookstore	203/365-4768
Cambridge Campus	203/396-8024
Campus Ministry	203/371-7840
Career Development	203/371-7975
Cashier's Office	203/371-7923
College of Arts and Sciences	203/396-8020
John F. Welch College of Business	203/396-8084
Isabelle Farrington College of Education	203/371-7800
College of Health Professions	203/396-8024
Counseling Center	203/371-7955
Credit and Collection	203/371-7947
Development	203/396-8208
Graduate Admissions	203/365-7619
Griswold Campus	860/376-8408
Health Services	203/371-7838
Human Resources	203/365-7633
Jandrisevits Learning Center	203/371-7820
Library	203/371-7700
Marketing and Communications	203/396-8097
President's Office	203/371-7900
Public Safety	203/371-7995
Registrar	203/371-7890
Residential Life and Housing Services	203/416-3417
Stamford Campus	203/323-4959
Student Accounts	203/371-7925
Student Activities and Student Life	203/371-7846
Student Financial Assistance	203/371-7980
Student Union	203/396-8027
Switchboard	203/371-7999
Undergraduate Admissions	203/371-7880
University Advancement	203/371-7860
University College	203/371-7830

UNDERGRADUATE CALENDAR

Fall Semester 2012

Classes Begin	Mon., Aug. 27
Labor Day - No Classes	Mon., Sept. 3
Last Day to Add/Drop*	Tues. Sept. 4
Early Warnings for Undergraduates Due*	Tues. Sept. 18
Columbus Day Weekend - No Classes	Sun. - Tues. Oct. 7-9
Last Day to Convert Incomplete Grades for Spring & Summer	Wed. Oct. 10
Undergraduate Mid-Term Grades/Warnings due	Mon. Oct. 15
Undergraduate Advising for Spring 2013 begins	Mon. Oct. 22
Last Day to Withdraw from a Course**	Mon. Oct. 29
Assigned Online Registration begins for Spring 2013	Wed. Oct. 31
Thanksgiving Holiday - No Classes	Wed. - Sun., Nov. 21 - 25
Last Day of Classes	Mon. Dec 10
Final Exams	Tues. - Sat., Dec. 11 - 15
*Final Exams Snow Date	Monday Dec. 17

Spring Semester 2013

Classes Begin	Mon., Jan. 14
Martin Luther King Day - No Classes	Mon., Jan. 21
Last Day to Add/Drop	Tues. Jan. 22
Early Warnings for Undergraduates Due*	Tues. Feb. 5
Last Day to Convert Incomplete Grades for Fall & Winter Terms	Tues. Feb. 26
Spring Break	Sun. - Sun., Mar. 3 - 10
Undergraduate Mid-Term Grades/Warnings Due	Mon. Mar. 11
Undergraduate Advising for Fall 2013	Wed., Mar. 18
Last Day to Withdraw from a Course**	Mon. Mar. 25
Assigned Online Registration Begins for Fall 2013	Mon., Mar. 25
Easter Break - No Classes	Wed. - Mon., Mar. 27- Apr. 1
Faculty Institute Day - No Classes	Tues., April 2
Last Day of Classes	Mon. May 6
Final Exams	Tues. - Tues., May 7 - 14
Undergraduate Commencement	Sun. May 19

Fall Ahead Term 1 2012

Ahead 1:	Mon., Aug. 27 - Fri., Oct. 19
Saturday Classes (consecutive)	Sept. 1, 8, 15, 22, 29 Oct. 6, 13, 20
Labor Day - No Classes	Mon., Sep. 3
Last Day to Withdraw*	Fri., Sep. 28
Columbus Day Holiday - No Classes	Mon., Oct. 8

Fall Ahead Term 2 2012

Ahead 2:	Mon., Oct. 22 - Fri., Dec. 14
Thanksgiving Holiday - No Classes	Thurs. - Sun., Nov. 22 -25
Last Day to Withdraw*	Mon., Nov. 26

Spring Ahead Term 3 2013

Ahead 3:	Mon., Jan. 14 - Fri., Mar. 15
Martin Luther King Day - No Classes	Mon., Jan. 21
Last Day to Withdraw*	Fri., Feb. 15

Spring Ahead Term 4 2013

Ahead 4:	Mon., Mar. 18 - Wed. May 15
Saturdays (consecutive)	Mar. 23, Apr. 6, 13, 20, 27, May 4, 11
Easter Holiday	Thurs.-Mon., March 28 - April 1
Last Day to Withdraw from a Course	Fri., Apr. 19

Modules

Module Term 1	Mon., Aug. 27 - Fri., Oct. 19
Last Day to Withdraw**	Fri. Sept. 28
Module Term 2	Mon., Oct. 22 - Fri., Dec. 14
Last Day to Withdraw**	Mon., Nov. 26
Module Term 3	Mon., Jan. 07 - Fri., Mar. 01
Last Day to Withdraw**	Fri., Feb. 8
Module Term 4	Mon., Mar. 04 - Fri., Apr. 26
Last Day to Withdraw**	Fri., Apr. 05
Module Term 5	Mon., Apr. 29 - Fri., Jun. 21
Last Day to Withdraw**	Fri., May 31
Module Term 6	Mon., Jun. 24 - Fri., Aug. 16
Last Day to Withdraw**	Fri., Jul. 26

Late Spring 2013

Classes Begin	Mon., May 20
Last Day to Add/Drop	Wed., May 22
Last Day to Withdraw from a Course	Fri., May 24
Memorial Day - No Classes	Mon., May 27
Last Day of Classes (Including Finals)	Fri., May 31

Summer Session 1 2013

Classes Begin	Mon., Jun. 03
Last Day to Add/Drop	Wed., Jun. 05
Last Day to Withdraw from a Course	Fri., June 21
Independence Day - No Classes	Thu., July 4
Last Day of Classes (Including Finals)	Wed., July 10

Summer Session 2 2013

Classes Begin	Thu., July 11
Last Day to Add/Drop	Tue., July 16
Last Day to Withdraw from a Course	Thu., Aug. 1
Last Day of Classes (Including Finals)	Fri., Aug. 16

STATEMENT OF UNIVERSITY POLICIES

While every effort is made to ensure the accuracy of information provided in this catalog, accuracy cannot be guaranteed. Sacred Heart University reserves the right to make changes at any time without prior notice. The University provides the information in this catalog solely for the convenience of the reader, who may not rely upon it as a promise or legal obligation. Sacred Heart University expressly disclaims any liability based on the contents.

The University is committed to the concept of equal educational opportunities for all. Individuals are considered for admission to student status, and its services, facilities, programs and activities are administered in a nondiscriminatory manner as required by law without regard to race, religion, color, sex, sexual orientation, national or ethnic origin, gender, age or handicap.

The institution recognizes the Family Rights and Privacy Act of 1974, which defines the rights and protects the privacy of students with regard to their educational records.

The University is an Equal Opportunity Employer in accordance with its Affirmative Action Policy. It does not discriminate as required by law in its employment practices on the basis of race, color, national or ethnic origin, religion, age, sex, sexual orientation, or handicap.

Sacred Heart University is committed to the maintenance of a community environment where respect for the dignity and worth of each individual is demonstrated and where diversity and the free exchange of ideas can flourish. The maintenance of that community requires its members to avoid behavior that creates division, to promote behavior that enhances cooperation among groups and to encourage the development of each person as a unique individual.

The University does not condone racism, sexism, sexual harassment, intolerance or any other acts of discrimination. The University is authorized under federal law to enroll nonimmigrant alien students.

Sacred Heart University's procedures for claiming unlawful discrimination or harassment are set as an appendix to this catalog and also on the Sacred Heart University's website. The Executive Director of Human Resources, Julia Nofri, 203-365-4837, who serves as the coordinator for Title VI, Title IX, section 504 of the Rehabilitation Act and the Age Discrimination Act is the primary University Office responsible for such matter. Students claiming discrimination for handicap or disability may also complain to the Director of Special Services at the University's Jandrisevits Learning Center.

PHOTO CREDITS

Tracy Deer-Mirek, John Galayda, Don Hamerman

THE UNIVERSITY

Accreditation and Memberships

Sacred Heart University has been granted institutional accreditation by the New England Association of Schools and Colleges, one of six regional associations in the United States that accredit schools and colleges. Institutional accreditation is the means used by regional accrediting commissions to assure the educational community, the general public and other agencies and organizations that an institution has clearly defined and appropriate educational objectives and that it has established conditions under which its achievements can be met. Accreditation also provides that an institution is so organized, staffed and supported that it can continue to meet its objectives in the future.

In addition, several University programs have received either specialized accreditation or approval by the state of Connecticut or have been granted specialized accreditation by national professional organizations. The Master of Arts in Teaching program is accredited by the Connecticut State Department of Higher Education; the Education program for teacher certification at the elementary and secondary levels is approved by the Connecticut State Department of Education; the Bachelor of Science in Nursing and Master of Science in Nursing programs are accredited by the Commission on Collegiate Nursing Education (CCNE); National League for Nursing; the Master of Science in Occupational Therapy is accredited by the American Occupational Therapy Association; the Doctor of Physical Therapy is accredited by the American Physical Therapy Association; the Bachelor of Arts or Science in Social Work program is accredited by the Council on Social Work Education; and the John F. Welch College of Business is accredited by the Association to Advance Collegiate Schools of Business (AACSB). The University is approved by the Connecticut State Department of Education

for the education of veterans and their eligible dependents.

MEMBERSHIPS

AACSB, the Association to Advance Collegiate Schools of Business
 Accreditation Council for Occupational Therapy Education (ACOTE)
 American Accounting Association
 American Alliance of Health, Physical Education and Recreation
 American Association for Higher Education
 American Association of Adult Continuing Education
 American Association of College Baseball Coaches (AACBC)
 American Association of Colleges of Nursing
 American Association of Collegiate Registrars and Admissions Officers (AACRAO)
 American Association of Collegiate Schools and Programs
 American Association of Paralegal Education
 American Chamber of Commerce in Luxembourg
 American College Counseling Association (ACCA)
 American College Health Association (ACHA)
 American College of Sports Medicine
 American College Personnel Association (ACPA)
 American Council on Education (ACE)
 American Counseling Association (ACA)
 American Educational Research Association
 American Football Coaches Association (AFCA)
 American Library Association
 American Management Association (AMA)
 American Mathematical Society
 American Occupational Therapy Association (AOTA)
 American Physical Therapy Association (APTA)

American Psychological Association

American Society for Training and Development (ASTD)

American Society of Composers, Authors and Publishers (ASCAP)

Association for Computing Machinery

Association for Continuing Higher Education (ACHE)

Association for North East Business Deans

Association for Specialists in Group Work (ASGW)

Association for Student Affairs at Catholic Colleges and Universities (ASACCU)

Association of Catholic Colleges and Universities (ACCU)

Association of College and University Housing Officers (ACUHO)

Association of College and University Unions (ACUI)

Association of College Administration Professionals (ACAP)

Association of College and Research Libraries

Association of College and University Housing Officers International

Association of College Honor Societies

Association of College Unions International (ACCU)

Association of Collegiate Business Schools and Programs

Association of Conferences and Events Directors (ACED)

Association of Departments of English

Association of Governing Boards

Association of Graduate Programs in Ministry

Association of Institutional Research

Association of International Educators

Association of Professors/Researchers in Religious Education

Association of Schools of Allied Health Professions

Association of Student Judicial Affairs (ASJA)

Association of University Programs in Health

Administration

Berkshire County Counselors Association (BCCA)

Bridgeport Regional Business Council

Canadian Academic Accounting Association

Catholic Campus Ministry Association

Centesimus Annus Pro Pontifice (CAPP)

Chi Sigma Iota (CSI)

Chief Administrators of Catholic Education

College and University Personnel Association

College Art Association

College Athletic Business Management Association (CABMA)

College Athletic Trainers' Society (CATS)

College Board

College Consortium for International Studies

College Entrance Examination Board and Scholarship Service

Collegium

Colonial Athletic Association (CAA)

Commission on Accreditation of Athletic Training Education Programs (CAATE)

Community-Campus Partnerships for Health

Connecticut Association of Colleges and Universities for Teacher Education

Connecticut Association of Latino and Hispanic Education (CALAHE)

Connecticut Association of Professional Financial Aid Administrators (CAPFAA)

Connecticut Athletic Trainers' Association (CATA)

Connecticut Business and Industry Association

Connecticut Campus Compact Steering Committee

Connecticut Career Counseling Association (CCCCA)

Connecticut Conference of Independent Colleges (CCIC)

Connecticut Council on Higher Education

Connecticut Counseling Association (CCA)

Connecticut Distance Learning Consortium

- Connecticut League for Nursing
- Connecticut School Counselor Association (CSCA)
- Connecticut Softball Collegiate/Scholastic Hall of Fame (CSCSHF)
- Connecticut Technology Council
- Connecticut World Trade Association
- Council for Adult and Experiential Learning (CAEL)
- Council for the Advancement and Support of Education (CASE)
- Council of Graduate Schools
- Council of Independent Colleges
- Council on Social Work Education
- East End Counselors Association (EECA)
- Eastern Association of Colleges and Employers (EACE)
- Eastern Association of Student Financial Aid Administrators (EASFA)
- Eastern Athletic Trainers' Association (EATA)
- Eastern College Athletic Conference (ECAC)
- Eastern Intercollegiate Volleyball Association
- Entrepreneurial Women's Network
- Entrepreneurship Institute
- European American Chamber of Commerce in the US
- European Council of International Schools (ECIS)
- Fairfield Chamber of Commerce
- Fairfield County Business Council
- Forum for World Affairs
- Greater New Haven Chamber of Commerce
- Greater Norwalk Chamber of Commerce
- Greenwich Chamber of Commerce
- Institute for European Studies/Institute for Asian Studies
- Institute for International Education
- Institute of Management Accounts
- Institute of Management Consultants
- Intercollegiate Association for Marriage and Family Therapists
- Intercollegiate Bowling Association
- Intercollegiate Tennis Association (ITA)
- International Consortium of the National Council of Teachers of English
- International Federation of Catholic Universities (IFCU)
- Kiwanis Club of Bridgeport
- Library Administration and Management Association
- Library Information Technology Association
- Luxembourg American Chamber of Commerce (LACC)
- Massachusetts School Counselor Association (MSCA)
- Mathematics Association of America
- Metro Atlantic Athletic Conference (MAAC)
- Metro New York College Placement Officers Association (MNYCPOA)
- Modern Languages Association (MLA)
- National Academic Advising Association (NAAA)
- National Association for College Admission Counseling (NACAC)
- National Association for Developmental Education
- National Association for Lay Ministry
- National Association for Pastoral Musicians
- National Association of Athletics Compliance Coordinators (NAACC)
- National Association of Campus Activities (NACA)
- National Association of Catholic Colleges Admissions Counseling (NACCAC)
- National Association of Church Personnel Administrators
- National Association of College Admissions Counselors
- National Association of College and University Attorneys
- National Association of College and University Business Officers
- National Association of College Athletic Directors
- National Association of College Auxiliary

Services (NACAS)

National Association of College Basketball Coaches (NACBC)

National Association of Colleges and Employers (NACE)

National Association of Collegiate Directors of Athletics (NACDA)

National Association of Collegiate Marketing Administrators (NACMA)

National Association of Foreign Student Advisors

National Association of Foreign Student Affairs (NAFSA)

National Association of Graduate Admissions Professionals (NAGAP)

National Association of Independent Colleges and Universities

National Association of International Educators

National Association of Schools of Art and Design

National Association of Social Workers

National Association of Student Financial Aid Administrators (NASFAA)

National Association of Student Personnel Administrators (NASPA)

National Athletic Trainers' Association (NATA)

National Athletic Trainers' Association Board of Certification (NATABOC)

National Board for Certified Counselors (NBCC)

National Career Development Association (NCDA)

National Catholic Educational Association

National Catholic Student Coalition

National College of Sports Medicine

National Collegiate Athletic Association (NCAA)

National Collegiate Licensing Association (NCLA)

National Conference of Catechetical Leadership

National Continuing Education Association

National Council for Teachers of English

National Council for Teachers of Math

National Fastpitch Coaches Association (NFCA)

National Intramural and Recreational Sports Association (NIRSA)

National League for Nursing

National Network of Libraries of Medicine

National Orientation Directors Association (NODA)

National Society of Experiential Education (NSEE)

National Strength and Conditioning Association (NSCA)

New England Affiliate of College and University Residence Halls (NEACURH)

New England Association of College Admissions Counseling (NEACAC)

New England Association of College and University Housing Officers (NEACUHO)

New England Association of Collegiate Registrars and Admissions Officers (NEACRAO)

New England Association of Schools and Colleges

New England Intercollegiate Softball Coaches Association (NEISCA)

New England Occupational Therapy Educational Council

New England Resource Center for Higher Education (NERCHE)

New England Transfer Association (NETA)

New Haven Chamber of Commerce

New Jersey Association of College Admissions Counseling (NJACAC)

New York Association of College Admissions Counseling (NYACAC)

Northeast Association of Student Employment Administrators

Northeast Conference (NEC)

Northeast Conference Baseball Committee

Overseas Association of College Admissions Counseling (OACAC)

Pennsylvania Association of College
 Admissions Counseling (PACAC)
 Phi Delta Kappa, International
 Religious Educational Association
 Sigma Xi Scientific Research Study
 Society for Human Resource Managers
 (SHRM)
 Society for Industrial and Applied
 Mathematics
 Society for the Scientific Study of Religion
 Society of University Planners
 Stamford Chamber of Commerce
 Strategic Enrollment Management (SEM)
 Teachers of English to Speakers of Other
 Languages
 University Continuing Education Association
 (UCEA)
 Western Massachusetts Counselors
 Association (WMCA)
 Western, Rockland, Putnam Counselors
 Association (WRPCA)
 Western Suffolk Counselors Association
 (WSCA)
 World Criminal Justice Library Network

Mission and History

MISSION STATEMENT

Sacred Heart University is a coeducational, independent, comprehensive institution of higher learning in the Catholic intellectual tradition whose primary objective is to prepare men and women to live in and make their contributions to the human community. The University aims to assist in the development of people knowledgeable of self, rooted in faith, educated in mind, compassionate in heart, responsive to social and civic obligations, and able to respond to an ever-changing world. It does this by calling forth the intellectual potential of its students, nurturing each one's spiritual and moral growth, and deepening in them a sense of social responsibility. The University is committed to combining education

for life with preparation for professional excellence. Sacred Heart University is Catholic in tradition and spirit. As a Catholic university, it seeks to play its appropriate role in the modern world. It exemplifies in its life the Judeo-Christian values of the Godgiven freedom and dignity of every human person. Inspired by the ecumenical spirit of the Second Vatican Council, Sacred Heart University welcomes men and women of all religious traditions and beliefs who share its concerns for truth, scholarship, the dignity of the human person, freedom, and the betterment of human society. It values religious diversity as enhancing the University community and creating opportunities for dialogue in the common search for truth. Through its curricular and co-curricular activities and campus ministry programs, the University provides the context in which students have the opportunity to appropriate in a critical fashion their own religious traditions. Sacred Heart University challenges its students to think critically, analyze carefully, evaluate with a sense of justice and proportion, and convey conclusions in an intelligible and articulate fashion. The University provides the environment in which its students can develop the aesthetic dimension of life by nurturing their abilities to imagine, create and appreciate. It assists students to acquire a rich understanding of their own cultural and family heritages so as to assume their responsibilities as conveyors and creators of culture and family. As a community of teachers and scholars, Sacred Heart University exists for the pursuit of truth. It joins with other colleges and universities in the task of expanding human knowledge and deepening human understanding. It encourages and supports the scholarly and artistic work of its faculty and students. Further, it has a responsibility to share its resources and its special gifts and talents for the betterment of the human community. All members of the University community are encouraged to participate in the wider community through service to others, especially the poor. From its founding, the University has been recognized for its

caring approach to students. This expresses the University's belief that each student is born with a unique set of qualities and skills. It respects the personal and academic freedom of each of its members while, at the same time, fostering a genuine experience of community. By so doing, it creates the environment in which each person in the University shares in common goals and a common commitment to truth, justice, and concern for others.

HISTORY

Sacred Heart University was founded in 1963 by the Most Reverend Walter W. Curtis, Bishop of the Diocese of Bridgeport. It was established to provide an affordable, quality education at a Catholic university. From its outset, the University bore the mark of innovation. Charting a new direction within American Catholicism, the University was to be led and staffed by the laity, as an independent Catholic University. Signs of the University's growth and vibrancy are evident. The enrollment has risen from the original class of 173 students to more than 5,700 full- and part-time undergraduate and graduate students in Fall 2006. Correspondingly, the faculty has increased from 9 to over 190 full-time professors and a cadre of dedicated affiliate faculty members. The University has grown and has enhanced the undergraduate student experience in several other ways. In 1990, it accepted for the first time students who wanted the "residential" experience. It now has ten residence halls, and 66% of the full-time undergraduate students live in University housing. New degree programs and majors in relevant disciplines are consistently added to our curriculum. The University offers Division I athletics with 32 varsity teams. The expansive William H. Pitt Health and Recreation Center is available to all students and the community at large. Recognizing the importance of technology, Sacred Heart University provides all undergraduate students with a laptop computer. The University campus is a wireless environment. The University consists of five colleges: College of Arts and Sciences,

John F. Welch College of Business, Isabelle Farrington College of Education, the College of Health Professions, and University College. The latter is committed to the adult learner and provides continuing education programs. Its evening, weekend and accelerated courses earn praise for their diversity and relevance to changing lifestyles. An ever-widening outreach to the community balances the University's commitment to academic excellence. The Center for Spirituality and Ministry educates men and women for pastoral, administrative, catechetical and other Church ministries. The Center for Christian-Jewish Understanding, which earned the personal endorsement of Pope John Paul II, has become a global leader in fostering interreligious dialogue. Closer to home, hundreds of students, faculty and staff volunteer their services in the community each year. The Center for Strategic Planning for Not-for-Profit Organizations provides business assistance to qualified groups at no cost. Through the Sacred Heart University-St. Charles Health and Wellness Center, faculty and students from Nursing, Physical Therapy, Psychology, Occupational Therapy and related disciplines bring the assets of contemporary health care practices and services to an at-risk population to the multicultural communities of St. Charles Church and neighborhood residents on Bridgeport's East Side. The administration, faculty and staff, and students are proud to carry the Founder's vision and the University's mission into the third millennium.

Locations

Located on 56 suburban acres and adjacent properties in Fairfield, Connecticut, the main campus is just minutes from Exit 47 off the Merritt Parkway (Route 15), about one hour north of New York and less than three hours south of Boston. Major extension sites of the University are located in Stamford and Griswold, Connecticut. The University also offers a Master of Business Administration degree and undergraduate study abroad in the Grand Duchy of Luxembourg.

MAIN CAMPUS, FAIRFIELD

Full-Time Admissions

Sacred Heart University
5151 Park Avenue
Fairfield, CT 06825-1000
203-371-7880 FAX: 203-365-7607
E-mail: enroll@sacredheart.edu

Part-Time Admissions

Sacred Heart University
5151 Park Avenue
Fairfield, CT 06825-1000
203-371-7830 FAX: 203-365-7500
E-mail: ucadmissions@sacredheart.edu

GRISWOLD

Sacred Heart University at Griswold
Griswold High School
267 Slater Avenue
Griswold, CT 06351
860-376-8408 FAX: 860-376-1798
E-mail: christensenk@sacredheart.edu

LUXEMBOURG

Sacred Heart University at Luxembourg
7, rue Alcide de Gasperi
Chambre de Commerce – Bâtiment B,
1st Floor
L-2981 Luxembourg
Luxembourg
352-22-76-13 FAX: 352-22-76-23
E-mail: admissions@shu.lu

STAMFORD

Sacred Heart University at Stamford
12 Omega Drive
Stamford, CT 06907
203-323-4959 FAX: 203-323-4974
E-mail: ucstamford@sacredheart.edu

Discrimination

Sacred Heart University does not discriminate on the basis of sex, sexual orientation, race, color, religion, national/ethnic origin, age, or handicap in the administration of its educational policies, admission policies, athletic programs, or administered programs. Any behavior or action that excludes, harasses, or embarrasses someone based on any of the

above characteristics is unacceptable and subject to disciplinary action. Any person who has a complaint regarding any unlawful discrimination may obtain the procedures to file a complaint from the Executive Director of Human Resources Department, Julia Nofi, 203-365-4837. A complaint by a student for unlawful discrimination in violation of Sacred Heart University policies or state or federal law regarding disability may also be filed with the Director of Special Services located at the University's Jandrisevits Learning Center who will direct the complaint to Human Resources. The procedures are set forth as an appendix to this catalog.

Curriculum

The University responds to community needs with programs of study and courses that offer up-to-date specialized information and skills. At the same time, it maintains a commitment to the intellectual development of its students within a well-defined liberal arts program rooted in the Catholic intellectual tradition.

The University offers baccalaureate candidates a choice of 27 majors in the areas of liberal arts, business and professional studies. Candidates seeking an associate degree can choose from Associate of Arts/General Studies or Associate of Science in Computer Science degree. Master's degree programs are offered in the fields of:

Applied Psychology (M.S.)
Business Administration (M.B.A.),
Chemistry (M.S.),
Computer Science and Information Technology (M.S.),
Criminal Justice (M.A.),
Communications (M.A.)
Environmental Systems Analysis and Management (M.S.)
Exercise Science and Nutrition (M.S.)
Family/Nurse Practitioner (M.S.N.),
Geriatric Rehabilitation and Wellness (M.S.),
Occupational Therapy (M.S.),

Patient Care Services Administration (M.S.N.
or MSN/MBA),
Religious Studies (M.A.), and
Teaching (M.A.T.).

Professional certificates (Sixth Year) in
administration, CT. Literary Specialist and
advanced teaching are also offered.

A post-master's professional certificate is
also available in Family Nurse Practitioner.
Professional doctoral degree programs are
offered in Physical Therapy (DPT), and
Nursing Practice (DNP).

MAIN CAMPUS, FAIRFIELD

Full-Time Admissions

Sacred Heart University
5151 Park Avenue
Fairfield, CT 06825-1000
203-371-7880 FAX: 203-365-7607
E-mail: enroll@sacredheart.edu

Part-Time Admissions

Sacred Heart University
5151 Park Avenue
Fairfield, CT 06825-1000
203-371-7830 FAX: 203-365-7500
E-mail: ucadmissions@sacredheart.edu

GRISWOLD

Sacred Heart University at Griswold
Griswold High School
267 Slater Avenue
Griswold, CT 06351
860-376-8408 FAX: 860-376-1798
E-mail: christensenk@sacredheart.edu

LUXEMBOURG

Sacred Heart University at Luxembourg
7, rue Alcide de Gasperi
Chambre de Commerce – Bâtiment B,
1st Floor
L-2981 Luxembourg
Luxembourg
352-22-76-13 FAX: 352-22-76-23
E-mail: admissions@shu.lu

STAMFORD

Sacred Heart University at Stamford
12 Omega Drive
Stamford, CT 06907
203-323-4959 FAX: 203-323-4974
E-mail: ucstamford@sacredheart.edu

Discrimination

Sacred Heart University does not discriminate on the basis of sex, sexual orientation, race, color, religion, national/ethnic origin, age, or handicap in the administration of its educational policies, admission policies, athletic programs, or administered programs. Any behavior or action that excludes, harasses, or embarrasses someone based on any of the

above characteristics is unacceptable and subject to disciplinary action. Any person who has a complaint regarding any unlawful discrimination may obtain the procedures to file a complaint from the Executive Director of Human Resources Department, Julia Nofi, 203-365-4837. A complaint by a student for unlawful discrimination in violation of Sacred Heart University policies or state or federal law regarding disability may also be filed with the Director of Special Services located at the University's Jandrisevits Learning Center who will direct the complaint to Human Resources. The procedures are set forth as an appendix to this catalog.

Curriculum

The University responds to community needs with programs of study and courses that offer up-to-date specialized information and skills. At the same time, it maintains a commitment to the intellectual development of its students within a well-defined liberal arts program rooted in the Catholic intellectual tradition.

The University offers baccalaureate candidates a choice of 27 majors in the areas of liberal arts, business and professional studies. Candidates seeking an associate degree can choose from Associate of Arts/General Studies or Associate of Science in Computer Science degree. Master's degree programs are offered in the fields of:

Applied Psychology (M.S.)
Business Administration (M.B.A.),
Chemistry (M.S.),
Computer Science and Information Technology (M.S.),
Criminal Justice (M.A.),
Communications (M.A.)
Environmental Systems Analysis and Management (M.S.)
Exercise Science and Nutrition (M.S.)
Family/Nurse Practitioner (M.S.N.),
Geriatric Rehabilitation and Wellness (M.S.),
Occupational Therapy (M.S.),

Patient Care Services Administration (M.S.N.
or MSN/MBA),
Religious Studies (M.A.), and
Teaching (M.A.T.).

Professional certificates (Sixth Year) in
administration, CT. Literary Specialist and
advanced teaching are also offered.

A post-master's professional certificate is
also available in Family Nurse Practitioner.
Professional doctoral degree programs are
offered in Physical Therapy (DPT)., and
Nursing Practice (DNP).

ADMISSIONS

Admissions Process For Full-Time Study

The Office of Undergraduate Admissions coordinates the admission of prospective students under 23 years old interested in full-time study (12 credits or more per semester). The different categories of full-time admission and the appropriate application requirements are described below.

FRESHMAN ADMISSIONS

A candidate for full-time admission to Sacred Heart University as a freshman should submit to the Office of Undergraduate Admissions a completed application (the University uses the Common Application) with the application fee, a high school transcript, one letter of recommendation, and an essay. An interview on campus is strongly recommended to complement the required credentials.

TRANSFER ADMISSIONS

The University accepts full-time students transferring from other regionally accredited colleges. Prospective transfer students are required to submit to the Office of Undergraduate Admissions an application for transfer admission (the University uses the Common Application and its' own) along with their high school transcript, official college or university transcripts, one letter of recommendation, an essay, and the application fee. An interview on campus is strongly recommended. If you have completed less than 12 credits, please submit a mid-semester grade report during the application process.

A student who has left Sacred Heart University for more than a year is required to reapply for full-time admission to the University through the transfer admissions process.

INTERNATIONAL ADMISSIONS

Sacred Heart University welcomes students from around the world. International students are eligible to apply to the undergraduate program for full-time study at Sacred Heart University if they have completed the equivalent of a United States secondary school education (approximately twelve years of formal education) and have the appropriate diploma or satisfactory results on leaving examinations.

Sacred Heart University classifies an international student as a student who does not hold U.S. citizenship or U.S. Permanent Residency (U.S. Resident Alien) and needs an F1 student visa. This includes students who are living and/or studying outside the U.S. and students who are living and/or studying in the U.S. at the time of their application for admission.

Sacred Heart University prefers that international students submit the following information to the Office of Undergraduate Admissions before November 1 for January entrance and before March 1 for September entrance.

A completed undergraduate admissions application must include:

- Complete Online Application for International Students.
- A non-refundable application fee of U.S. \$100 US Dollars.
- Official scholastic records from all secondary schools and college/ universities attended.
- One letter of recommendation.
- A credential report from World Educational Services, or a similar company, is required for all students who wish to transfer and receive academic credit for coursework taken at another college or university.
- For all non-native English speakers, an official English language proficiency examination is required. The following

minimum scores are accepted:

TOEFL PBT: 570

TOEFL iBT: 92

IELTS: 6.5

MELAB: 80 (proctored on site at SHU)

PTE: 62

iTEP: 5

Cambridge Certificate in Advanced English (CAE): 5.5

Cambridge Certificate in Proficiency in English (CPE): 5.5

- Official SAT or ACT test scores (optional)
- Copy of passport, specifically the page(s) containing identification data and signature of bearer.
- An official bank statement, signed by a bank official and dated within six months of enrolling at Sacred Heart University verifying the student's, the student's family and/or sponsor's ability to pay the full cost required to attend SHU (tuition, room, board, books, travel expenses, health insurance).
- The Immigration I-20 form (the form needed to obtain a student F1 visa from a U.S. embassy or consulate) will be issued by SHU after the student has been accepted to the University, tuition and housing deposits are received, and proof of financial support in the form of an official bank statement is submitted. The issuance of an I-20 and subsequent F-1 visa constitutes a legal agreement with the U.S. government binding the student to maintain full-time enrollment (at least 12 credits per semester) at all times except during the summer session. Employment in the U.S. is only allowed if authorized by the Immigration and Naturalization Service.

NOTE: Materials that are received by fax (203-365-7607) and email will be used as working documents only and are considered to be unofficial. Only original or photocopies with a school seal and signature will be accepted. Submission of falsified documents

is grounds for denial of admission or dismissal from the University.

ACCEPTANCE PROCESS

Sacred Heart University enrolls full-time students in undergraduate programs of study in September and January.

The University accepts full-time students through the Early Decision program or on a Rolling Admissions basis.

A student who is denied full-time admission is not allowed to begin classes on a part-time basis.

EARLY DECISION PROGRAM

Students who consider Sacred Heart University their first choice and have demonstrated above-average academic performance may apply under the Early Decision program. Contact the Office of Undergraduate Admissions for the Early Decision program application deadline. In addition, all Early Decision candidates are required to interview with an Admissions Counselor in the Office of Undergraduate Admissions prior to the Early Decision deadline. The University's Early Decision program is binding; therefore, students accepted to the University under the Early Decision program are required to submit a nonrefundable acceptance deposit. Those who apply for Student Financial Assistance will have the opportunity to preview a financial assistance package in advance of making the binding commitment with the enrollment deposit. To be considered for a financial assistance package in our early decision program, the CSS Profile must be completed. Students deferred through the Early Decision program will be considered through the Rolling Admissions process.

REGULAR ADMISSIONS PROCESS

All other candidates for admission will be evaluated through the Regular Admissions process. Decision letters for completed

applications will begin to be sent in January. If financial assistance and housing are a consideration, students should submit their applications no later than February 1 for September enrollment and December 1 for January enrollment.

Students who are accepted and who choose to enroll at the University are required to submit a nonrefundable acceptance deposit. The University observes a May 1 deposit deadline for all students accepted prior to April 15. Deposits received after May 1 will be accepted on a space-available basis.

Correspondence should be directed to:

Office of Undergraduate Admissions
Sacred Heart University
5151 Park Avenue
Fairfield, CT 06825-1000
Phone: 203-371-7880
Fax: 203-365-7607
E-mail: enroll@sacredheart.edu

VISITING STUDENTS

Visiting students are required to complete a registration form and make sure that they have completed any prerequisites for the course(s). Students are responsible for checking with their home institution if they are planning to transfer the credits.

Connecticut law requires that students born after December 31, 1956, provide proof of measles immunization: www.sacredheart.edu/download/27_2008_shu_uc_student_health_services_form.pdf

Registration is ongoing.

Although not required, it is recommended that students meet with an advisor from their major periodically to ensure completion of the program in a timely manner. Students seeking admission to University College do not need prior college experience to begin their studies, and standardized tests are not required.

Correspondence should be directed to:

University College
Sacred Heart University
5151 Park Avenue
Fairfield, CT 06825-1000
Phone: 203-371-7830
Fax: 203-365-7500
ucadmissions@sacredheart.edu

WEEKEND UNIVERSITY

The Weekend University offers University core curriculum courses that facilitate the pursuit of a degree. There are two sessions offered in an alternating weekend schedule, allowing students to take two courses per semester.

TASTE OF COLLEGE FOR HIGH SCHOOL SENIORS AND SENIOR CITIZENS

The Taste of College program is a special admissions program to encourage currently enrolled high school juniors and seniors who show exceptional academic accomplishments to participate in college-level courses. Students need to present an application, a letter of recommendation from their high school guidance counselor and a high school transcript. Students will receive three college credits after successful completion of the course. Also, adults 62 years or older may take college courses on a seat-available basis. Selected course offerings vary each semester. High school seniors must be recommended by their high school counselor and should contact the Undergraduate Admissions Office at 203-371-7880 for information. Senior citizens should contact University College at 203-371-7830 for more information.

TRANSFER, ADVANCED PLACEMENT AND COLLEGE EQUIVALENT CREDIT

Transfer Credit

Credit is awarded for courses that carry

grades of C or better and that parallel Sacred Heart University offerings. The University reserves the right to examine selected courses to determine whether or not their content and quality fit the University's purpose and goals. Sacred Heart University will accept a maximum of 66 credits from two-year colleges and 90 credits from four-year institutions.

THE ADVANCED PLACEMENT PROGRAM

Beginning with academic year 2008-2009, credit will be given for scores of 4 or 5 on the College Entrance Examination Board Advanced Placement Examination. A grade of T is assigned for these credits. When Advanced Placement credit is awarded, as determined by the Academic Department, for work that is the equivalent of specific Sacred Heart University courses (e.g., Biology 111, English 101), students may not take those courses for credit.

All requests and applications for Advanced Placement should be made to the Office of Undergraduate Admissions before classes begin in the year of entrance to the University. Receipt by the Office of Undergraduate Admissions of an Advanced Placement score report, directly from the College Board, will be considered an application for Advanced Placement and college credit.

INTERNATIONAL BACCALAUREATE PROGRAM

Sacred Heart University considers the International Baccalaureate outstanding for its integrated curriculum and rigor. A student awarded the International Baccalaureate Diploma will be granted the option of sophomore standing and will have his or her individual diploma examinations recorded as transfer credit. If a student does not attain the International Baccalaureate Diploma but presents individual Higher Level examinations with scores of 4, 5, 6 or 7, he or she will receive 6-8 credits per examination (depending on the Sacred Heart University

course equivalency), up to a total of 30 credits. These individual credits may be applied to general education/core, a major or an elective. No credit will be awarded for Subsidiary examinations. A student who has been granted credit in a particular area may not enroll for courses that will repeat his or her work in the subject. Students should have their International Baccalaureate Diploma or International Higher Level examination scores sent to the Office of the Registrar.

OTHER INTERNATIONAL EXAMINATIONS

Students who wish to receive credit for international school leaving examinations other than the International Baccalaureate should have copies of their results sent to the Office of Undergraduate Admissions who, in consultation with the Registrar and respective academic departments, will determine the amount of credit to be given and the distribution of such credit. A student who has been granted credit in a particular area may not enroll for courses that will repeat his or her work in the subject.

For the most commonly presented international/ foreign examinations, the guideline of acceptance of college credit is:

- French Baccalaureate—scores of 12-20
- German Abitur—scores of 7-15 ("befriedigend" or better)
- Swiss Matura—scores of 5 or 6
- United Kingdom "A" Level General Certificate Examinations—grade of A, B or C

Other international/foreign examinations presented are evaluated for credit by the University Registrar, in consultation with appropriate departments and appropriate international evaluation credential agencies, such as the World Education Services, Inc., located in New York City.

Admissions Process for Part-Time Study

All part-time undergraduate students, (summer and winter intersession students) are admitted through University College.

If an individual is a first-time student, he/she must submit a high school transcript or its equivalent and meet with an academic advisor to discuss educational goals.

After receiving acceptance into a degree program, the student will review the individualized plan of study with an advisor, and use this worksheet when registering for future classes.

New students should follow these easy steps to become students at Sacred Heart University:

Complete an application and make an appointment to meet with a part-time admissions advisor. The application form is available online at www.sacredheart.edu/applyuc.cfm. Whenever possible, transfer students should fax a copy of their college transcript(s) to University College at 203-365-7500 prior to their appointment. The advisor will perform a preliminary evaluation of any transfer credits, and during the initial meeting will answer any questions, discuss program requirements, and help students register for a class.

If transcripts have been reviewed, but an acceptance has not yet been issued, students may register for up to 12 credits. Registration forms are available on our website: www.sacredheart.edu/uchealth.cfm.

COLLEGE CREDIT BY EXAMINATION—NATIONAL TESTING PROGRAMS

EXCELSIOR, CLEP and DANTES

These are national programs awarding college credit by examination. CLEP exams are administered at the Stamford campus.

The University awards credit for CLEP, DANTES, and certain EXCELSIOR exams. College credit is awarded when a student successfully passes an exam, see www.sacredheart.edu/cleptransfer.cfm. Credit is awarded only in areas where the student does not have prior credit applied toward a degree.

Students may not take exams in a graduating semester.

Sacred Heart University offers the nursing student the opportunity to take EXCELSIOR exams in Anatomy and Physiology I and II, and the National League for Nursing (NLN) challenge exam in Microbiology. For additional information concerning these exams, contact the Nursing Programs Office at 203-371-7715.

ASSESSMENT OF PRIOR LEARNING PROGRAM

Recognizing that higher education also occurs outside the classroom, the University awards academic credit to students for what they have learned through life and/or work experience in very exceptional circumstances. This experience can be the result of self-education, professional certification, in-service training programs, volunteer work or management work.

In order to apply for credit, the student must be enrolled at the University in the semester in which the portfolio is submitted. Credit is awarded only for experience that parallels the University's courses and programs. This credit can be used in the core curriculum, in the major or as free electives, as long as the student completes at least 30 credit hours in the classroom, with one-half of the major taken in the classroom at Sacred Heart University. No more than 60 credits can be awarded for prior learning and CLEP, DANTES and EXCELSIOR combined. This credit is not awarded in areas where National Testing Programs are applicable.

University College will assist the student

in assembling the portfolio. The portfolio should include a brief work resume, a detailed description of the individual's experience tailored to particular courses offered by the University and supporting documentation. Supporting documentation may include certificates, awards, letters of recommendation, job descriptions and samples of work. As the portfolio is being composed, the student should be reflecting on the learning that has been derived from his or her experience.

The portfolio and application form are submitted to University College, along with the application fee. The portfolio is referred to the appropriate faculty for a determination of any credit award. Some academic departments review the portfolio as a committee, while other departments prefer to test the student in the particular subject matter.

After the faculty committee has evaluated the portfolio, it is then reviewed by the department chairperson. A letter of award is prepared.

For additional information on the Assessment of Prior Learning program, contact University College at 203-371-7830.

Withdrawals from courses must be made in person through the Office of the Registrar. Official withdrawal is necessary.

EXPENSES AND STUDENT FINANCIAL ASSISTANCE

Tuition and Fees

Subject to approval by the Board of Trustees (Academic Year 2012-2013)

GENERAL INFORMATION

All tuition and fees must be paid on or before registration for each semester or session unless prior arrangements have been made.

Students will not be allowed to register with a prior balance.

A degree will not be conferred and a transcript and/or educational verification will not be issued until all financial obligations to the University have been met. The University reserves the right to require any past balance to be paid by certified check.

FULL-TIME STUDENT*

Tuition (12-18 credits): \$16,890/semester

Athletic and Recreation Fee: \$125/semester

Overload (19 or more credits): \$945/credit

Audit Tuition: \$780/course

Room and Board*

Housing fee varies per residential hall

Room: \$4,690 to \$4,841/semester

Board: \$575 to \$2,100/semester

All residential dorms require meal plans. Refer to Student Accounts webpage at www.sacredheart.edu for additional information/requirements.

PART-TIME STUDENT*

Tuition (1-11 credits): \$515/credit

Registration Fee (nonrefundable): \$95/semester

OTHER FEES*

Auditors Registration Fee (nonrefundable): \$95/term

Lab (per course, nonrefundable): \$24-\$175/course

Exercise Science Program Fee: \$575

Athletic Training Program Fee: \$575

Nursing Assessment Fee: \$410

Private Music Lessons:

MU 131 (1 credit): \$260

MU 132 (2 credits): \$520

Nursing Program Fee: \$565

Welch College of Business Fee: \$750/semester

Guaranteed Payment Plan:

Credit Card Reject Fee: \$90

Credit Card Reject Fee: \$50

Returned Check Fee: \$40

Study Abroad Fee: \$500/\$250/semester

Taste of College: \$133/credit (Max 6 credits)

Senior Citizen Program: \$100/credit (Max 6 credits)

Health Insurance: \$1,117/year

Transcript**: \$8/transcript

*For more detailed tuition and fees information, refer to the Student Accounts Web page at www.sacredheart.edu.

**Transcripts, diplomas, and employee verifications are not released if any balance is due the University.

It is the sole student responsibility to maintain a current mailing address with the University.

FAMILY DISCOUNT PLAN

The Family Discount Plan offers a reduction in undergraduate tuition costs when two or more individuals from the same family are enrolled as full-time undergraduates at the University. Each full-time undergraduate student must take at least 12 undergraduate

credits during the period of the award.

Family discount forms can be obtained from the Financial Assistance Office prior to registration, or go to the Financial Assistance webpage www.sacredheart.edu.

HEALTH INSURANCE

All full-time undergraduate students are required to have Health Insurance, therefore, students are automatically enrolled in the University's Health Insurance Plan. Students already covered by health insurance may waive the University plan by going to

www.kostergallagher.com. All full-time Undergraduate International Students are enrolled in the University insurance program and cannot waive out. For further information, contact Health Services at 203-371-7838.

PAYMENT OF TUITION AND FEES

Students can pay tuition and other fees in full by cash, check, or money order. All checks should be made payable to Sacred Heart University. Cash payment must be made in person at the Cashiers Window (SC100) in the Academic Building.

For online payments, go to www.sacredheart.edu/e-cashier.cfm.

Monthly Payment Plan Options

A monthly payment plan is available during regular terms (Fall and Spring). For additional information and/or to enroll, go to www.sacredheart.edu.

Late Fee. If a payment is received later than the due date, a finance charge will be assessed at the rate of .75% per month, annual rate of 9%.

Guaranteed Payment Plan

This program enables part-time students to register for a term without tuition payment at the time of registration. Further information

regarding the Guaranteed Payment Plan can be obtained online at www.sacredheart.edu/pages/1096_payment_plans.cfm.

WITHDRAWALS/REFUNDS

Withdrawals from courses must be made in person through the Office of the Registrar. Full-time students withdrawing from the University must see the Assistant Dean, College of Arts and Sciences or the Director of Advisement for an exit interview.

Part-time students withdrawing from the University or from individual classes must obtain a course withdrawal form from the Registrar's Office.

Official withdrawal is necessary to ensure the proper entry of grades on the transcript and the determination of any refund, if applicable.

Withdrawal from the University within four weeks from the beginning of a semester entitles the candidate to a proportional refund of tuition. Refunds are granted only if the candidate complies with the withdrawal procedures as prescribed by the Registrar's office.

Tuition refunds based on full tuition charges are:

- 100% Before start of first week of classes
- 80% Before start of second week of classes
- 60% Before start of third week of classes
- 40% Before start of fourth week of classes
- 20% Before start of fifth week of classes
- 0% After start of fifth week of class

Tuition refund for Weekend University charges are:

Tuition refund for SHU Online programs is 100% prior to start of First week, 80% during First week of class, and 0% after First week.

All refunds can take four to six weeks to process. After withdrawing, students must

contact Student Accounts at 203-371-7925 to receive a refund. Refunds are only given to students who have no outstanding balances.

Refund Allocation Policy for Federal Financial Aid Funds

Withdrawing from all courses is considered withdrawing from the University. If you do this before 60% of the semester is completed (approximately 8–9 weeks into the semester), your financial aid award will be recalculated, according to the percentage of the semester you have completed. The formula for calculating this percentage is:

$$\frac{(\text{Days enrolled}) - (\text{Official breaks of five days or longer})}{\text{Total number of class days in the semester.}}$$

RETURNING AID

If you have been awarded Title IV (federal) or state aid and you withdraw before completing 60% of the semester, some portion of your financial aid must be returned. The above formula determines what portion of the aid must be returned and the list below indicates the order in which the aid is returned.

Refunds to Federal Title IV programs are made in this order:

- Federal Unsubsidized Stafford Loan
- Federal Subsidized Stafford Loan
- Federal Perkins Loan
- Federal Graduate Plus Loan
- Federal Prent Loan for Undergraduate Students Plus
- Federal Pell Grant
- Federal Academic Competitiveness Grant
- Federal Smart Grant
- Federal Supplemental Educational Opportunity Grant (SEOG)
- Other federal sources of aid
- Other state, private, or institutional aid

The student

Refund examples are available in the Student Financial Assistance Office. It is important to discuss withdrawal and refund as it pertains to the individual student, and its implications for federal student loan repayment and future eligibility for financial assistance.

STUDENT FINANCIAL ASSISTANCE

The University is committed to helping students plan financially for their college education. The Office of Student Financial Assistance advises students in their effort to locate appropriate financial resources.

Financial assistance is generated from a variety of sources including federal, state, institutional and other private or local resources. These sources provide grants, loans, scholarships and part-time employment to assist students with the cost of their education.

Students who need assistance in formulating a financial plan for college should contact the Office of Student Financial Assistance at 203-371-7980. Confidential appointments can be arranged to discuss personal financial situations and all possible avenues of financial assistance.

Eligibility

Undergraduate students are eligible for financial assistance provided they are citizens or permanent residents of the United States and are enrolled in the University on at least a half-time basis working toward a degree.

In addition, students must maintain satisfactory academic progress and be in good standing in their course of study. Students in default on any loan made from a student loan fund at any university or in default on a loan made, insured or guaranteed under the Federal Stafford Loan or Federal PLUS Program are not eligible for assistance.

Application Procedures

To be considered for financial assistance at Sacred Heart University each year, the student must meet the requirements outlined below:

- All students must complete a Free Application for Federal Student Aid (FAFSA). Sacred Heart University's Title IV Code is 001403.
- New full-time undergraduate student financial assistance applicants must also complete the PROFILE Application with the College Scholarship Service (CSS) in addition to the FAFSA. To have an official report sent directly to Sacred Heart University, use the University's CSS code number 3780.
- Returning students must submit a confidential information form available online through SHU Awards.

Priority deadline to apply for financial assistance is:

New full-time undergraduate students: February 15

Returning undergraduate students: March 1

Additional verification and documentation may be required each year according to individual circumstances, such as parent and student federal income tax transcripts, social security card, citizenship verification, driver's license and others. You will receive instructions from the Office of Student Financial Assistance regarding submission of the required documents.

Notification and Acceptance of Financial Aid Awards

All students will be notified of the status of their financial assistance applications and the amount of their awards in writing and/or via our online inquiry system—SHU Awards access is through the University website at www.sacredheart.edu. If satisfied with the award package, the student must accept the award package online within two weeks

of notification. Students have the right to request a review of their awarded assistance.

Programs

Several federally funded programs are available to qualified students who are U.S. citizens.

Federal Pell Grants

Pell Grants are funded by the federal government and are designed to provide financial assistance to undergraduate students who exhibit financial need pursuing their first undergraduate degree. Pell awards range from approximately \$400 to \$5,550 a year.

Federal Supplemental Educational Opportunity Grant (SEOG)

SEOG awards are provided by federal and institutional funds and are restricted to undergraduate students who demonstrate exceptional financial need. Grants range in amounts from \$100 to \$4,000 a year.

Federal College Work-Study (CWS)

Work-Study is funded by federal and institutional sources. Students who qualify for this program may be assigned a part-time job on campus. Earnings assist in meeting the cost of attending college. Students are paid weekly at a rate established in accordance with federal and University standards.

Federal Perkins Loan

The Perkins Loan is a low-interest loan that students may borrow to assist in meeting the cost of a college education. No interest accrues while the student is enrolled on at least a half-time basis. Payment of the loan begins nine months after graduation, or after a change in enrollment to less than half-time or withdrawal from the University.

Federal Teach Grant

The TEACH Grant Program is a non need based federal program that provides up to \$4,000 per year to students enrolled in an eligible program and who agree to teach as a high-qualified teacher in a high-need field at a low-income elementary or secondary school for at least four years within eight years of completing the program for which the TEACH Grant was awarded. If the grant recipient fails to complete the required teaching service, the TEACH Grant is converted to a Federal Direct Unsubsidized Loan with interest accruing from the date the grant was disbursed.

GI Bill/Yellow Ribbon Program

The Yellow Ribbon GI Education Enhancement Program (Yellow Ribbon Program) is a provision of the Post-9/11 Veterans Educational Assistance Act of 2008. This program allows institutions of higher learning (degree granting institutions) in the United States to voluntarily enter into an agreement with VA to fund tuition expenses that exceed the highest public in-state undergraduate tuition rate. Sacred Heart University will contribute up to 50% of those expenses and VA will match the same amount as the institution. Only individuals entitled to the maximum benefit rate (based on service requirements) may receive this funding. Therefore, they may be eligible if they served an aggregate period of active duty after September 10, 2001, of at least 36 months; they were honorably discharged from active duty for a service connected disability and they served 30 continuous days after September 10, 2001; they are a dependent eligible for Transfer of Entitlement under the Post-9/11 GI Bill based on a veteran's service under the eligibility criteria listed above. For additional information please visit: http://www.sacredheart.edu/pages/27541_yellow_ribbon_program.cfm

Federal Direct Stafford Loan (Subsidized and Unsubsidized)

The Subsidized Stafford Loan is available to students who demonstrate financial need. The government pays the interest on the loan while the student is in school.

The Unsubsidized Stafford Loan is available to students regardless of financial need (i.e., regardless of family income). Students are responsible for interest payments on the loan while attending college, or they may choose to have the interest capitalized.

Students start repayment of the loan(s) (plus interest) six months after they graduate, withdraw or change to less than half-time status. Repayment of principal and interest is spread over a 10-year period. Undergraduate freshmen may borrow up to \$3,500 per year; sophomores, up to \$4,500 per year; and juniors and seniors, up to \$5,500 per year.

Additional Unsubsidized Stafford Loan limits to undergraduate students has increased by \$2,000 for loans disbursed on or after July 1, 2008. Independent undergraduate students and dependent students whose parents cannot borrow a PLUS Loan can receive an additional \$4,000 for their freshman and sophomore and \$5,000 for their junior and senior years.

Federal Direct Parent Loan for Undergraduate Students (Plus)

PLUS is a loan for parents with good credit histories who have dependent students in school. The federal government requests that a student complete a FAFSA before the parent can receive a Direct Plus Loan. The yearly loan limit is the cost of education minus financial assistance. Parents begin making payments 30 to 60 days after they receive the loan and must make payments of at least \$50 per month. Parents also may take up to 10 years to pay back the loan.

State Programs

Financial assistance programs are available to qualified students from the state of Connecticut, including the Connecticut Independent College Student Grant. Many other states also have scholarship programs for residents of their state. For more information, contact your state's agency for higher education.

Capitol Scholarship Program (CSP)

Connecticut residents who are undergraduate students and who have received an award in the 2010-2011 academic year may be re-awarded. They must complete a FAFSA for the correct award year by April 30th and must have a federal estimated family contribution (EFC) equal to or below the eligible cutoff for the academic year. Students can receive up to \$2,000 per year.

Connecticut Independent College Student Grant (CICSG)

The Connecticut Independent College Student Grant is a need-based grant program available to Connecticut residents enrolled in an undergraduate program at a private college or university in Connecticut.

Connecticut Community Service Program

Undergraduates who are Connecticut residents with financial need work in community service projects in affiliation with the CICSG program noted above.

Financial Assistance Programs

Sacred Heart University's personal approach and strong commitment to financial aid helps our students achieve their educational goals. To provide further access to families as they invest in a Sacred Heart University education, a variety of institutional financial assistance programs have been designed which recognize students' academic and extracurricular achievements as well as the financial needs of our families.

Merit Scholarship Programs

All new students are considered for academic scholarships as part of the admission application review process (a separate scholarship application is not required). Merit scholarships are awarded by the Scholarship Review Committee and are based on the review of each student's high school transcript, class rank and extracurricular achievements. Course selection and overall grade point average are weighed heavily in the review process. Sacred Heart University's Test-Optional Admissions Policy does apply to the review for merit scholarships. However, if candidates feel their test scores provide further evidence of academic ability and potential, they may wish to submit them to the Office of Undergraduate Admission. Academic scholarships are renewable for four years (eight semesters) of undergraduate study provided the student is enrolled full time each semester and maintains the cumulative GPA established for each program. Academic scholarships are only awarded at the time of admission, and there should be no expectation that the amount will increase in subsequent years. Scholarships are limited and offered on a first-come, first-served basis; we recommended that students complete their applications for admission by February 1 in order to receive the maximum possible scholarship.

Beginning with the Class of 2016 (Fall 2012 entry), the merit scholarship categories include the following: President's Excellence Award, Trustee Scholarship, and College Scholarship ranging from \$5,000 to \$18,000.

Students who are accepted into the Honors Program are eligible to receive an additional Thomas More Honors Scholarship of \$2,000.

Students transferring to Sacred Heart University may be eligible for academic scholarships based on academic achievements at their previous post-secondary institutions. Programs include: Phi Theta Kappa, Transfer Achievement

Award, and Connecticut Community College Scholarship.

Note: Scholarship programs and criteria are subject to change.

Activity-Based Programs

Sacred Heart University offers activity-based grant and scholarship programs for full-time undergraduate students who participate in various student life programs on campus. Awards are based on level of activity and participation, and include programs such as Intercollegiate Athletics, Community Service, Pioneer Bands, University Choir, Theatre Arts, Catholic Social Thought Scholars, Student Leadership, Undergraduate Research Assistants, Classroom Learning Assistants (CLA), Resident Assistants (RA) and others. Award ranges vary and annual renewal of these grants requires continued participation in the grant-awarding program.

Need-Based Programs

In our continued effort to assist families in their educational investment, Sacred Heart University offers need-based grants that provide students with affordability and access, through the Sacred Heart University Grant-In-Aid, Bishop Curtis Award and Pioneer Grant programs. Consistent with our historical mission, the University has maintained its commitment to the surrounding area by offering the following:

Endowed Scholarships

Endowed scholarships established by private organizations, corporations and individuals are offered in varying amounts to academically worthy students. At the time of publication of this catalog, the scholarships described therein were available. Awards are made at the discretion of the University as funds are available.

THE GEORGE I. ALDEN TRUST ENDOWED SCHOLARSHIP

A scholarship program for full-time undergraduate students who are economically-disadvantaged, who have academic promise, who possess certain characteristics known to correlate with success at Sacred Heart University, and for whom this University can "open doors." Indicators for success at the University include such factors as academic performance in high school, extracurricular activities, leader-ship qualities, and the ability to engage in University activities (e.g. through athletics, community service, or other student activities). This endowed scholarship program was made possible by the generous support of the George I. Alden Trust.

JULIUS ANDRASI MEMORIAL SCHOLARSHIP

Preference is given to students interested in the theatrical field or related fields of writing and media studies. The award was established in honor of Julius Andrasi, a deceased member of the class of 1969.

DOROTHY I. ANGER SCHOLARSHIP

Dorothy Anger, deceased director of alumni relations and student activities, founded the Gold Key Club, an organization whose members represent the University at its events.

MICHAEL ARNOLD MEMORIAL SCHOLARSHIP

Established in 1994 in memory of Michael Arnold, deceased director of the Stamford Campus at Sacred Heart University, this award assists Bridgeport students who are pursuing pre-med or nursing studies.

JOHN T. BALAMACI MEMORIAL SCHOLARSHIP

Established in 1972 in honor of John T. Balamaci, an English major who died in his third year at Sacred Heart University,

this award is given to a full-time student with a minimum 3.0 GPA and upon recommendation by an instructor.

DR. DANIEL T. BANKS SCHOLARSHIP

This award is given to a deserving student majoring in science. The recipient must have a minimum GPA of 3.0. Preference is given to students interested in a career in medicine. Dr. Banks was a prominent Bridgeport physician.

ARTHUR J. BRISETTE MEMORIAL SCHOLARSHIP

This scholarship, in memory of a deceased member of the University community, is available to undergraduates majoring in accounting or business. It is based on the student's academic excellence or financial need.

JOHN W. BROOKES MEMORIAL SCHOLARSHIP

This is an award for any student who demonstrates academic excellence and financial need. The scholarship was established in the memory of Dr. John W. Brookes, a member of the math and computer science faculty at Sacred Heart University.

THE BROWNING FAMILY SCHOLARSHIP

This scholarship was established by James Browning and his family in memory of his brother Scott Browning and their parents, George and Judy Browning. Preference is given to a full-time undergraduate student majoring in computer science and/or a qualified incoming freshman from Notre Dame High School in Fairfield, Connecticut, or another Catholic high school in the Diocese of Bridgeport. Candidates may be full-time students experiencing hardship.

BULLARD SCHOLARSHIP

This scholarship, established by the Bullard Company, is given to a full-time business major.

LOU CERMINARA MEMORIAL ENDOWED SCHOLARSHIP

Established in 2002 by the family of Lou Cerminara, deceased member of the University's Public Safety staff, this scholarship benefits "solid" students exhibiting the potential to excel. Recipients will demonstrate community service and/or student life involvement. Preference is given to, but not limited to, candidates who are Criminal Justice majors. Preference is given to, but not limited to, candidates of Italian-American heritage. Candidates must be Connecticut residents who have financial need or special circumstances.

PHILIP AND ANNE CERNERA ENDOWED SCHOLARSHIP FUND

This scholarship, established in 1998 by former University President Dr. Anthony J. Cernera to honor his parents, Philip and Anne Cernera, will provide assistance to academically qualified, financially needy students who are active in the Campus Ministry Program.

THE RUTH AND ANTHONY CERNERA SCHOLARSHIP

This scholarship honors Dr. and Mrs. Cernera and is endowed by Michael C. Dailey '75, University alumnus and former member of the University's Board of Trustees. The objective is to identify full-time undergraduate students who are economically disadvantaged, who have academic promise, who possess certain characteristics known to correlate with success at Sacred Heart University, and for whom the University can "open doors." Awards are made from the yield of the fund according to the University spending policy.

CLASS OF 1994 ENDOWMENT

This scholarship, founded by the senior class of 1994, is designed to recognize a student entering his or her senior year who has made contributions through community service.

THE EVELYN M. CONLEY SCHOLARSHIP FUND FOR THE STUDY OF LAW

This award, made annually, provides one scholarship to a student (full-time or part-time) in his or her senior year at Sacred Heart University, who has applied to and has been accepted at a law school. The award is based solely on academic achievement. Financial consideration will only be applied if more than one qualified candidate exists. This award, founded to honor the memory of Evelyn Conley, wife of former University President William Conley, was established by Mrs. Karin Douglas '84.

MARY M. DONAHUE SCHOLARSHIP

This award, established by Donald J. Donahue in memory of his wife, supports deserving minority students.

CHARLES T. EBY MEMORIAL SCHOLARSHIP

This award, given to a full-time history major entering senior year, requires high academic standing. The scholarship is in memory of Charles T. Eby, an associate professor of history at the time of his death.

DOUGLAS EDWARDS MEMORIAL SCHOLARSHIP

Established in memory of renowned newscaster Douglas Edwards, this scholarship is awarded to students majoring in media studies or broadcast journalism.

JONATHAN T. EVANISH SCHOLARSHIP

This scholarship provides support for a deserving nursing student.

ISABELLE T. FARRINGTON ENDOWED SCHOLARSHIPS

Established in 2002 by Mrs. Isabelle Farrington, this scholarship is available to a student in the junior or senior class who, during the previous year, demonstrated (1) superior academic performance and potential by ranking in the top 10 percent of his or her class, and (2) a sincere interest in, and practice of, the principles of citizenship and religion for which Sacred Heart University has been established as a Catholic university.

BABU GEORGE ENDOWED SCHOLARSHIP

A scholarship program for full-time undergraduate Chemistry majors, in memory of Professor of Chemistry, Dr. Babu George, who was a long-time faculty member and Chair of the Chemistry Department.

JULIA SUGRUE GORMAN MEMORIAL SCHOLARSHIP

Established in 2002 by the generosity of alumnae Maureen Gorman '68 and Kathleen Gorman Crapanzano '68 in honor of their mother, the scholarship assists students with a solid academic record who demonstrate community service and/or student-life involvement.

GARY HANNA MEMORIAL SCHOLARSHIP

Established in 2001, this scholarship memorializes Gary Hanna, deceased member of the class of 1974. It will benefit entering freshmen from Westhill High School in Stamford showing a high school senior year GPA of at least 3.0.

Preference is given to candidates of Lebanese or Lebanese-American descent. Candidates must be from a Christian background.

ALEXANDER HAWLEY MEMORIAL SCHOLARSHIP

This award is made in memory of Alexander Hawley, a long-time Trustee and honorary degree recipient at Sacred Heart University.

WILLIAM RANDOLPH HEARST ENDOWED SCHOLARSHIP

A scholarship program for full-time undergraduate students with need. Its purpose is to help economically-disadvantaged, underserved students to gain access to a quality education. This endowed scholarship program was made possible by the generous support of the William Randolph Hearst Foundation.

ERIC HERNANDEZ '05 MEMORIAL SCHOLARSHIP

Established in 2006 by his family, friends and teammates, this scholarship honors Eric Hernandez '05, deceased alumnus and former member of the University's football team. It will be given to a qualified member of the football team who, as a student-athlete, has demonstrated Eric's qualities of sportsmanship, leadership and love of the game of football. Eric Hernandez was a member of the 2001 1-AA Mid-Major National Champions team that completed an undefeated 11-0 season. He went on to star on the New York Police Department Football Team.

JAMES JOY SCHOLARSHIP

Established through the estate of James Joy, this award is made to a deserving student with financial need.

JAMES RIVER CORPORATION SCHOLARSHIP

Established by the James River Corporation of Norwalk, this award assists minority students. John Katona Memorial Scholarship

This scholarship was established in memory of John "Chubby" Katona, a former employee of the University.

JOHN KATONA MEMORIAL SCHOLARSHIP

This scholarship was established in memory of John "Chubby" Katona, a former employee of the University.

KEATING FAMILY SCHOLARSHIP

Established by the estate of Loretta M. Keating of Bridgeport, this scholarship is awarded to deserving students with financial need.

JOHN J. AND STELLA M. KRAIESKI MEMORIAL SCHOLARSHIP

Awarded to an academically talented student, the scholarship was established by an estate gift of John Kraieski.

THE KREITLER FOUNDATION SCHOLARSHIP

Founded to honor the Kreitler Foundation, the recipients of this award are selected from entering freshmen graduating from Central, Bassick or Harding High Schools in the city of Bridgeport and who will matriculate. They must be full-time students, demonstrate academic ability and be experiencing financial hardship.

LABORER'S LOCAL 665 SCHOLARSHIP

Founded by Laborer's Local 665 in Bridgeport, Connecticut, this scholarship is given to full-time undergraduate students at Sacred Heart University who are members of Local 665 and/or the sons or daughters of members.

DOROTHY P. LANSDALE SCHOLARSHIP

This award is given to a nursing student who demonstrates outstanding academic and professional abilities.

STEPHEN AND MARY MARCINKO FUND

Established by an estate gift in 2002, this fund will benefit Slovak American or native Slovak students at Sacred Heart University showing the highest standard in scholarship

and leadership

LA FLOR SILVESTRE: THE M. THERESA MARTINEZ ENDOWED SCHOLARSHIP

To recognize and honor deceased alumna M. Theresa Martinez's commitment to making a difference in the lives of others. The recipient must be Hispanic female, must maintain at least a 3.0 GPA, shall major in the Arts & Sciences, Education or Health Professions. Shall engage in meaningful community service. Must show financial need and will receive a letter of recommendation by the Committee formed to represent the donors to the fund and family of M. Theresa Martinez.

MECHANICS & FARMERS SCHOLARSHIP

Established in 1971, this scholarship is awarded to an academically talented full-time student.

LUCY MEDAGLIA MEMORIAL SCHOLARSHIP

This scholarship, established by former University President Anthony J. Cernera in memory of his grandmother, supports students preparing to be teachers.

THOMAS P. MELADY LEADERSHIP AWARD

Established in honor of Thomas P. Melady, fifth president of Sacred Heart University, this award is given to full-time students through the Presidential Internship Program. Recipients must demonstrate leadership, academic potential and community involvement.

HAROLD AND ANN MILLER SCHOLARSHIP

Established in 1988 by Harold and Ann Miller, this award is given to adult undergraduate, part-time students who have completed at least two semesters at the University and have demonstrated financial need.

NEAR AND FAR AID ASSOCIATION SCHOLARSHIP

Established by the Near and Far Aid Association, this scholarship supports a full-time female student with a cumulative average of 3.0. Instructor's recommendation and demonstrated financial need are necessary for consideration of award.

SANDRA LYNN NOBILI MEMORIAL SCHOLARSHIP

This award is given to a Catholic student entering senior year and planning a career in elementary education. Selected by members of the Education Department, the recipient must have a cumulative average of 3.0 or better.

THE OAKLAWN FOUNDATION ENDOWED SCHOLARSHIP

A scholarship program for full-time undergraduate students who have a demonstrated record of and commitment to community service. This endowed scholarship program was made possible by the generous support of the Oaklawn Foundation.

WILLIAM P. O'BOY FAMILY SCHOLARSHIP

This scholarship is given to a deserving student with financial need. Preference is given to students from the Danbury-Bethel area.

DR. MARGARET PALLISER ENDOWMENT FOR PHYSICAL THERAPY

This endowment was established in 2001 by Mrs. Karin Douglas '84 to fund Physical Therapy Scholarships and Special Projects. The fund has been set up to honor Dr. Margaret Palliser, former University Assistant Vice President for Mission.

THE MICHAEL J. PASSARIELLO SCHOLARSHIP

Recipients of this scholarship, given by Mrs. Ann Passariello in memory of her son Michael, a member of Sacred Heart University's alumni, are selected through demonstrated past performance showing that they are capable of succeeding at the University. Preference is given to qualified parishioners of Holy Infant Church in Orange, Connecticut, or residents of the town of Orange.

ROBERT M. PAUL SCHOLARSHIP

Recipients of this scholarship, given by Mr. and Mrs. William H. Paul of Trumbull in memory of their son, Robert, are selected on scholastic achievement and demonstrated financial need. Candidates must be full-time undergraduate students, Diocese of Bridgeport Catholic High School graduates and/or experiencing hardship.

THE ELIZABETH M. PFRIEM SCHOLARSHIP

Mrs. Elizabeth M. Pfriem of Southport has established this scholarship to benefit qualified students from the inner-city schools of Bridgeport, Connecticut.

BETTE PINDER MEMORIAL SCHOLARSHIP

This award, in memory of former staff member Bette Pinder, is given to an incoming freshman from the greater Bridgeport area who demonstrates financial need.

CHARLES PLOHN ART SCHOLARSHIP

Established in memory of Charles Plohn, this award is given to an art major above the freshman level who has completed a minimum of 12 credit hours of art studio courses and has a GPA of 3.0 or better.

POLISH STUDIES SCHOLARSHIP AWARDS

These awards are made to students who have studied Polish for at least one semester and are continuing their studies in this area.

Recipients must have a grade of B or better.

WILLIAM V. ROBERTI SCHOLARSHIP

Established by the Tom James Company in honor of William V. Roberti, a former University Trustee, this scholarship is given to children and grandchildren of employees of the Tom James Company and its subsidiaries and the Southwestern Company.

JEANNETTE ROHN SCHOLARSHIP

Established in 1988 by Jeannette Rohn, this award is given to an outstanding student majoring in finance with great financial need.

JOHN RYCENGA SCHOLARSHIP

Named in memory of John Rycenga, the University's first chairman of the English Department, this award is given to an English major entering their senior year. The recipient must demonstrate academic excellence with a GPA of 3.4 or better, and an exemplary character. English Department faculty select qualified recipients.

LEONARD A. SCHINE MEMORIAL SCHOLARSHIP

Established in 1982 in memory of Leonard A. Schine, a former University Trustee, this annual award is given to a full-time senior with superior grades in need of financial assistance.

ROBERT SENDAR SCHOLARSHIP

This scholarship was established by the family of Robert M. Sendar in his memory. Robert was a student at Sacred Heart University majoring in chemistry. The recipient, chosen by a team of three Chemistry Department faculty members, must be a chemistry major at the second-year level or higher who has demonstrated academic achievement and financial need.

SNET SCHOLARSHIP

Awarded to deserving students.

CARMEN TORTORA SCHOLARSHIP

Awarded to a deserving nursing student.

GEORGE JOSEPH VOYNICK SCHOLARSHIP

This scholarship, established by Irene M. Voynick and her family in memory of her father, is awarded to a deserving full-time student, majoring in the basic sciences and maintaining a B average or better.

THE JILL WRIGHT SCHOLARSHIP

This scholarship, bequeathed to the University through the trust of William R. Wright to honor the memory of Jill Wright, his deceased wife, benefits a qualified graduating senior at Central High School who will matriculate as part of Sacred Heart University's entering Freshman class.



UNIVERSITY LIFE

A complete college education extends beyond the walls of the classroom and outside the pages of the textbook. Sacred Heart University's Student Life, Intercollegiate Athletics and Career Development departments are committed to the holistic growth of students through both co-curricular and extracurricular programming. The University's goal is to provide the support services and life skills that will help students succeed in the classroom as well as in their pursuits after graduation.

Bookstore

The newly renovated bookstore is located on the first floor of the new Linda E. McMahon Commons building. Operated by Follett College Stores, it offers textbooks, supplies, clothing with the University's name and logo and related items. Bookstore purchases can be made online. Visit the bookstore's web site at www.sacredheart.edu/campuslife/bookstore.

Campus Ministry

The Office of Campus Ministry provides opportunities for persons of all religious traditions to share in the faith life of the University community. Campus Ministry serves students, faculty, staff and the local community through daily liturgies, pastoral counseling, community outreach, educational programming, special projects, retreats, events and programs.

Campus Ministry responds to student needs for worship, integration, social interaction, meaningful discussion of life issues, responsible social action for justice, and exploration of moral, religious and relational issues.

The Eucharist is celebrated on Sundays and weekdays during the academic year. In addition, University-wide liturgical

celebrations mark special days and seasons. Other interfaith worship and prayer opportunities are provided regularly.

The Career Development and Placement Center

The Career Development and Placement Center provides unlimited guidance and preparation to students from freshman year until graduation four years later and throughout their lives as alumni. Career Development programs and services include:

- Major in Success program assists students in gaining self-knowledge, selecting a major, and researching compatible career options;
- Career testing including the Strong Interest Inventory, and the Myers-Briggs Personality Type Indicator (MBTI);
- Assistance finding paid and unpaid internships for which students may be able to earn academic credit;
- One-on-one career counseling for career-related issues;
- Help finding part-time and summer employment;
- Resumé writing and interviewing skills workshops;
- Career panel discussions, networking and etiquette events, employer on-campus interviewing, and job fairs;
- Online job postings: the office maintains an online job bank and job search management web site exclusively for Sacred Heart University students.
- Guidance in conducting a senior-year job search for a full-time position after graduation; and planning for and researching graduate school options.

The Career Development and Placement Center is located in the Linda E. McMahon Commons building and can be reached by phone at 203-371-7975 or via e-mail at careerdev@sacredheart.edu.

Commuter Students

The University is committed to providing commuter students a comprehensive college experience—keeping in mind the special needs and concerns of commuter students. Commuter students are encouraged to participate in Commuter Student Roundtable discussions and become part of Commuter Assistants, a peer-matching program.

Commuter students are also urged to join the Commuter Connections, a student-run organization dedicated to providing programs and services for commuters.

The Commuter Life Office is part of the University's Student Life Department and can be reached at 203-371-7956.

Dining Services

The University has contracted with Chartwell's, a professional food service corporation, to provide meals for students. The Dining Service Director works closely with students and staff to ensure the dining needs of the University community are met.

The University's meal plan is a hybrid declining balance "all you can eat" program. Prepaid plans are available to resident, commuter, faculty, or staff members. Points in this program can be used for many purchases, ranging from entrees to snacks and ice cream to grocery items to convenience items such as toiletries and necessities.

All first-year residents are required to be on a "Big Red" meal plan. All other students are required to be on a meal plan, a level which is determined by their resident hall. Information concerning the meal plans is available through the Student Life Office.

Points may also be used in Outtakes (a convenience-style store), Coyote Jack's Grill (Roncalli Hall), Holy Grounds Café featuring Mondo Subs located in the Christian Witness Commons, and the Cambridge Café located

in the College of Education and Health Professions on Cambridge Drive, Trumbull, and at all home football and basketball games.

Health Insurance

All full-time students must show proof of health insurance coverage or else enroll in the University's Health Insurance Plan at www.kosterweb.com. Undergraduate students who attend at least half-time (six credits per term) are eligible to enroll in the University's student health insurance program. All international students are required to participate in the insurance program. Information regarding specific coverage under student health insurance should be directed to the Health Services Office at 203-371-7838 or online at www.kosterins.com.

Wellness Center

COUNSELING SERVICES

The Counseling Center provides support services of a holistic student development nature, and attends to members of the University community who may be experiencing some difficulty in adjusting to emotional wellness issues. The University provides professional counselors who are available weekdays for individual, personal counseling sessions and psychotropic counseling.

Many personal development workshops are offered by the Counseling Center, as well as group topical counseling sessions. For longer-term therapy, the staff makes referrals to local professionals at an individual cost to the student.

For additional information about the Counseling Center, call 203-371-7955.

HEALTH SERVICES

Health Services offers daily first-response

treatment for minor health-related issues. A physician and nurse practitioners are on campus for appointments throughout the week (Monday– Friday) at no cost to students. In September 2008, St. Vincent's Medical Center began serving as the Physician/Medical Director for the Sacred Heart Health Center.

Staffed by registered nurses and open five days per week, Health Services also handles state immunization requirements and University insurance requirements and coordinates health promotion workshops. Health Services can also make referrals to local health care facilities, fill many basic prescriptions on campus, and arrange with a local pharmacy to deliver to campus. For additional information about Health Services, call 203-371-7838.

Students needing medical attention when the Student Health Center is closed can see a physician at St. Vincent Immediate Health Care (urgent care center) 4600 Main Street Bridgeport, CT 203-371-4445 or St. Vincent Medical Center (hospital) 2800 Main Street Bridgeport, CT 203-576-6000

MEASLES IMMUNIZATION LAW

Connecticut law requires students born after December 31, 1956, to provide proof of two doses of measles vaccine administered at least one month apart.

The first dose of vaccine must have been given after the student's first birthday and after January 1, 1969; the second dose must have been given after January 1, 1980. The student is also required to provide proof of one dose of rubella vaccine administered after the student's first birthday. Laboratory evidence (blood test) is acceptable in lieu of administration of vaccine. All students must be in compliance with this state law before registering.

MENINGOCOCCAL VACCINE LAW

Beginning with the 2002–2003 academic

year, the State of Connecticut requires that all students who reside in on-campus halls must be vaccinated against meningitis. Proof of this vaccination must be presented to the appropriate University officials before a student can obtain entry to their resident hall. This new guideline for Connecticut colleges and universities is provided in Public Act 01-93.

For additional information, call the University's Health Services (203-371-7838), or stop by the lower level of the Park Avenue House.

Athletics and Recreation

At Sacred Heart University a comprehensive athletics and recreation program exists for all members of the university community. During the academic year, the following opportunities are available:

Division I Intercollegiate Athletics. The University's 31 NCAA D-I varsity athletic programs are open to all full-time undergraduate students. Eligibility requirements, scholarship availability, team overviews, schedules and player and coaches profiles can be reviewed on the intercollegiate webpage (<http://sacredheartpioneers.cstv.com>).

Intercollegiate Club Sports. The 25 individual and team (single-sex and coed) club sport programs are open to all full-time undergraduate and graduate students. Most of the club sport teams are members of athletic conferences. Unlike varsity athletics, club sports do not offer scholarships, practice and playing seasons are shorter and in some cases less intense than their D-I counterparts. All skill levels are encouraged to participate, and all programs have direct student involvement in the management of their sport. Similar to varsity athletics, each team has a professional head coach and athletic trainer. Additional information about intercollegiate club sports can be reviewed on the club sports webpage (<http://www.sacredheart.edu/clubsports.cfm>).

Recreation and Intramurals. Activities in this area are varied and are offered throughout the academic year. Multiple fitness centers, a dedicated aerobics/dance room, an exceptional weight training facility, and numerous sport leagues such as flag football, basketball, volleyball, softball, etc. (which are organized by residential hall floors, within academic departments or most frequently by friends organizing a team) are all designed to allow members of the university community time to relax, exercise, socialize, compete and enjoy healthy activity to balance out a rigorous academic schedule. Additional information about recreation and intramural sports programming can be reviewed at <http://www.sacredheart.edu/athletics.cfm>.

MEN'S VARSITY ATHLETIC PROGRAMS

Baseball
Basketball
Cross Country
Fencing
Football
Golf
Ice Hockey
Lacrosse
Soccer
Track and Field (Indoor and Outdoor)
Tennis
Volleyball
Wrestling

WOMEN'S VARSITY ATHLETIC PROGRAM

Basketball
Bowling
Cross Country
Equestrian
Fencing
Field Hockey
Golf
Ice Hockey
Lacrosse

Rowing
Soccer
Softball
Swimming
Track and Field (Indoor and Outdoor)
Tennis
Volleyball

International Students

The University provides academic and social support to its growing number of international students. International and Multicultural Affairs is a part of the University's Student Life Department. All international students are encouraged to use the University services to seek assistance for their concerns and to become involved in campus activities. University services include the English as a Second Language (ESL) program, the International Club and Focused international student programming.

INTERNATIONAL STUDENT VISA CERTIFICATION

An international student requesting an application for a student visa (F-1) must be accepted to the University in a full-time program of study. Since federal and/or state financial assistance is not available to international students, the student is also required to present certified evidence of sufficient funding to cover education and living expenses.

If, after attending the University, the student decides not to return, notification must be made in writing to the Office of Student Life. If a student wishes to travel during the authorized time of study at the University, he or she must present a current I-20 form to the Office of Student Life for certification prior to departure.

A student not following the regulations of the U.S. Department of Justice Immigration and Naturalization Service is considered out of status and may be subject to deportation

from the United States.

TTY

203-365-4714

Public Safety and Parking

The Department of Public Safety, located in the Academic Center, is committed to fostering an environment in which all those who live, study, work or visit within the University campus are able to do so in a safe and secure environment. The department is committed to providing professional, timely and efficient public safety services to all of its constituents on a 24-hour-a-day, seven-day-a-week basis.

Public Safety officers patrol the buildings and grounds of the University via vehicle, bicycle and foot. Services provided by the department include personal safety escorts, motor vehicle assistance (unlocks and jump starts) and emergency medical response and treatment, as well as maintaining a lost-and-found department. Public Safety enforces parking and traffic regulations, provides key control and locksmith services and investigates and documents incidents on campus. Public Safety is the emergency response department on campus, and acts as the liaison with the local police, fire and ambulance services.

All vehicles parked on the campus must display a University decal. Parking permits are available from and distributed by the Student Accounts Office located in the SC Wing of the Main Academic Building. For general information, call 203-371-7924. You can also apply online at www.sacredheart.edu/pages/27536_parking.cfm.

DEPARTMENT OF PUBLIC SAFETY TELEPHONE NUMBERS

Routine Business	203-371-7995
EMERGENCIES ONLY	203-371-7911
Fax	203-365-4781
Locksmith	203-365-7645
Snow Phone	203-365-SNOW (7669)

Residential Life and Housing Services

The Office of Residential Life and Housing Services coordinates all University housing options for students. The office staff, hall directors and resident assistants work with students to make the halls a "home away from home" by creating a healthy, living/learning atmosphere. Students have direct input to their living environment through the Residence Hall Associations and the Hall Councils, which address concerns and organize activities for members of the hall community.

The University currently houses students in eight different areas: Angelo Roncalli Hall, Elizabeth Ann Seton Hall, Thomas Merton Hall, Christian Witness Commons, Scholars Commons, Park Ridge Apartments, Taft Commons, and Oakwood Gardens. These varied areas offer distinct residential lifestyles, from traditional high-rise resident halls to on-campus apartments to off-campus apartments.

Student Activities

The Student Activities Office seeks to enhance the college experience outside the classroom by offering both cocurricular and extracurricular opportunities for students. In addition, the Student Activities Office teaches life skills to students through formal training sessions and leadership opportunities.

A vital component of the Department of Student Life, the office is responsible for scheduling, planning and overseeing all student events on campus. The Student Activities Office is a center for information on events, student groups, Student Government and student leadership. The Student Activities Office can be reached at 203-365-

7675.

STUDENT CLUBS AND ORGANIZATIONS

The University encourages students to become involved in student groups as a part of their college experience. Diverse interests are represented on campus by numerous clubs and organizations:

Academic Clubs

Accounting Club
 American Chemical Society
 American Medical Student Association
 Biology Club
 Business Administration Management Club
 Computer Science Club
 Criminal Justice Club
 English Club
 Exercise Science Club
 Fashion Club
 Finance and Economics Club
 Health Science Club
 History Club
 Marketing Club
 Politics & International Studies Club
 Pre-Occupational Therapy Club
 Pre-Physical Therapy Club
 Psychology Club
 Social Work Club
 Sociology Club
 Sport Management Club
 Student Athletic Training Organization
 Student Investment Group
 Student Nurses Association

Academic Honor Societies

Alpha Kappa Delta
 Alpha Phi Sigma
 Alpha Sigma Lambda
 Delta Epsilon Sigma
 Delta Mu Delta

Kappa Kappa Psi (band fraternity)

Lambda Epsilon Chi

Phi Eta Sigma

Phi Alpha Theta

Phi Sigma Alpha

Phi Sigma Iota

Psi Chi

Sigma Tau Delta

Sigma Theta Tau

Theta Alpha Kappa

Greek Honor Society

Greek Life Fraternities*National*

Delta Tau Delta

Kappa Sigma

Pi Kappa Phi

Local

Omega Phi Kappa

Greek Life Sororities*National*

Alpha Delta Pi

Chi Omega

Zeta Tau Alpha

Kappa Delta

Omega Phi Beta

Phi Sigma Sigma

Theta Phi Alpha

Local

Kappa Phi

Intramurals

Aerobics

Baseball

Basketball

Bowling

Dodge Ball

Flag Football

Floor Hockey
 Golf
 Martial Arts
 Soccer
 Softball
 Tennis
 Volleyball
 Wiffleball

Media Organizations

SHU Box Multimedia
 Pioneer Magazine
 Prologue (yearbook)
 Spectrum (newspaper)
 The Pulse (TV News Magazine)
 WHRT (radio station)

Multicultural Organizations

Celtic Club
 Gay Straight Alliance
 Italian Club
 La Hispanidad
 UMOJA

Performing Arts

Pioneer Bands
 Marching Band
 Pep Band
 Concert Band
 String Ensemble
 Jazz Band
 Winter Guard
 Choir
 Liturgical Choir
 Concert Choir
 Four Heart Harmony
 SHU Love - Women's Ensemble
 Theatre Arts Program (TAP)

Recreational Groups

American Sign Language Club

Anime Club
 Ballroom Dance Club
 Chess Club
 College Democrats
 College Republicans
 Heart Attack (spirit club)
 Kappa Kappa Psi (band fraternity)
 Martial Arts Club
 SHU F.O.R.C.E (dance ensemble)
 Students Today, Alumni Tomorrow

Service Clubs/Organizations

Active Minds
 Are You Autism Aware?
 Best Buddies
 Habitat for Humanity
 ONE Campaign
 Peace by Justice
 Rotaract Club

Residential Life/Commuter Life Clubs

Hall Councils
 Resident Hall Association

STUDENT GOVERNMENT

The Student Government is the parent organization to all student groups on campus. It is composed of

Class Officers
 Council of Clubs and Organizations
 Executive Board
 Student Events Team (SET)
 Student Senate
 Student Government Class Boards

Student Government's primary purpose is to oversee student groups, sponsor events to meet the needs of the students and to address concerns of the student body.

CLUB SPORTS

Men's Club Sports

Baseball
Basketball
Bowling
Ice Hockey
Lacrosse
Rugby
Soccer
Volleyball

Women's Club Sports

Basketball
Field Hockey
Ice Hockey
Lacrosse
Rugby
Soccer
Softball
Volleyball

Co-Ed Club Sports

Dance Team
Figure Skating
Golf
Gymnastics
Running
Sailing
Tennis
Ultimate Frisbee
Weightlifting

STUDENT UNION

Another area in the Department of Student Life is the Student Union Office. Many of the nonacademic services provided by the University are facilitated by the Student Union, including:

Class ring sales
Game Room (Hawley Lounge)
One-Card program
Outpost Pub

Room/Facilities Reservations

Shuttle Service
Student Handbook
Student ID cards
Vending Services

The Student Union Office can be reached at 203-365-7663.

Every student (full-time and part-time) is responsible for being aware of the policies and procedures of Sacred Heart University as outlined on the Student Handbook web link (www.sacredheart.edu/pages/3911_student_handbook.cfm). All students will be held accountable for their actions and subsequent consequences with regard to these policies and may be subject to any judicial action as detailed in the Student Handbook.

UNIVERSITY FACILITIES AND COMMUNITY RESOURCES

University Facilities

Sacred Heart University currently has 19 buildings on its 56-acre campus and adjoining properties in the northeast corner of Fairfield, Connecticut. The William H. Pitt Health and Recreation Center opened in September 1997, Chapel in 2009 and the Linda E. McMahon Student Commons in 2012, as did significant enhancements of the main academic facilities. Plans also call for further improvements of the library, a new classroom building, a parking garage and other improvements.

ACADEMIC CENTER

The Academic Center contains most classrooms and faculty, administrative and academic departmental offices. The Academic Center is divided into four wings: Science Center, Humanities Center, Student Union, and University Commons.

The Science Center includes offices of the Dean and Assistant Dean of Arts and Sciences, Registrar, Student Accounts, and Academic Advising. Also included are the faculty offices for Biology, Chemistry and Mathematics. The Science Center houses many state-of-the-art classrooms and the biology, chemistry, and physics laboratories.

The Humanities Center includes the Academic and Administrative Computing Center, Bookstore, and Faculty Lounge. Also included are the faculty offices for Criminal Justice, Computer Science and Information Technology, English, English as a Second Language, Modern Foreign Language, Psychology and Social Work. The Humanities Center also includes multiple classrooms and computer labs.

The Student Union area includes the offices for Campus Ministry, Music, Public Safety, Student Affairs and Student Government, as

well as the Pioneer Dining Halls, Mahogany Room, Gallery of Contemporary Art, Hawley Lounge, mailroom/print shop and the Edgerton Center for the Performing Arts.

University Commons includes offices for public safety, the neuroscience lab, classrooms, a multipurpose assembly room, the Mail and Copy Center, and Campus Operations.

CAMBRIDGE DRIVE, THE COLLEGE OF HEALTH PROFESSIONS

The faculty offices and many of the instructional spaces of the College of Health Professions are located at Cambridge Drive, a short drive or shuttle ride from the Park Avenue campus. This newly created, 52,000-square-foot facility houses state-of-the-art labs, classrooms, and library facilities for the Colleges, which includes the departments of Nursing, Physical Therapy and Human Movement, and Occupational Therapy and Speech Language Pathology. All graduate study for the Colleges and many laboratory and didactic undergraduate courses are scheduled in this facility. In addition to the highly sophisticated classrooms, laboratories, and library spaces, there are new dining facilities, a physical therapy clinic, a reading clinic, and administrative and faculty offices. There is ample parking and the facility is served by a regular university shuttle service.

CAMPUS FIELD

Campus Field is the home of the Pioneer football, men's and women's soccer, field hockey, men's and women's lacrosse, and men's and women's outdoor track and field. Renovated in 2008, Campus Field features lights and a \$1.2 million state-of-the-art SprintTurf synthetic-surface, multipurpose field. The field is surrounded by an eight-lane synthetic-surface running track available for competition and recreational use. With a seating capacity of 3,500, Campus Field is an ideal location for large-scale events and has been host to athletic tournaments,

graduations and outdoor fairs. Adjacent to Campus Field are six new state-of-the-art tennis courts, a project completed in the Spring of 2007. Rounding out the outdoor athletic facilities is the Pioneer Park softball stadium, most recently upgraded in 2012

CHAPEL OF THE HOLY SPIRIT

The Chapel of the Holy Spirit, which was dedicated in August 2009, is a pivotal campus landmark serving as a powerful symbol of Sacred Heart's Catholic identity. It holds more than 500 in its principal sanctuary with a smaller Chapel of the Nativity for daily Mass and private prayer that seats 50. Among the Chapel's special features are original mosaics and stained glass by the world-famous Jesuit artist, Father Marko Ivan Rupnik and a tracker organ designed and manufactured especially for Sacred Heart University by master craftsmen at Casavant Frères. There are outdoor gardens and a spacious narthex – or foyer – suitable for public gatherings. The building and grounds are designed to suggest one of the defining themes of the Second Vatican Council: the Church as the Pilgrim People of God. The Chapel roof consists of copper folds in the manner of a nomadic tent, for example, and the narthex has walls of glass to demonstrate the intersection between daily life and the life of prayer. The Chapel's bell tower holds four unique bronze bells, hand-cast in the Netherlands. The largest one weighs 1,500 pounds and measures 41 inches in diameter; the smallest weighs 447 pounds and is 27 inches in diameter.

CURTIS HALL

Curtis Hall, named for the University's founder, Most Reverend Walter W. Curtis, D.D., Bishop of the Diocese of Bridgeport, houses the offices of Undergraduate, Graduate Admissions, and Student Financial Assistance. The Curtis Theatre also is located in Curtis Hall.

ELITE BUILDING

Located off campus in neighboring Trumbull, Connecticut, the building at 2285 Reservoir Avenue houses the office of the Senior Vice President for Finance and Administration; office of Facilities Management and Construction; Center of Christian-Jewish Understanding; office of the Vice President for Human Resources and the department of Human Resources.

JANDRISEVITS LEARNING CENTER (JLC)

The Jandrisevits Learning Center is located in the lower level of the Ryan-Matura Library. The JLC provides specialized tutoring for students with learning disabilities (LDs) as well as for students who are linguistically diverse (ESL). Staffed by highly experienced faculty tutors and well-trained peer tutors, the JLC provides a warm, friendly learning environment where the academic success of individual students is the primary concern. An adaptive technology lab is available for students with visual, auditory, physical, or learning disabilities. For an appointment, call all 203-371-7820, or come to the Jandrisevits Learning Center.

LIEBERMAN ADMINISTRATION BUILDING

The Lieberman Administration Building houses the office of the President; offices of the Provost and Vice President for Academic Affairs; offices of the Vice President for Mission and Catholic Identity and offices of University College; the Media Studies Center; faculty offices for the departments of Government and Politics, History, Media Studies and Digital Culture, Philosophy and Religious Studies, and Sociology.

LINDA E. MCMAHON COMMONS

The 46,000-square foot Linda E. McMahon Commons serves as a crossroads and popular destination for students and the entire Sacred Heart community. Linking the University's academic, spiritual and extracurricular cores, as well as its upper and

lower campuses, the distinctive V-shaped building includes the bookstore, a servery adjoining a 250-seat student dining hall, a private dining room with hearth and seating for 50 individuals, informal lounge spaces including a fireplace lounge overlooking the east entry terrace, a concourse connecting active spaces within the building, a presentation room, the career counseling center and Red's Pub. The exterior of the building incorporates outdoor terraces that also serve as gathering space for students and faculty.

OAKVIEW DRIVE, THE ISABELLE FARRINGTON COLLEGE OF EDUCATION

Located off campus in neighboring Trumbull, Connecticut, the building at 101 Oakview Drive houses the Isabelle Farrington College of Education, office of the Vice President for Finance and Administration, the Business Office, , Motion Analysis Laboratory, Art Department and faculty offices, administrative offices of WSHU Radio, and Payroll.

PARK AVENUE HOUSE

The Wellness Center, which includes Personal Counseling Services and Health Services, is located in the Park Avenue House at the southeast corner of the campus.

THE WILLIAM H. PITT HEALTH AND RECREATION CENTER

The William H. Pitt Health and Recreation Center is home to the Pioneer 31 Division I men's and women's programs, as well as many intramural and recreational programs. The three-level, 141,000-square-foot complex features four multipurpose basketball courts, which can be easily converted for indoor tennis or convention use, and seats 2,100 for basketball. The facility has undergone extensive renovation and equipment upgrades.

The Health and Fitness Center is located on the lower level of the Pitt Center. Offering a

wide range of fitness equipment and classes, the 5,000 square foot facility features an enclosed aerobics studio and main fitness area, where the latest generation of cardiovascular exercise machines and free weight equipment can be used. Locker rooms for both the Pioneer athletic teams and Health and Fitness Center members are adjacent to the fitness area. The upper level of the Pitt Center houses the Department of Athletics suite of offices and the Board Room, which serves as a meeting/reception room for the Board of Trustees and other on-campus organizations.

RESIDENCE HALLS

The University currently houses students in eight different facilities: Angelo Roncalli Hall, Elizabeth Ann Seton Hall, Thomas Merton Hall, Christian Witness Commons, Scholars Commons, Park Ridge Apartments, Oakwood Apartments and Taft Commons. These offer distinct residential lifestyles, from traditional high-rise resident halls to on-campus apartments to off-campus apartments.

RYAN MATURA LIBRARY

The Ryan Matura Library is the source for information, whether it is the answer to a factual question or research for a term paper. Librarians are available to answer questions and assist students with extended research projects. Instruction sessions are conducted for class groups to familiarize them with the library, with subject-specific research, and the research process. Librarians also assist students with finding information in other libraries, in commercial databases, or on the Internet.

Periodicals and periodical indexes, including newspapers are found in print, film and electronic format. Any book or periodical not found in the library can be obtained from another library through interlibrary loan. Materials can usually be obtained within 10 days.

At present the Ryan-Matura Library holds

approximately 125,000 print volumes and 50,000 nonprint items and more than 15,000 periodical subscriptions. These include a significant number of full-text journals available on more than 50 online index and abstracting databases. These can be reached 24 hours a day/7 days a week from links on the library home page. Databases are available from campus and home.

The library's website is located at <http://library.sacredheart.edu>. It provides access to the library catalog, information about the library, electronic reserve reading, links to research databases and other related information.

The library building also houses the Jandrisevits Learning Center.

SCHINE AUDITORIUM

The Schine Auditorium, located in the lower level of the Ryan-Matura Library, provides an appropriate setting for lectures, workshops, academic convocations and other special programs. To reserve the 220-seat auditorium, call 203-371-7846 between 8:30am and noon, Monday through Friday.

Community Resources

CENTER FOR CHRISTIAN-JEWISH UNDERSTANDING (CCJU)

The CCJU, an educational and research division of Sacred Heart University, is located in the Elite Building. The center draws together clergy, laity, scholars, theologians and educators in various modes of interaction to focus on current religious thinking within Christianity and Judaism.

As each tradition reevaluates attitudes toward the other, the center fosters the exploration of the major philosophical and theological issues on the frontier of the Christian-Jewish dialogue, as these are formulated by scholars at the international and national levels.

The center's mission is to develop programs and publications to overcome deep-seated antagonisms, based on centuries of hostility and mutual estrangement, that recent progress has not yet healed. It fosters greater knowledge and understanding of the religious traditions of Christianity and Judaism and the history of their relationship, and provides a forum for dialogue. It promotes independent research and serves as a vehicle for processing and circulating its findings to appropriate institutions around the world.

For further information about the Center for Christian-Jewish Understanding, call 203-365-4809 or visit its website at www.ccju.org.

CENTER FOR STRATEGIC PLANNING FOR NOT-FOR-PROFIT ORGANIZATIONS

The Center for Strategic Planning for Not-For-Profit Organizations was established by Sacred Heart University within the John F. Welch College of Business to provide business assistance to qualified groups.

Through the application of skills developed during their studies, teams of MBA students, under the guidance of an experienced advisor, address strategic issues central to the client's longer term viability and effectiveness. In doing so, students provide a valuable service while being exposed to "realities of life" that transcend the formal academic environment.

It is the mission of the Center to engender in the University's MBA students a sense of community and an appreciation for those less fortunate by providing them a unique opportunity to give of their talents in the service of others. Functioning as teams, students will assist not-for-profit organizations with the development and implementation of strategic, business, and marketing plans necessary to meet their goals and objectives. In doing so, students will apply the skills learned in the SHU MBA program in a cooperative effort carried out in

the spirit of the Catholic intellectual tradition to produce an outcome worthy of a grade.

The mission of the Center is directly aligned with, and in support of, key elements of the mission of Sacred Heart University and the John F. Welch College of Business. The Center's office is located at on Oakview campus. For further information call, 203-371-7853.

EDGERTON CENTER FOR THE PERFORMING ARTS

Since its opening in 1986, the Edgerton Center for the Performing Arts has presented the Fairfield County community with professional-quality theatrical, musical, and dance performances that are both accessible and affordable. Located on the main campus, the center, with a house that seats 776+, has been host to more than 52,000 patrons from over 29 towns since its opening.

In 2005, the Edgerton embarked on a partnership with Connecticut Family Theatre to establish the center as Connecticut's only professional family theatre. Now offering year-round productions, the Edgerton Center for the Performing Arts features programming designed to complement the educational development and cultural experience of local youth. In addition to offering year-round professional theatre for families, the Edgerton Center also features programming for a variety of audiences.

In addition to offering professional productions to the community, the Edgerton Center for the Performing Arts provides a venue through which Sacred Heart University's students and faculty can express their artistic voice. The Edgerton Center is host to productions from a variety of University organizations including the Concert Choir, Concert Band, Jazz Ensemble, and the SHU Players.

Thanks to the contributions of Charles and Freda Edgerton, the Edgerton Center for the Performing Arts is a center for all seasons.

The theatre is fully renovated and air conditioned, permitting it to remain available to students, faculty, and the community for a wide variety of artistic endeavors.

For all questions and ticketing information, call the box office at 203-371-7908, or visit the center at www.edgertoncenter.org.

HERSHER INSTITUTE FOR APPLIED ETHICS

Established in 1993, the Hersher Institute for Applied Ethics serves both the University community and the wider Fairfield County community by addressing issues of major ethical concern. The institute assists Sacred Heart University faculty from all disciplines to raise and examine broad ethical concerns and issues specific to their respective disciplines.

The Hersher Institute brings speakers to campus to address the faculty and provides training for integrating ethical viewpoints into the University curriculum. The institute supports the University's wider mission by cosponsoring, with other departments and institutes, colloquia and conferences that raise important ethical questions for the University scholarly community and the general public. For further information, call 203-3657657.

RADIO STATIONS

WSHU Public Radio is a professionally operated group of public radio stations licensed to Sacred Heart University with studios and control centers located on the Fairfield campus. A full member of (NPR), it is one of only two such stations in Connecticut and 356 in the United States.

WSHU is the principal public radio source for Fairfield and New Haven Counties in Connecticut and Suffolk County, New York. More than 322,400 listeners tune in to the station's blend of award-winning NPR news and talk programs, locally produced classical music, in-depth regional reporting, and unique entertainment.

WSHU utilizes student support in the form of internships, work-study students, and board operators. It also serves as a lab for audio production.

In addition to its original 91.1 FM signal, WSHU operates six other radio stations—WSUF 89.9 FM in Noyack, New York, WSHU 1260 AM in Westport, Connecticut, WQQQ103.3 FM in Sharon, Connecticut, WYBC 1340 AM in New Haven, Connecticut, WNLK 1350 AM in Norwalk, Connecticut, and WSTC 1400 AM in Stamford, Connecticut—and seven translators: 90.1 FM (Stamford, CT), 91.3 FM (Huntington Station, NY), 91.7 FM (Ridge, NY), 93.3 FM (Northford, CT), 103.3 FM (Greenport, NY), 105.7 FM (Selden, NY), and 106.5 FM (Derby, CT).

the comprehensive fitness facilities of the William H. Pitt Health and Recreation Center under the supervision of a Physical Therapy staff member. The clinics are authorized providers for most major medical insurance carriers. For further information, call 203-396-8181.

SPORTS MEDICINE AND REHABILITATION CLINIC

The University operates two physical therapy and hand therapy clinic facilities, one on campus affiliated with the academic program in Physical Therapy, and one in Shelton, Connecticut. The on-campus clinic is located in the William H. Pitt Health and Recreation Center and at the Cambridge Drive facility. The clinics provide physical therapy and hand therapy services to students, employees and the public. Clinic staff includes several members of the Physical Therapy program faculty as well as several staff members who are advanced clinicians in orthopedic, sports physical therapy and hand therapy.

All are licensed physical therapists. The clinics operate five days per week, 12 hours per day. This clinic service is also closely affiliated with the University's athletic training program to serve the rehabilitation needs of our student-athletes.

The clinical facility features the latest technological equipment in isokinetic testing with a new Biodex II system, a full range of orthopedic and sports physical therapy evaluation resources, a therapeutic pool and a full hand rehabilitation center. Patients of the clinic may take advantage of

DEGREES AND CURRICULA

The goal of Sacred Heart University is to provide an educational experience for the student that will result in his/her development as a whole person; a person who possesses the intellectual ability to know, judge, reason, analyze, synthesize, discern and appreciate; a person who is sensitive and responsible to the needs of society and accepts the responsibility to preserve the dignity of fellow human beings; a person who is aware of the laws that govern the physical world and who is alert to the preservation of the beauty of nature; a person who possesses a sense of moral responsibility to self, community and nation.

Baccalaureate Degrees

At the undergraduate level, Sacred Heart University offers two baccalaureate degrees: Bachelor of Arts (BA) or Bachelor of Science (BS) depending upon the nature of the discipline of the major. The University offers 26 majors and 30 minors. The University also offers Associate in Arts (AA) and Associate in Science (AS) degrees.

All candidates for the baccalaureate degree must complete at least 120 credits, with a minimum of 30 credits taken at Sacred Heart University. A minimum cumulative grade point average (GPA) of 2.0 is required.

The University Core Curriculum

A central component of undergraduate study is the University's Core Curriculum, which embodies the University's commitment to academic excellence, social responsibility, and ethical awareness. Consistent with its Mission, Sacred Heart University provides its students with a liberal arts curriculum that is:

- fundamental to becoming a knowledgeable, educated, and ethically responsible person;
- foundational to studies in the major and to lifelong learning; and is

- essential preparation for personal and professional success in a global and ever-changing world.

STRUCTURE OF THE UNIVERSITY CORE CURRICULUM

The Core Curriculum is composed of three components:

- Foundational Core (9 credits)
- Common Core: The Human Journey (12 credits)
- Elective Core (33-35 credits)

I. Foundational Core (9 credits)

The Foundational Core provides students with competency at the college level in written and oral communication, critical thinking, information literacy, and mathematics, skills that are necessary for academic success and essential in a global and ever-changing world.

FY** 125	First Year Seminar (3 credits)
FLO 125	The Art of Thinking (3 credits)
MA TBD	Mathematics (college level) (3 credits)

FY** 125 First Year Seminar (3 CR)

First Year Seminars designed and taught by full-time faculty on topics that are pertinent to the lives of students, the world in which they live, and the interests of faculty. The seminars are writing and oral communications intensive and introduce students to college-level research skills and principles of information literacy. First Year Seminars are capped at 16 students to ensure that instructors can devote adequate attention to the content of their courses and the development of the proficiencies and skills of each student. First Year Seminars are offered with discipline designations. When successfully completed with a grade of "C" or higher, the credits earned in the Freshmen Year Seminar are applied to the Elective Core requirements. Alternatively, depending on departmental requirements, the credits earned may be applied to the

major if the First Year Seminar is in the same discipline as the major.

FLO 125 The Art of Thinking (3 CR)

The Art of Thinking provides students with the tools they need to become effective thinkers. This course covers the essential methods and rules of logic, such as inductive and deductive arguments, fallacies, and syllogisms. Using the tools of logic, students read primary texts and arguments with faculty from diverse disciplines. As with the First Year Seminar, The Art of Thinking is taught by full-time faculty from across appropriate disciplines in the College of Arts and Sciences.

II. Elective Core (33–35 credits)

The Elective Core provides students with the body of knowledge, critical thinking abilities, and ethical and moral thinking that are needed for studies in the major, for life-long learning, and for the education of the whole person.

The Elective Core is comprised of courses in the Humanities, the Social and Behavioral Sciences, the Natural Sciences/Mathematics/Computer Science, and Religious Studies and Philosophy. These courses introduce students to the perspectives and ways of knowing in these disciplines.

Humanities (9 credits)

The Humanities are the historical, aesthetic, language and literature disciplines that study the human condition and human experience using methods that are largely critical, creative, analytical, theoretical, interpretive, and speculative. To accomplish the Humanities area, students are required to complete 9 credits from at least two different disciplines of the following:

- Art
- Foreign Languages
- History
- Literature

- Music (excluding applied music courses)
- Media Studies
- Performing Arts

Students are strongly encouraged to take 6 credits of the same Foreign Language in consecutive semesters as part of their Humanities requirement in this area.

For students majoring in Nursing or Athletic Training, 6 credits in two departments completes this area.

Social and Behavioral Sciences (9 credits)

The Social and Behavioral Sciences use the scientific method and analytical approach to study human behavior, and the social nature of human beings, and to examine the social and political structures that result from human interaction and that shape human behavior.

To accomplish the Social and Behavioral Sciences area, students are required to complete 9 credits from at least two different disciplines of the following:

- Anthropology
- Economics
- Political Science
- Psychology
- Sociology

Natural Sciences/Mathematics/ Computer Science (6–8 credits)

The Natural Sciences use the empirical or scientific method to study the laws that govern nature and the natural world. Mathematics and Computer Science use rigorous logic as their primary methodology.

To accomplish the Natural Sciences/Mathematics/Computer Science area, students are required to complete 6–8 credits, and one of the courses must be Biology, Chemistry, or Physics.

- Biology
- Chemistry

- Computer Science
- Mathematics
- Physics

Religious Studies and Philosophy (9 credits)

Religious Studies uses reason and critical and analytical thought to study religions, religious beliefs and practices, and to examine the relationship between the human and the Divine as well as to explore questions of truth, justice, ethics, and the moral dimensions of existence. Philosophy uses logic, analysis, and reason to examine fundamental questions about existence, meaning and knowledge, and ethics.

To accomplish the Religious Studies and Philosophy area, students are required to complete 9 credits from the two different disciplines:

- Philosophy
- Religious Studies
- Theology

III. Common Core: The Human Journey

Sacred Heart University's academic signature centerpiece, The Human Journey, is a coherent, integrated, and multidisciplinary study of the liberal arts and sciences and the Catholic Intellectual Tradition. The courses of The Human Journey are framed and unified by the following four fundamental and enduring questions of human meaning and value:

- What does it mean to be human?
- What does it mean to live a life of meaning and purpose?
- What does it mean to understand and appreciate the natural world?
- What does it mean to forge a more just society for the common good?
- The Human Journey introduces students to some of the most significant thinkers, artists, writers and scientists from Western, Catholic, and non-Western traditions who have wrestled with these

central and complex questions about human life.

The Common Core courses which comprise The Human Journey are:

HICC 101	The Human Journey: Historical Paths to Civilization
ENCC 102	Literary Expressions of The Human Journey
CC 103 A	The Human Community: The Individual and Society (Anthropology, Sociology, Political Science, Psychology)
	OR
CC 103 B	The Human Community and Scientific Discovery (Biology, Chemistry, Physics)
CC 104	The Human Search for Truth, Justice, and the Common Good

Students will take one of the CC 103 A or CC 103 B options.

Course Descriptions

HICC 101 The Human Journey: Historical Paths to Civilization 3 CR

HICC 101 is part of Sacred Heart University's Common Core, The Human Journey. Framed by the Common Core's four fundamental questions of human meaning and value, this course is designed to provide first-year college students with an understanding of the elements of Western Civilization from the ancient world to the end of the Renaissance, including the Catholic intellectual tradition. HICC101 will also provide students with sufficient knowledge of the history and culture of a non-western civilization (China) to allow for meaningful comparison of the two cultures. Primary texts will be used to bring students into close contact with the main thinkers of the period and to show how historians use written records to interpret the past.

ENCC 102 Literary Expressions of The Human Journey 3 CR

ENCC 102 is part of Sacred Heart University's common core sequence The Human Journey. This course will address the four fundamental questions of human meaning and value that serve as the unifying frame for all the courses in The Common Core. In ENCC102 we will read and examine significant works of literature. We read serious literature because it presents us with images of, dramatizes for us, or tells us stories about ourselves, our human experience throughout time, and the way we live. This course engages students in conversations about these literary stories, images, and dramatizations. We will critically and analytically read and examine works of literature from different cultures – western and non-western, including Catholic, and from different time periods – classical to contemporary, with an aim toward understanding and appreciating how these very different works give us insight in the four core questions.

ANCC 103 The Human Community: The Individual and Society 3 CR

This is the third of four courses in The Human Journey, Sacred Heart University's Common Core Curriculum. As part of the University's Common Core, The Human Journey, ANCC103 addresses the four core questions from the anthropological perspective. With an emphasis on the unity, diversity and development of human biology and culture, the anthropological perspective offers a unique opportunity to engage the Catholic intellectual tradition and examine the enduring questions of human existence.

POCC 103 The Human Community: The Individual and Society 3 CR

This is the third of four courses in The Human Journey, the Common Core Curriculum at Sacred Heart University. The course explores questions regarding human meaning and value by specifically focusing on the social and political dimensions of the Core Questions. This course will include an analysis of the major political philosophers

and their perspectives on the following: What does it mean to be human? What does it mean to live a life of meaning and purpose? What does it mean to forge a more just society for the common good? What does it mean to appreciate and understand the natural world? The course will also incorporate key thinkers from the Catholic Intellectual tradition as they approach the core questions.

PSCC 103 The Human Community: The Individual and Society 3 CR

This course is the third of four courses in Sacred Heart University's Common Core Curriculum, The Human Journey. This course will address the four fundamental questions of human meaning and value that serve as the unifying frame for all the courses in The Human Journey. This particular course engages students in a study of the relationship between psychology – the science of human behavior and mental processes, and the Catholic intellectual tradition – which is characterized by rigorous intellectual inquiry and an openness to scientific ideas. This course aims to help us understand ourselves as human persons, as well as to understand the social and physical environments in which we live.

SOCC 103 The Human Community: The Individual and Society 3 CR

This is the third of four courses in The Human Journey, Sacred Heart University's Common Core Curriculum. As part of the University's Common Core: The Human Journey, this course takes up the enduring questions of human existence: 1) What does it mean to be human? 2) What does it mean to live a life of meaning and purpose? 3) What does it mean to appreciate and understand the natural world? 4) What does it mean to forge a more just society for the common good? Investigations are primarily guided by insights from sociology about the social nature of human beings and the structure of societies while also including the contributions from the natural sciences and the Catholic intellectual tradition.

BICC 103 The Human Community and Scientific Discovery 3 CR

This is the third of four courses in The Human Journey, Sacred Heart University's Common Core Curriculum. This course focuses on the scientific approach and its uses and limits in addressing the four fundamental core questions of human meaning and value. The practice of scientific inquiry with respect to political, social and cultural factors will also be examined, particularly in the context of the Catholic intellectual tradition. Potential topics to be discussed include learning about your own ancient genetic lineage, evolution, genetic testing, environmental pollution, global climate change, and disease prevention.

CHCC 103 The Human Community and Scientific Discovery 3 CR

This is the third of four courses in Sacred Heart University's Common Core Curriculum, The Human Journey. This course will examine the core's four fundamental questions of human meaning and value. From the perspective of Chemistry, students will learn about science and the natural world and science's engagement with the Catholic intellectual tradition.

PYCC 103 The Human Community and Scientific Discovery 3 CR

This is the third of four courses in Sacred Heart University's Common Core Curriculum, The Human Journey. As part of The Human Journey curriculum, this course will address the four fundamental questions of human meaning and value from the perspective of the academic disciplines of Physics and Theology. PYCC103 will examine the relationships between our human explorations of the universe through science, in general, and physics, in particular. We will examine Physics as a fundamental and practical human endeavor which helps us understand and appreciate the natural world as part of God's provision and revelation for us. As with all of the courses that make up the Common Core, the four fundamental questions will serve as the threads that will

serve as the framework for the fabric of the course.

RS/PHCC 104 The Human Search for Truth, Justice, and the Common Good 3 CR

This course is the capstone course in Sacred Heart University's Common Core sequence of study, The Human Journey. As the capstone, this course addresses the Core's four fundamental questions of human meaning and value. This course will investigate the religious or philosophical understanding of the human condition as a theme running through the four stated questions. Students will study both classic and contemporary texts from a range of religious and some philosophical traditions, particularly the Catholic intellectual tradition. A vital component of the course will be students' own responses to the four questions, especially as those responses evolve through the enrichment of the course material. As a capstone course, RS/PHCC104 enables students to develop a personal, integrated set of answers to the common core questions through a range of modalities and media, including service projects, research papers, artistic productions, student "portfolios" of completed assignments for all four Core courses, and other similarly integrated and interdisciplinary work.

The Major Field (30-58 credits)

The major provides the student an area of specialty as preparation for a career or as a foundation for graduate study. Several baccalaureate majors offer multiple specialization programs. One half of the credit for the student's major must be completed at Sacred Heart University. Sacred Heart University offers the following baccalaureate major programs, with concentration options listed after the major:

COLLEGE OF ARTS AND SCIENCES

- Art/Graphic Design
- Biology: Traditional, Molecular and Cellular Biology, Ecology and

- Conservation Biology, Neuroscience
- Chemistry: Biochemistry, Traditional
- Communication
- Communication and Technology Studies
- Computer Science: Computer Science, Information Technology
- Criminal Justice
- English: Literature, Writing
- History
- Mathematics
- Philosophy
- Political Science
- Psychology
- Religious Studies
- Social Work
- Sociology
- Spanish

ISABELLE FARRINGTON COLLEGE OF EDUCATION

Undergraduates who are interested in becoming teachers apply to the graduate school during sophomore year. They select a major in the College of Arts and Sciences or the Welch College of Business, take courses in the Farrington College of Education during their junior and senior years, and complete teacher certification requirements (including student teaching) and a master's degree in education during a fifth year.

JOHN F. WELCH COLLEGE OF BUSINESS

- Accounting
- Business Administration: Business Analysis, Human Resources Management, International Business, Management, Marketing
- Business Economics
- Finance
- Sport Management

COLLEGE OF HEALTH PROFESSIONS

- Athletic Training

- Exercise Science
- Nursing (B.S. only): First Professional Degree Program, BSN Completion Program, RN to BSN, RN to MSN

UNIVERSITY COLLEGE

- General Studies
- Professional Studies

Electives (0-36 credits)

Electives are courses offered by the University in subject areas that interest the student. Electives should be selected in consultation with the student's academic advisor.

Students majoring in any discipline may also elect courses in the following pre-professional areas: Pre-Law, Pre-Medical/Pre-Dental, Pre-Occupational Therapy, Pre-Optometry, Pre-Physical Therapy, and Pre-Veterinary. Qualified students may also elect courses in the Thomas More Honors Program or in Education. These are explained in the Academic Enhancement Programs chapter in this catalog.

MINOR PROGRAMS

In addition to a major, the student may choose an optional minor program from the following:

College of Arts and Sciences

- Art
- Biology
- Catholic Studies
- Chemistry
- Computer Science
- Criminal Justice
- English
- European Studies
- French Global Studies
- Great Challenges
- History

- Honors
- Information Technology
- Italian
- Latin American Studies
- Mathematics
- Media Studies
- Middle Eastern Studies
- Music
- Performing Arts
- Philosophy
- Political Science
- Psychology
- Religious Studies
- Sociology
- Spanish
- Women's Studies

John F. Welch College of Business

- Accounting
- Business Administration
- Business Economics

College of Health Professions

- Geriatric Health and Wellness

Policy on Awarding of Second Baccalaureate Degree

Students will be eligible to receive a second baccalaureate degree from Sacred Heart University, with a major other than that obtained with their first degree, if they meet the following criteria:

- They will have fulfilled the requirements of the second degree and major.
- They will have completed at least 30 credits at Sacred Heart University after the date of the first degree.
- That up to 90 credits of the first degree can be used toward the fulfillment of the new degree/major.

If the above conditions are not met, the transcript would then indicate the

completion of a second major if requirements for that major have been achieved.

Associate of Arts and Associate of Science Degree Programs

Associate Degrees are offered for students whose needs are best met by this degree or for students who may seek to further their education at a later time with a baccalaureate degree. The Associate degree programs fall in two general categories: Associate of Arts (AA) in General Studies degree, with specialties in 19 different fields, and career-based Associate of Science (AS) degrees in one field. In addition to the specialty courses, each program has its foundation within a liberal arts base.

ASSOCIATE OF ARTS DEGREE-GENERAL STUDIES PROGRAM

All Associate of Arts degrees are offered by University College. The candidate for the AA degree in General Studies must complete 60 credits, which include the AA Core Curriculum as well as an emphasis of not less than 15 credit hours and elective courses chosen in consultation with the student's advisor. A minimum of 30 of these credits must be taken at Sacred Heart University, and a minimum cumulative GPA of 2.0 is required.

Core Curriculum

The Core Curriculum for the AA degree provides the student with the opportunity to experience other disciplines, obtain a background for further study, and become a knowledgeable and educated human being.

Foundational Core

*FY**125

FLO 125

*MT TBD

*A grade of C or better is required.

Common Core: The Human Journey

Sacred Heart University's academic signature centerpiece, The Human Journey, is a coherent, integrated, and multidisciplinary study of the liberal arts and sciences and the Catholic Intellectual Tradition.

See description of the Common Core: The Human Journey courses listed previously in this chapter.

Elective Core

To accomplish the elective core, students will complete the following: Humanities (3 credits) Social and Behavioral Sciences (3 credits) Natural Sciences (3 credits) Religious Studies/Philosophy (3 credits)

Emphasis

Credits range from 15–32, depending on the emphasis.

Note: The required courses for each emphasis are listed under each college and department section.

A grade of C or better is required in all emphasis courses. Area discipline courses cannot be used in above core areas. Areas of emphasis with required courses are:

Associate of Arts Degree

College of Arts and Sciences

- Art/Graphic Design
- Biology
- Chemistry
- English
- French
- History
- Italian
- Mathematics
- Media Studies
- Music

- Philosophy
- Political Science
- Psychology
- Religious Studies
- Sociology
- Spanish

Associate of Science Degree

College of Arts and Sciences

- Computer Science and Information Technology

ACADEMIC ENHANCEMENT PROGRAMS

Academic Advising

At Sacred Heart University, academic advising is an integral part of a student's education, and meetings with an academic advisor should be an important and regular feature of a student's life. The Assistant Dean of the College of Arts and Sciences coordinates academic advising for all first-year students and incoming transfer students and for upperclass students. First-year students are assigned a faculty advisor from one of the Freshman Advising Programs for their first semester. Freshmen who are ready to decide are encouraged to declare their major immediately. Once a student officially declares a major by filling out the Declaration of Major form, he or she will receive a faculty advisor in the chosen discipline. An academic advisor works not only to assist students with course, program, and schedule selection, but also to provide the guidance and support needed to assist students in exploring personal and professional goals. It is very important that students meet with their academic advisors regularly.

Academic Incentive Program (AIP)

Sacred Heart University's Academic Incentive Program offers academic and personal support to a segment of each year's entering freshman class. The Assistant Dean of the College of Arts and Sciences and the Director of Freshman Communication codirect this program designed to enhance the success of highly motivated, academically unprepared freshmen. Selected academic advisors assist these freshmen with their transition to the challenging academic environment of college. Freshmen are selected for the Academic Incentive Program based on a profile consisting of their high school performance records (grade point averages, rank in class), SAT scores, and performance on the Sacred Heart University English

Placement Exam.

Freshmen in the Academic Incentive Program have regular and frequent access to their freshman academic advisor, who also serves as a professor in each student's fall semester EN 109 course. Freshmen in the program are encouraged to meet frequently with their freshman academic advisor, who monitors their academic progress and intervenes with appropriate support. The Academic Incentive Program offers:

- Our 3-credit EN 109 (Introduction to Academic Writing) course in a student's first semester. The course is limited to 15 students per section.
- A freshman academic advisor, who serves as the student's EN 109 professor.
- Specially designated sections of selected core courses in the first and second semesters.

Freshman academic advisors assist their advisees as they select courses, choose academic programs, and decide on an academic major. Many Academic Incentive Program freshmen declare their major during their second semester and move to a faculty advisor in their field. Students who choose to remain undeclared stay with their AIP academic advisor until they do declare.

English as a Second Language (ESL)

The ESL program is designed for students whose native language is not English and who wish to study English either full or part-time (in compliance with their visa as applicable). The program is designed to help students improve their oral and written communication skills in English, preparing them for successful study in an American academic institution.

Full-time ESL students enroll in eight-week sessions, taking a cluster of oral communication, written communication, pronunciation, and service learning, totaling 18 hours per week.

Placement in the noncredit ESL Programs is determined by the University College English Placement Test, SAT scores, TOEFL, an oral interview, and the student's language profile. For more information regarding the program, contact the Director at 203-365-7528. ESL classes are offered on the Fairfield and the Stamford campuses.

SHU offers full-time ESL courses all year round, including summer. Courses are offered morning, evening and weekends.

Please see our website for further information: www.sacredheart.edu/sheli.cfm

Students who successfully complete their ESL classes at the Sacred Heart English Language Institute are not required to take another proficiency test to enroll in other degree programs at Sacred Heart University. Admission to SHELl does not guarantee admission to the University. Our academic advisers will assist you in working toward a university degree.

Thomas More School of Honors Studies

The Honors Program is home to some of the University's brightest and most committed students. The Honors version of the Common Core, The Human Journey, is rigorous, but also highly student-directed, in that students are given greater latitude in selecting readings and designing assignments and, in general, are invited to take active responsibility for what they are learning.

Honors students also organize and participate in their own seminars and discussions on topics inspired by the core or other areas of common interest. The limited size of the University's program and the number of course offerings means that honors students receive highly individualized instruction. Since the best learning can sometimes take place out of the classroom, the program coordinates and funds opportunities every semester to travel as a group to off-campus cultural events, and

provides a stipend for students who study abroad.

The mission of the students in the Honors Program is to serve as leaders in the intellectual, cultural, and spiritual life of the University. In this way, Honors students can themselves become leaders and active learners.

For more information, visit the Honors website.

Independent Study and Individual Instruction

Independent study is available for the qualified student who wants more advanced or specialized work in a given academic area. Faculty members guide the student in the research needed for the study. Only the student who has officially declared a major and who has successfully completed at least 15 credits will be able to enroll. A maximum of 6 credits of independent study or individualized instruction is permitted toward the baccalaureate degree.

Independent study courses are designated as course number 399 in the appropriate subject area (e.g., EN 399 Independent Study in English). Usually, an independent study course is awarded three credits.

Individual instruction is available for the student who needs a specific course to fulfill degree requirements but is unable to schedule the course for a valid reason (involvement in student teaching, field experience or unavailability of the course). The syllabus for individual instruction conforms to the usual requirements, including required assignments, for that course. Ordinarily, no student will be permitted to take more than one individual course per semester, and no more than two individual courses to fulfill degree requirements.

Instructional Technology and Mobile Computing Program

Recognizing the increasingly important role of technology in our society and in education, Sacred Heart University has made a commitment to, and a serious investment in computers, networking and its supporting technologies. The University's network infrastructure provides connectivity to every facility on campus via a fiber-optic Gigabit Ethernet backbone. .

Network services are mainly provided to the student community via 802.11n wireless access points. These provide access to the University library, Internet and student e-mail 24 hours a day, seven days a week. Wireless access is also provided in the academic buildings, library and all indoor and outdoor locations where students gather on campus.

VPN, Citrix and terminal services are available to provide connectivity solutions for even the most sophisticated applications, from anywhere on the Internet. Outlook Web Access (OWA) is available through the web, for sending and receiving campus e-mail from any computer connected anywhere on the Internet.

To promote its "Anytime, Anywhere Learning" initiative, Sacred Heart University deployed wireless networking in the summer of 2000 to create one of the first wireless network campuses in New England. This infrastructure allows students to use their laptops in nearly all outdoor areas on campus, and in most public areas indoors. The current wireless standard is 802.11n.

The students' computing laboratories are currently comprised of 310 desktop computers dispersed throughout several academic facilities. Eight laboratories are used for computer-related instruction, and an additional lab provides 24/7/365 access for Sacred Heart University students, faculty and staff. The University continues to upgrade regular classrooms to "smart" classrooms with fixed multimedia capabilities that allow

instructors to fully integrate technology in their classroom presentations. All general-purpose classrooms are equipped with LCD projectors, DVD, audio capabilities, and PC/laptop connections. All classrooms on campus are equipped with an active data jack for instructors or students to access the network. Additionally, there are data connections in every room and wireless networking is accessible throughout the campus.. The network infrastructure is designed with future technologies in mind and with excess capacity to allow for significant growth. The University is making a serious financial commitment to maintaining the network at peak performance capability and reliability. Upgrading the software and hardware that support the network is a continuous process and not one the University will ever say is complete. Sacred Heart's commitment is to keeping a state-of-the-art system in place for all our campus customers.

In 1995, Sacred Heart University became the first university in Connecticut and the fourth in New England to require incoming freshmen to own a notebook computer that meets a specified standard (networking connectivity to access the Internet, e-mail, University library and other libraries across the country and other networked resources). By Fall 1998, all of the University's full-time undergraduate students had notebook computers. The Mobile Computing Program, and the universal nature of the program on this campus, makes integrating technology across the curriculum and into the daily lives of our students, a much easier process. In addition, Sacred Heart University provides all of its full-time faculty members with a choice of laptop, tablet or Mac laptop refreshed every three years. We offer similar program to our adjunct faculty who are issued a supported laptop refreshed every year. We build and deploy an image which contains the latest Microsoft Office software and other necessary tools and utilities. Faculty members are able to incorporate more electronic course information into the curriculum and use computers as a key

component of classroom instruction; faculty and students are able to communicate using Sacred Heart's Online Web-based Course Management System, "BLACKBOARD," for class content, assignments, questions and classroom discussion groups; as well as virtual office hours. To expand on the mobile learning initiative, the University now offers the ITUNESU platform to provide the community with the tools required to download content to portable players and replay the content when appropriate.

Computer Facilities

Sacred Heart University offers a state-of-the-art campus network. The library, classrooms, on-campus residence facilities, health and recreation center, and faculty and administrative offices are all networked. With its fiber-optic infrastructure, the University is positioned to support a wide range of emerging technologies.

The University has established itself as a pioneer in the implementation of technology across the curriculum. A host of multiprocessor campus servers supports the labs and educational programs. The University's 1 Gbps Internet, and Gigabit backbone support 1 Gbps wireless links throughout the campus. The network also supports video, voice and data across the campus. State-of-the-art routers and firewalls provide high-speed connectivity and security to Wide Area Network segments and are completely managed in-house. Administrators apply traffic-shaping, intrusion prevention and wireless security measures for access as secure as it is convenient.

The University has adopted the "Blackboard" Transaction system to create a simplified means for identification and commerce transactions on campus. The Sacred Heart ID can also be used at select off-campus merchant locations to facilitate additional commerce transactions.

In support of the laptop program, the

University has an on-site Notebook Service Center and Call Center (The Factory) staffed 7:30 a.m. to 7:30 p.m. Monday-Thursday and 7:30 a.m. to 4:30 p.m. on Friday so that members of the University community can call trained technicians for assistance with anything on campus that pertains to technology. The Factory can be accessed on campus through the internal telephone system and off campus via a toll-free telephone number. The Factory is specifically designed to service and troubleshoot problems with laptops. In addition, Sacred Heart University has a full-time trainer who provides basic, intermediate and advanced instructional courses on all supported applications included on the laptop. Through Sacred Heart's telephone support hotline, students, faculty and staff can dial a toll-free number or email tech support to obtain technical assistance.

Jandrisevits Learning Center

OFFICE OF ACADEMIC SUPPORT

The Jandrisevits Learning Center (JLC) is located in the lower level of the Ryan-Matura Library. Staffed by highly experienced faculty tutors and well-trained peer assistants, the JLC provides a warm, friendly learning environment where the successful academic accomplishments of students are our primary concern. The JLC offers the following support services to all undergraduate and graduate SHU students:

- individualized one-hour tutoring in many disciplines provided by a staff of 10 faculty tutors;
- monthly workshops on college-level learning skills such as note-taking, time management and test-taking;
- classroom learning assistants (70 peer tutors who provide academic support in many disciplines across the curriculum); and
- an online writing service (!JLC.OWL. The JLC is open 7 days a week: Monday–Thursday, 10 am–9 pm; Friday, 10 am–3

pm; and Saturday–Sunday, 2 pm–5 pm (math only)..

OFFICE OF SPECIAL LEARNING SERVICES

Though there is no separate application process to be admitted to the Office of Special Learning Services, all students with disabilities must submit appropriate documentation prior to the start of the academic year or prior to the student's request for services. The University's documentation policy can be obtained by contacting the Office of Special Services or by viewing the JLC website. In compliance with the American with Disabilities Act of 1990 and S504 of the Rehabilitation Act of 1973, the Office of Special Learning Services provides instructional accommodations and services including:

Disclosure Letters

At the written request of students, the Coordinator of Special Learning Services writes letters to some or all of the students' professors that describe the nature of their disability and recommend appropriate classroom accommodations.

Alternate Testing Accommodations

Extended-time testing (usually time and a half or double time) takes place either in classrooms designated by professors or in a separate testing environment within the JLC. Depending on the students' documentation and/or disability, the Office of Special Learning Services recommends other appropriate alternative testing methods on a case-by-case basis.

Auxiliary Aids and Services

Interpreting Technical Services and/or Assistive Technologies

Deaf or hard-of-hearing students can request oral interpreting or an American Sign Language interpreting services. Students who do not use interpreters, but have a significant hearing loss, may request

technology to assist in understanding classroom lectures and obtaining class notes. Students may also arrange for in-class note takers, fellow students who are also taking the class, to send course notes to them by email. Students with dyslexia or related disabilities may be provided with audio-format books through Sacred Heart University's institutional membership with Learning Ally.

Academic Adjustments

Depending on the nature of a student's disability, additional academic adjustments, including alteration of course loads, teaching modalities or styles may be recommended to enhance the quality of the student's academic experience. Recommendations for academic adjustments for physically and learning challenged students are made on a case-by-case basis.

For appointments: Call 203-371-7820, or come to the JLC, located in the lower level of the Ryan-Matura Library.

Internship and Co-Op Programs

Sacred Heart University embraces the concept of experiential learning as a way of supplementing the classroom experience, exploring different career paths and enhancing the student's marketability when seeking post-graduate employment. Opportunities include both internships and co-ops.

Internships may be paid or unpaid and can be completed by the student for academic credit. The length of the internship and the number of credits awarded vary. A typical placement lasts for one semester and involves 10 to 20 hours of work per week.

In co-op placements, the student works full-time for one or two semesters for a set hourly wage and 6-12 academic credits per semester. This allows the student to maintain full-time student status while earning a salary and gaining valuable experience.

The student works with his or her faculty advisor to gain approval for the content of an internship or co-op, and to determine the number of credits that will be awarded. The student must also complete the required documentation from the Office of the Registrar. The Career Development and Placement Center assists the student in locating an appropriate position.

Experiential learning opportunities are available in all fields including the sciences, business, health care, media and government. Students interested in these programs should consult their faculty advisor as well as the Career Development and Placement Center.

The Newcomer (NC) Program

The Newcomer Program, the largest of SHU's Freshman Advisory Programs, provides academic advising for all freshmen not enrolled in one of the University's specialized programs. Faculty advisors in the Newcomer Program provide academic advice and support, assist with course and program selection, and make referrals, when appropriate, to other University support services. For the first semester, a student's Newcomer advisor is a full-time faculty member who also serves as the professor in one of the student's freshman courses. This allows for regular and continuous interaction throughout the semester. Students and advisors will also meet regularly outside of class for additional support and guidance.

Professional Programs

Sacred Heart University offers pre-professional advising in Pre-Law, Pre-Medical/Pre-Dental, Pre-Optometry, Pre-Occupational Therapy, Pre-Physical Therapy and Pre-Veterinary.

PRE-LAW PROGRAM

There is no prescribed pre-law course required for admission to law school. The

student interested in law as a career is advised to secure a strong education in the liberal arts. The Pre-Law advisor will help design a Pre-Law program and will aid in the law school admission process.

PRE-MEDICAL/PRE-DENTAL, PRE-OPTOMETRY AND PRE-VETERINARY PROGRAMS

The Pre-Medical/Pre-Dental, Pre-Optometry and Pre-Veterinary programs give the student the required educational background to pursue a career in medicine, dentistry or related health professions at a professional college or university. The balanced curriculum for the program consists of studies in biology, chemistry, English, humanities, mathematics and the social sciences, and provides the student with the humanistic values and scientific background needed to pursue a career in the health care field.

PRE-OCCUPATIONAL THERAPY AND PRE-PHYSICAL THERAPY PROGRAMS

For more information, please refer to the corresponding section under the College of Education and Health Professions.

Study Abroad

Sacred Heart University sponsors undergraduate, semester-long study abroad programs in Rome, Italy, in partnership with the American University of Rome; in Fremantle, Australia, in partnership with University of Notre Dame Australia; and at Sacred Heart University's own site in Dingle, Ireland. With the help of the Coordinator of Study Abroad, students participating in the Rome and Australia programs select courses from a wide variety of offerings which will further the completion of their degree requirements. Students participating in these programs pay the regular Sacred Heart tuition rate plus a study abroad fee. Federal and state financial assistance as well as Sacred Heart University grants may be applied to the Rome, Australia, and Ireland

programs. Students interested in the Ireland program are assisted by the director of the SHU in Ireland program.

Students may also participate during the fall and/or spring semester in a variety of study-abroad opportunities preapproved by the Office of Study Abroad. These preapproved programs are sponsored by a number of U.S. accredited institutions through the CCIS Consortium (College Consortium for International Studies). The coordinator of Study Abroad assists students in selecting and applying to these programs and facilitates the transfer of credits from these programs by clarifying prior to participation how these courses will be used in their Sacred Heart University degree programs. Students who participate in these programs are assessed a study-abroad fee. While federal and state financial assistance may be applied to these programs, Sacred Heart University grants will not.

Short-term programs of two to four weeks in January, March (spring break) and during the summer, led by Sacred Heart faculty, are also available. Short-term programs are offered at the University's own sites in Ireland and Luxembourg and in additional countries. Recent short-term summer experiences include programs in Amsterdam, Granada, and various cities in Europe.

For more information, contact the coordinator of Study Abroad at 203-396-8022 or the director of the SHU in Ireland and SHU in Luxembourg programs at 203-365-7626.

Women's Studies Program

Women's Studies is an academic, interdisciplinary program oriented to the study of women and gender roles. The program draws on the new scholarship about women from different cultures and socioeconomic backgrounds in order to examine and critique traditional models of thinking and to develop creative ways of exploring women and their experiences.

Theoretical and critical debates that have influenced modern feminist thought are also an integral part of the curriculum. Students select courses cross-listed in Women's Studies and a variety of other disciplines including: Criminal Justice, Literature, Media Studies, Nursing, Philosophy, Political Science, Psychology, Religious Studies and Sociology.

The Women's Studies program provides students with the opportunity to broaden their education by enriching their understanding of women through multiple fields of inquiry. The program supports critical thinking about women's and men's social, economic, cultural and political roles in the past, present and future. It challenges students to develop their intellectual understanding of the impact of gender as an organizing force in society. Students are encouraged to explore the meaning and application of this knowledge to their own lives.

ACADEMIC STANDARDS, POLICIES AND PROCEDURES

Notification of Rights Under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.

Students should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) they wish to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

Students may ask the University to amend a record that they believe is inaccurate or misleading. A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and advise the student of his/her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception, which permits disclosure without consent, is the disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his/ her tasks. A school official has a legitimate educational interest if the official needs to review an education record to fulfill his/her professional responsibilities for the University.

The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA.

The name and address of the Office that administers FERPA is Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-5901.

Student Responsibility

Students are responsible to know and apply the University's academic policies and procedures. They are responsible for meeting deadlines as outlined in the academic calendar or in other sections of this publication. Students are responsible to know and apply graduation requirements in their major and should check their program evaluations on Web Advisor

regularly. Questions should be addressed to the academic advisor or the Assistant Registrar for Graduation Services. Academic advisors can assist in understanding degree requirements and planning course selections but the primary responsibility for meeting these requirements rests with the student.

Sacred Heart University Network Account and Official Communications

When students are enrolled at Sacred Heart University, a University network account is created. The student is required to activate the account and is thereby given access to online services including Sacred Heart University email.

Official communication is directed to the student's University electronic mailbox. In some cases official communications may be delivered by U.S. mail or campus mail. Students are expected to access their email regularly to stay abreast of important, time-sensitive information. Information on how to access Sacred Heart University's network is available from the University's website under MYSHU. Students must activate their Sacred Heart University network account and be registered to have access to course material and on-line applications.

Matriculation

Matriculation is an agreement with the University to a particular set of degree requirements. Full-time undergraduate students are automatically matriculated upon admission and fall under the degree requirements of the catalog of the year in which they first enrolled. Full-time students who are on an Official Leave of Absence will maintain their matriculation status during the period of their leave (see policy under Interruption in Attendance.)

Returning full-time students who have not attended the University for up to two consecutive major semesters (fall and

spring or spring and fall) must apply for re-admission and, if accepted, will be under the catalog in effect at the time of their readmission.

Part-time students who have not attended the University for more than 24 months are no longer considered matriculated and must apply for readmission through University College. Part-time students not yet admitted to the University must apply for matriculation once they earn 12 credits. After 12 credits of non-matriculated status, a part-time student will not be allowed to register unless they are admitted to the University through University College or appeal for one more additional semester while they complete their application.

Placement Tests

All students registering for mathematics must take a placement exam or have completed the appropriate prerequisite courses. Students are placed in the appropriate course by the Mathematics department.

Placement exams must be taken prior to registration. Once placement has been determined, students are obliged to accept their placement and course sequence. Additional testing is required for ESL (English as a Second Language) placement.

Placement exams for full-time students are scheduled during orientation. Part-time students should contact University College for more information at 203-371-7830.

Mandated Vaccination and Immunization Requirements

All students must be in compliance with state law before registering. For information regarding immunization requirements, contact the University's Health Services Office at 203-371-7838 or visit the Health Services website

Academic Year

The academic year consists of two major semesters. Courses are offered during the day, evenings and on weekends. In addition to this traditional schedule, courses are offered throughout the year in varying course formats, in accelerated course modules, intensive courses and through online learning. Sacred Heart University uses the semester credit system of awarding credits. Lecture time for one semester credit is generally 50 minutes per week. For a laboratory course, a longer period of laboratory work is required for a semester credit. The calendar and important dates for the traditional semester and accelerated terms are posted on the University website.

Declaring a Major

Students are expected to declare a major as soon as possible and no later than the end of their sophomore year. Each year Sacred Heart University sponsors a "Majors Fair" to assist students with choosing a major. The Office of Career Development also offers workshops to assist undeclared students.. To declare a major students must fill out a Declaration of Major form available in the Academic Departments, University College and the Registrar's Office. Completed forms must be submitted to the academic department for the major. That office will assist in obtaining all appropriate signatures and assign an academic advisor. Students who wish to change a major, add a second major, minor or make similar declarations should contact the appropriate academic departments.

Class Attendance

Regular class attendance is expected of each student in every class. Instructors are encouraged to base a portion of the final grade on attendance. All work missed because of absence from a class must be completed by the student. Excessive absence could result in failure of the course.

Academic Integrity

THE MEANING OF ACADEMIC INTEGRITY

As an institution of higher learning, Sacred Heart University places special emphasis on academic integrity, which is a commitment to the fundamental values of honesty, trust, fairness, respect, and responsibility. Only when these values are widely respected and practiced by all members of the University—students, faculty, administrators and staff—can the University maintain a culture that promotes free exploration of knowledge, constructive debate, genuine learning, effective research, fair assessment of student progress, and development of members' characters.

These aims of the University require that its members exercise mutual responsibilities. At its core, academic integrity is secured by a principled commitment to carry out these responsibilities, not by rules and penalties. Students and faculty should strive to create an academic environment that is honest, fair and respectful of all. They do this by evaluating others' work fairly, by responding to others' ideas critically yet courteously, by respecting others' intellectual and physical property, and by nurturing the values of academic integrity in all contexts of University life.

Appropriate disciplinary action will be taken for violations of academic integrity, including plagiarism, cheating, any use of materials for an assignment or exam that is not permitted by the instructor, and theft or mutilation of intellectual materials or other University equipment. Faculty will assign failing grades for violations of the University's policy on academic integrity and students may immediately receive an F for a course in which they commit a violation. Violations of academic integrity are kept on file; second violations will bring additional sanctions, up to dismissal from the University. For any disciplinary action, the University affords the student the right of due process in an appeals procedure. All matriculated students

will be provided with a full description of the University's standards for academic integrity, consequences for violations, and the appeals procedure.

MUTUAL RESPONSIBILITIES OF FACULTY AND STUDENTS

Sacred Heart University faculty have an ethical and professional obligation to take the following steps to promote academic integrity among students:

- Refer in course syllabi to the University's policy on academic integrity.
- Clearly explicate in course syllabi behaviors and actions that constitute academic dishonesty, especially those that may be specific to the assignments of the course.
- Clearly explicate in course syllabi consequences for violations of academic integrity.
- Reinforce these expectations and consequences periodically during the semester, such as when giving information for assignments.
- Model and, where appropriate, teach students those scholarly practices that embody academic integrity.
- Abide by this policy on academic integrity, including its reporting requirements.

Sacred Heart University students have the ethical obligation to take these steps to promote academic integrity among their peers:

- Act with integrity in all their coursework.
- Abide by this policy on academic integrity and any policies established by their professors and the department in which they are majoring.
- Refuse to share materials with peers for the purpose of cheating, or that they believe will be used for cheating.
- Take care with their own papers, tests, computer files, etc., lest these be stolen or appropriated by others.

- Notify the professor of a course if they become aware that any form of cheating or plagiarism has occurred. Such notification is not dishonorable but maintains an academic environment in which all students are evaluated fairly for their work; it may also protect a student from a charge of dishonesty (if, for instance, the student's work was appropriated by another).

VIOLATIONS OF ACADEMIC INTEGRITY

Academic integrity can flourish only when members of the University voluntarily govern their personal behavior by high ethical standards. However, it is also crucial for the University to define the boundaries of ethical behavior and to prohibit attacks on the principles of academic integrity. Policies that govern faculty members' ethical responsibilities are treated in the Faculty Handbook. Students' ethical responsibilities are governed by the policy stated here. Departments and programs at the University may supplement this policy with additional guidelines and faculty members may specify additional guidelines in the syllabi for their classes. Students must adhere to such guidelines as well as to University-wide policy.

All Sacred Heart University students in all degree programs, are prohibited from engaging in any of the following types of behavior.

Cheating

Forms of cheating include, but are not limited to:

- Having unpermitted notes during any exam or quiz. Only materials that a professor explicitly instructs students they may use during an examination are permitted.
- Copying from other students during any exam or quiz.
- Having unpermitted prior knowledge of any exam or quiz.

- Copying or rewriting any homework or lab assignment from another student, or borrowing information for such assignments with the intention of presenting that work as one's own.
- Using unpermitted materials or taking information from other students for a take-home exam. A take-home exam is an exam; therefore, it requires independent work. Students should follow the procedures given by the professor.

Note: These standards require independent work by a student, except for those contexts where professors have specified forms of permitted collaboration with other students. If no form of collaboration has been specified, students must assume that none is permitted. Because assignments that involve group-based work can cause students to question what forms of collaboration are proper, they should seek guidance from their professors in all cases of doubt. Professors should make clear to students what forms of collaboration are permissible and impermissible. The standards on cheating do not prohibit students from studying together or from tutoring each other.

Plagiarism

Plagiarism is any act of misrepresenting the sources of one's information and ideas. When writing essays, it is the act of presenting another person's written words or ideas as one's own. When reporting experimental work, it includes the acts of falsifying data and presenting another's data as one's own. In speeches, it involves quoting passages of others' speeches or written words without mention of the author. Plagiarism is also possible in art and music, if one makes use of a work of art or music in a way that violates the standards of attribution in those fields.

Plagiarism may be willful, as when a student knowingly copies a source without attribution, or negligent, as when a student fails to cite sources properly. Both willful and negligent instances of plagiarism are subject to penalty—in part because professors must

judge the result of a student's work, not his or her intentions, and in part because students are expected to know and follow the standards for proper citation of sources.

Forms of plagiarism therefore include, but are not limited to:

- Copying whole papers or passages from another student or from any source.
- Allowing another student to copy or submit one's work.
- Buying or obtaining a paper from any source, including term-paper sellers and Internet sources, and submitting that paper or passages of it as one's own work.
- Pasting a passage from the Internet or any computer source into one's paper without quoting and attributing the passage.
- Fabricating or falsifying a bibliography.
- Falsifying one's results in scientific experiments, whether through fabrication or copying them from another source.
- Appropriating another person's computer programming work for submission as an assignment.
- When creating a web page, film or musical composition as a course assignment, failing to attribute material that comes from other media or failing to obtain proper permission for the use of such material.
- Any other appropriation of another's intellectual property without proper attribution.
- Submitting an assignment that one wrote during a previous semester or submitting the same assignment for more than one class simultaneously. This action includes reusing substantial portions of previously written work for a current assignment. (Students who are unsure of what work of their own they may use in preparing an assignment should consult their professors.) Assignments must be written the semester in which they are assigned unless a professor approves of

the use of previously written material with specific guidelines. Assignments may be submitted for credit in a single course only unless professors in multiple courses are informed of and approve of the multiple submissions.

Note: Improper citation of sources occurs when a student presents all the sources he or she used in preparing a paper but fails to attribute quotations and information from those sources in the body of the paper.

Specific examples include:

- Failure to use quotation marks for direct quotes or for an author's distinctive phrases. (A rule of thumb to follow is that five or more words in succession from a source must be enclosed in quotation marks.)
- Following an author's structure of writing and ideas, but rephrasing the sentences partially to give the impression that the whole passage reflects the student's structure and ideas.
- Failure to give page numbers for quotations or for other information that did not originate with the student.

Such acts fall under the rubric of plagiarism. Because they sometimes do not involve willful misrepresentation, professors may have more lenient policies in dealing with them. Yet students should strive to cite all information properly and should note that professors have the discretion to treat these cases as seriously as the forms of plagiarism listed above.

Other Violations

Other forms of unethical behavior that disrupt the processes of learning, teaching and research include:

- Providing to other students exams or papers of one's own or from any source with the reasonable expectation that these will be used for the purpose of cheating or plagiarism.
- Maintaining a file of exams or papers with the reasonable expectation that these will

be used for the purpose of cheating or plagiarism.

- Theft and defacement of library materials.
- Theft of other students' notes, papers, homework and textbooks.
- Posting another person's work on the Internet without that person's permission.

COURSE-BASED SANCTIONS FOR VIOLATIONS OF ACADEMIC INTEGRITY

When a faculty member encounters a suspected case of academic dishonesty, he or she should address the matter with the student, after collecting whatever evidence may be available and relevant. The faculty member has the right to ask the student to provide evidence about sources used or other reasonable requests to establish the work the student did.

If the faculty member discovers that the student did act dishonestly, he or she will assign a penalty of a failing grade for the assignment; he or she may immediately assign the student a grade of F for the course. Cases of improper citation are a matter of faculty discretion.

Faculty will report in writing the incident of academic dishonesty and the sanction imposed to the faculty's chairperson or program director, dean of the college in which the course was taken, and dean of the student's college within five working days of the sanction. The faculty member will provide all parties with appropriate documentation of the incident. The dean of the student's college will inform the student and his or her academic advisor in writing of the accusation, instructor's course-based sanction, and appeals process available to the student within five working days of the notification from the faculty member. In the instance of a second confirmed violation, the letter sent to the student will stipulate that this is a second violation. These timelines apply under normal circumstances barring institutional exigencies.

Appeals of Course-Based Penalties

The student will initially have presented his or her explanation to the faculty member when the faculty member first consulted the student about the work in question. The student who claims he or she did not act dishonestly should ordinarily attempt a resolution with the faculty member. If the resolution was not satisfactory following when a student failed a course or received a reduced course grade based on a formerly reported accusation of dishonesty, the student may appeal the grade by presenting a written statement demonstrating that he or she did not violate the present policy. The student should present supporting documentation. A documented appeal associated with a grade must be presented in writing within fifteen working days of the notification from the dean of the student's college.

The procedure for a documented appeal is:

If the faculty member imposes a sanction because he or she finds the student acted in violation of the policy, the student may present the case in writing with supporting evidence to the department chairperson or program director of the faculty member involved. The chairperson/program director will consult with the faculty member in an attempt to resolve the matter. If the chairperson/program director is unable to resolve the matter, he or she will inform the student in writing. If the student wishes to pursue the matter further, the student may appeal in writing to the dean of the college in which the course was taken.

If the dean of the college in which the course was taken or the dean's designee finds that the appeal has merit, he or she will convene an appeal committee. This committee will consist of three faculty members: one selected by the student, one selected by the faculty member who taught the course, and one selected by the dean. After reviewing all documented evidence, the appeal committee will then propose a solution that the grade

either stands or should be reviewed by the faculty member. This concludes the process.

Consequences for Second and Subsequent Violation of Academic Integrity

The deans will maintain central files on all reported cases of student academic dishonesty in their colleges. Should a student transfer his or her major to another college, the dean will transfer files pertaining to that student to the dean of the other college.

When the dean of any college receives confirmed notice of a second violation by a student in that college, the dean will refer the matter to a standing faculty committee on academic integrity. This committee will consist of one faculty member each from the Colleges of Arts and Sciences, Business, Education and Health Professions. The committee will also include the Dean of Students as a non-voting member. Faculty members of the committee will be elected from their respective colleges for two-year terms in elections run by the Standing Committee on Academic Integrity. The purpose of this committee is to recommend additional sanctions to be taken against the student, including exclusion from the University for one or two semesters or dismissal from the University.

The committee will have available to it the full documentation of the student's previous violation of academic integrity and authority to request additional information and documentation as warranted; however, the committee is not to reconsider the student's guilt or innocence in those incidents. The committee will hear from the student's academic advisor and the chair or program director of the student's major department(s). The student will have an opportunity to address the committee if he or she wishes. The student may be accompanied by an advocate who is a current employee of the University who may not act as the student's legal counsel.

The committee will make a recommendation

of sanction to the dean of the student's college, who will in turn make a recommendation to the Vice President for Academic Affairs. The decision of the Vice President for Academic Affairs will be final.

VIOLATIONS AND APPEALS OF VIOLATIONS OUTSIDE OF A COURSE

When a student is suspected of having violated academic integrity by an action that did not occur in the context of a course (see section above, Other Violations), the student, faculty, staff or administrator who suspects the violation and has plausible evidence should present this information to the Dean of Students. The Dean of Students will decide how to pursue the matter, and the student will have the right to appeal any consequences according to the Student Handbook.

Grading System

The grading system and quality grade points changed effective Fall 2010.

GRADE RANGE	QP	GRADE
A	4.00	93-100
A-	3.67	90-92
B+	3.33	87-89
B	3.00	83-86
B-	2.67	80-82
C+	2.33	77-79
C	2.00	73-76
C-	1.67	70-72
D+	1.33	67-69
D	1.00	60-66
F	0.00	0-59

P (Pass) 0.00 (for courses elected as pass/fail)

NP (No Pass) 0.00 (for courses elected as pass/fail)

W (Withdrawal) 0.00

I (Incomplete) 0.00

NG (No Grade) 0.00

I (Incomplete) grades may be changed by completing the deficient coursework no later than six weeks after the beginning of the following major semester (fall or spring.) All Incomplete grades not changed within the six-week period will convert to F's. In unusual circumstances, the six-week period can be extended. An Incomplete Extension (IX) grade will be in effect until the next conversion date which is six-weeks into the following major semester. After that date the Incomplete Extension grade will convert to an F. An extension for incomplete work may be given only once with the approval of the course instructor and the department chair. Incomplete grade extensions must be filed in writing with the Registrar's office by the instructor prior to the incomplete conversion date.

W (Withdrawal) grades are recorded when a student officially withdraws from a course within the approved time frame (see policy under Course Withdrawal.)

NG (No Grade) is recorded by the Registrar when a grade is not reported by the instructor. Students will not receive credit for courses assigned a No Grade.

A grade below C is not an acceptable grade in First Year Seminar (FYS 125), or major coursework. In addition some courses have as their prerequisite a grade of C or better. In these cases, the course must be repeated until a C or better is obtained. A repeated course may only be credited once toward the degree requirement.

Quality Grade points earned in a course are

determined by multiplying the point value of the letter grade (see the above chart) by the number of credits of the course. A term GPA is calculated by dividing the total number of quality grade points by the total number of credits taken during the term. A cumulative GPA is calculated by dividing the total number of quality grade points by the total number of credits taken at Sacred Heart University. Courses transferred into Sacred Heart University from other institutions do not factor into the Sacred Heart University grade point average. Grades of P/NP, W, I and NG are not included in the calculation of the term or cumulative GPA.

If a student repeats a course that had a passing grade, the best grade will be calculated into the student's overall GPA. The initial grade will remain on the transcript but will not be calculated in the overall GPA. The student will receive academic credit for the course only once. See the policy for repeating a failed course under the Academic Forgiveness section.

CHANGE OF GRADES

An instructor may submit a Change of Grade only due to miscalculation of the original grade. Grade changes must be submitted by the instructor of record using the appropriate form or online process in Web Advisor. Grade changes must be submitted no later than the end of the following semester in which the grade was posted. Any exceptions will require additional approval.

STUDENT GRADE GRIEVANCE—POLICY AND PROCEDURE

A student's dissatisfaction with a course grade is, in general, not sufficient grounds for warranting a grievance, convening a committee, or meriting a hearing.

Grounds for a grievance exist upon presentation of written documented evidence indicating:

- Discriminatory treatment;

- The process determining the grade differs from that outlined in the course syllabus; or
- The process determining the grade was not presented in writing to the students.

A documented grievance associated with a grade must be presented within six (6) months after the original grade was issued.

The procedure for a documented grievance is as follows:

The student is ordinarily expected to resolve the issue at hand with the faculty member.

If the solution as provided by the faculty member is unacceptable to the student, the student may present the case in writing with supporting evidence to the department chairperson of the faculty member involved. The department chairperson will then make a judgment, after consultation with the faculty member and the student, in an attempt to bring the matter to resolution.

If the department chairperson is unable to bring the matter to resolution or the judgment is unacceptable to the student, the student may present a formal appeal in writing to the dean of the college in which the course was taken or to his/her designee.

If the dean of the college or his/her designee finds that the appeal has merit, he/she will convene a grievance committee. This committee will consist of only faculty members: one faculty member selected by the student, one faculty member selected by the faculty member concerned, and one faculty member selected by the dean of the college or selected by his/her designee. The chairperson of the faculty member against whom the grievance is filed is not eligible to serve on the Grade Grievance Committee. After reviewing all documented evidence, the grievance committee will then propose a solution, supported by a rationale in writing, that the grade either stands or should be changed by the faculty member. If the faculty member is unavailable to change the grade,

the department chairperson shall serve in lieu of the unavailable faculty member.

In the extraordinary circumstances in which the faculty member does not accept the recommendation of the Grade Grievance Committee to change the grade after the Grade Grievance Committee ascertains that one or more grounds for a grievance outlined above has been substantiated, then the issue shall return to the Grade Grievance Committee, which will make the final grade decision to be implemented by the department chairperson. This step concludes the process.

Academic Standards

SATISFACTORY PROGRESS

Satisfactory academic progress is determined by two criteria: good academic standing and normal progress:

Good Academic Standing

A student is in Good Standing if he/she is not on University academic probation or dismissed from the University.

Any student not in Good Standing may not represent the University in any public manner as a member or officer of a University registered club or organization, delegate to any association meeting or convention or participant in intercollegiate athletic competitions. Any student who is placed on University academic probation or dismissed from the University is immediately ineligible to represent the University in any of the above activities.

Normal Academic Progress

A student whose credits completed fall below the minimum listed is considered as not making normal academic progress.

NUMBER OF FULL-TIME SEMESTERS	STUDENT STATUS	CREDITS COMPLETED
STUDENT COMPLETED		
2	Freshman	0-23
4	Sophomore	24-48
6	Junior	49-72
8	Senior	73-96
10	Fifth Year	97-120

Financial Aid may require additional standards for 'Normal Academic Progress.' Students should, therefore, contact the department of Student Financial Assistance to confirm requirements for Satisfactory Progress..

ACADEMIC HONORS

Academic honors include the Dean's List and Graduation Honors.

Dean's List

The Dean's List is calculated on a semester basis. A student completing a minimum of 6 credits with a GPA of 3.6 or better is eligible for the Dean's List if, in addition, there is no grade below a C and there is no Incomplete (I) or Withdrawal (W). Students who complete fewer than 6 credits per semester are not eligible for the Dean's List. Students who receive an Incomplete grade in a course and later complete the coursework are not eligible for the Dean's List.

Graduation Honors

Upon graduation, students who complete the undergraduate program of study with the following cumulative GPAs are eligible for these honors, provided that at least 60 credits for a bachelor's degree or 30 credits for an associate's degree were completed at Sacred Heart University.

Summa Cum Laude: 3.8 or higher

Magna Cum Laude: 3.6 to 3.799

Cum Laude: 3.5 to 3.599

ACADEMIC PROBATION

All students, except first-semester freshmen, whose cumulative grade point average (GPA) falls below 2.0 will be placed on Academic Probation. Any student (including first-semester freshmen) who receives a one-semester GPA of less than 1.8 will also be placed on Academic Probation. If a student's cumulative GPA is 2.2 or above and the semester GPA is lower than 1.8 but not lower than 1.5, the student will be administered an Academic Warning, rather than placed on Academic Probation. However, two consecutive semesters of less than a 1.8 GPA, regardless of cumulative GPA, will automatically result in Academic Probation.

A student who receives two or more Fs in any given semester will be placed on Academic Probation.

Any full-time student (enrolled for 12 or more credits) who fails to complete 12 credits in a semester will be reviewed and ordinarily placed on Academic Probation.

A student on Academic Probation may choose to enroll in courses at Sacred Heart University during the University's Winter session and Summer sessions. Grades from the Winter session will be applied to the Fall-semester probationary status, while grades from the Summer session(s) will be applied to the Spring-semester probationary status. This will include grades from all courses taken during Winter session and Summer sessions not just repeats of failed courses. Winter session and Summer sessions grades will also apply to the cumulative GPA but will not be transcribed to the fall or spring semester

DISMISSAL

All students subject to dismissal for academic reasons will be reviewed individually by the Academic Review Board of their college prior to a final decision and notification:

A student who is on Academic Probation for two consecutive semesters will be subject to dismissal.

Any student who incurs three Academic Probations during his or her academic career will be subject to dismissal.

Any student whose cumulative GPA falls below the following levels will be subject to dismissal:

CUMULATIVE GPA

After One Semester	1.00
16-30 Credits Attempted	1.50
31-90 Credits Attempted	1.70
91+ Credits Attempted	1.90

A student who has been dismissed can appeal the dismissal to the Academic Review Board through the dean of his or her college and request reinstatement.

Academic Policies

ACADEMIC APPEALS

Students placed on Academic Probation or dismissed can submit a request for change of status to the Academic Review Board through the dean of the college. Students who have been dismissed in previous semesters must obtain permission from the Academic Review Board of the college who dismissed them before re-enrolling in the University. For more information, contact the dean of the student's college.

ACADEMIC FORGIVENESS

When a failed course is successfully repeated, only the more recent of the two grades will be counted in the computation of the grade point average (GPA). The original grade, however, will be kept on the transcript. This policy is limited to the first two F's repeated during undergraduate study. If an F course grade was the result of a violation of the University's policy on academic integrity, the grade is not subject to forgiveness. That is, the grade will remain in the computation of the grade point average (GPA).

A student who has successfully repeated a failed course and wants to make an adjustment to his or her transcript must submit the Repeated Course Request form to the Registrar's Office.

A student who has not been in attendance at Sacred Heart University for five years or more may apply for academic forgiveness of grades for courses taken at Sacred Heart during one problem semester—defined as one in which the student's term GPA was lower than 2.0. Prior to a written filing for academic forgiveness, the student must complete 12 total credits over a two-semester period at Sacred Heart University, with a cumulative average of at least 3.0 in these courses. Upon the successful completion of the 12-credit requirement, the student submits a formal written request for academic forgiveness to the Dean of the College in which the student is currently enrolled or intends to enroll. The student's written request should provide detailed information regarding the kinds of problems that the student experienced during the period for which forgiveness is requested, how those problems have been remedied and why the University should consider forgiveness in his or her case. The Dean will make the decision whether to grant forgiveness. Academic forgiveness means that the grades from the problem semester remain visible on the student's transcript, but those grades are not calculated in the

student's overall GPA. Forgiveness will affect the entire semester and not individual courses within a semester.

Academic Procedures

REGISTRATION

Prior to the regularly scheduled registration period each student will be notified of their scheduled registration date and time. Policies and procedures are available on the Registrar's webpage at <http://www.sacredheart.edu/registrar.cfm>. Students are required to meet with their academic advisors prior to registration to discuss academic progress and registration options. All registration blocks must be cleared by the appropriate department before a student will be allowed to register.

New students interested in full-time study must apply to the Office of Undergraduate Admissions for matriculation prior to registration. For an appointment, contact the Office of Undergraduate Admissions.

New part-time students should contact University College prior to registration for academic advising.

Winter Intensive and Summer Registration at Sacred Heart University

Students may take only one course during the May Intensive session and two courses during each of the summer sessions (summer session 1 and summer session 2) at Sacred Heart University. Students are ordinarily limited to one course during the Winter Sessions. Permission to take an additional course may be requested by contacting a University College advisor.

Web Advisor

Web Advisor is a secure site with access for current students and faculty. Through Web Advisor students can search for open classes and register on line, add/drop courses, view their schedules with up-to-date room and

instructor information, or check restrictions on their registration. Students may also view their profile information and send corrections to the Registrar's office. Students can view their grades and monitor their progress toward their degree goals.

Online Registration Using Web Advisor

Students are expected to register for classes through Web Advisor, provided the student does not have holds on their registration (balance due, Health Services Immunization requirements, parking tickets, advisor permission, etc.). This ensures that all students comply with SHU policies prior to registration by meeting with their academic advisors and administrative departments to address any outstanding issues.

Students will be assigned time periods to register online for the fall and spring semesters including accelerated terms within those semesters. Messages will display on the screens whenever a student attempts to register for a class for which he or she is not qualified.

Online registration will only be available during specified date ranges but access to inquiry screens will always be available.

Registration Conditions

The University reserves the right to make changes at any time in admission requirements, fees, charges, tuition, regulations and academic programs, if deemed necessary, prior to the start of any class.

The University also reserves the right to divide, cancel, reschedule classes or reassign instructors if enrollment or other factors require. If course cancellations occur, students will be notified by the academic departments through SHU email in order to adjust their schedules.

Auditors

A student wishing to audit courses must

register for the courses as an "auditor." No credit is granted for an audited course. The University may restrict auditors from certain courses. No student will be permitted to change from credit to audit or audit to credit after the Add/Drop period. Auditors may register during the first week of classes through the add/drop period. Auditing a course requires instructor permission prior to registration.

Full-Time Overloads

The normal credit load for full-time students is 12 to 18 credits. Any student in good standing wishing to take more than 18 credits must make this request to the University Registrar with written recommendation from the student's academic advisor. The request must also include the reason for the overload. The Registrar will review the request and recommendation and inform the student of the decision. An additional, per-credit, non-refundable fee is charged for overloads over 18 credits. A Request for Overload form is available through the Registrar's office.

Pass/Fail Option

A student may choose a course with a pass/fail option. The University's pass/fail policy carries these conditions:

- Students are permitted to designate the pass/fail option for up to four courses toward the baccalaureate degree, and up to two courses toward the associate's degree. Once the course is completed with a grade of pass (P), it cannot be repeated for a letter grade.
- Courses can be taken under pass/fail only from general elective courses.
- Courses taken under the pass/fail option will not count in the student's GPA.
- The pass/fail option must be chosen during registration and cannot be changed after the end of the Add/Drop period for that semester.

Course Changes—Add/Drop

A student may change his or her course selection only within the first week of the semester (or the equivalent for accelerated/intensive courses). The procedure for schedule changes is available on the Registrar's webpage (<http://www.sacredheart.edu/registrar.cfm>). This process must be followed in order to ensure course registration and the proper calculation of tuition and issuance of refunds as listed in the Expenses and Student Financial Assistance chapters of this catalog. Students may not add a course after the add/drop period without written permission of the course instructor and the department chair.

Course Withdrawal

If withdrawal from a class becomes necessary, the student should obtain an official withdrawal form from the Registrar's office. Official withdrawal is necessary to assure proper grade entry on the transcript and the issuance of any refunds if applicable. A 'W' grade will be issued for course withdrawals within the first eight weeks of a semester (or the proportional equivalent for accelerated/intensive courses.) Deadlines for course withdrawals are listed in the Academic Calendar. After the deadline a grade of W will only be granted in highly unusual circumstances, such as documented medical emergency. Students who do not withdraw in the specified time frame will receive the grade that they have earned. The withdrawal form requires the signature of the instructor to indicate that the instructor was notified of the withdrawal. Students are encouraged to contact their advisor to discuss academic progress. Additional signatures may be necessary. Phone withdrawals are not accepted. Students who are taking only on-line courses may submit a request to withdraw from a course with appropriate documentation from all required departments by sending an email to registrar@sacredheart.edu. The email must include the student's request to withdraw with all required approvals attached. Non

attendance does not constitute official withdrawal.

Course withdrawals may affect satisfactory academic progress (as defined in an earlier section) and may result in the loss of benefits or permission to participate in University activities such as athletics. It is the student's responsibility to understand these consequences.

Verifying Student's Schedule

Each student is responsible for checking their schedule on Web Advisor to make sure the information is correct. Any problems should immediately be directed to the Registrar's Office. Students will be held academically and financially responsible for their registration as indicated on their schedule in Web Advisor.

Enrolling in Courses at Other Institutions

All matriculated students are expected to fulfill course requirements for their degree at Sacred Heart University. Under special circumstances, a student may appeal to take a course at another regionally accredited institution during the winter or summer sessions only. The following guidelines will be used to determine approval for taking courses at other institutions:

- The courses are required in the course sequence at this time for the degree as indicated by the student's academic advisor.
- The other institution's courses must be equivalent to the required Sacred Heart University courses in the major, as determined by the department chairperson.
- The last 30 credits required for graduation should be taken at Sacred Heart University.
- The last 60 credits toward the degree should be taken at a four-year institution.

A maximum of 2 courses (6-8 credits) for a winter inter-session and summer session

may be taken at another institution during a 1 year period. (For example, one course in the winter and one course in the summer is permissible. One course in the winter and two courses in the summer is not permissible.)

Final approval must be given by the student's academic advisor, the department chair of the discipline of the course, and the Dean of the student's College. Credit will not be awarded without prior final review by the Registrar.

It is the student's responsibility to have an official transcript sent to the Registrar's Office to receive credit for the course. Only grades of C or better may be transferred into Sacred Heart University. The grade will not appear on the Sacred Heart University transcript and does not factor into the term or cumulative GPA.

Interruptions in Attendance

The following information outlines various leave and withdrawal options. Students are responsible for following all University policies before a leave or withdrawal is official. This may include but is not limited to returning laptops, ID cards, keys and obtaining all appropriate University signatures and approvals. University refund policies apply. Full-time students should contact the Assistant Dean before they return from a leave. Part-time students should contact University College before they return from a leave. Students who do not return at the end of the leave or do not obtain an extension must apply for readmission.

Students on leave must follow University policy before they return to the University.

Leave of Absence

Full-time students may request approval for a leave of absence for good reason from the Assistant Dean. Leaves are generally approved for one semester but an extension for an additional semester may be requested.

Part-time students should contact a University College advisor. Graduation requirements in effect for students at the time their approved leave begins will remain in effect when they return from their leave under the following conditions:

- They are in good academic and disciplinary standing at Sacred Heart University when their leave begins. If a student is later placed on academic warning, put on probation, dismissed, suspended or expelled as the result of a judicial decision, the sanctions in place take precedence over the leave of absence.
- They may not take courses at another institution without prior written approval from the advisor, the department chair, Dean of their college and the review by the Registrar.
- The leave is limited to one semester but may be renewed for additional semester(s) with written permission from the Assistant Dean or a University College advisor.

This policy does not bind the University to alter their curricula or major program, which may have been discontinued or substantially altered during the approved leave of absence. Students who change their major upon return will be under the major requirements in effect at the time of their return.

The student is responsible for obtaining all relevant information that may affect their standing and benefits including but not limited to financial aid and veteran's benefits.

A student on approved leave is considered to be in continuous matriculation during that leave period.

If a student does not return after the leave or extend it, the student must go through the readmission process to return.

Medical Leave of Absence

Students who must leave the University

because of a documented medical condition may request a medical leave of absence. Full-time students may request approval for medical leave of absence from the Assistant Dean, who will consult with Health Services or Counseling as appropriate. Part-time students should contact a University College advisor.

Documentation of the serious nature of the medical condition must be provided. Medical leaves are generally approved for one semester but may be renewed for one additional semester with written permission from the Assistant Dean or University College advisor.

Students may return at the end of the leave when medical clearance is provided by Health Services/Director of Counseling based on appropriate documentation presented.

They may not take courses at another institution without prior written approval from the advisor, the department chair, Dean of their college and the review by the Registrar.

This policy does not bind the University to alter their curricula or major program, which may have been discontinued or substantially altered during the approved leave of absence. Students who change their major upon return will be under the major requirements in effect at the time of their return.

The student is responsible for obtaining all relevant information that may affect their standing and benefits including but not limited to financial aid and veteran's benefits.

A student on approved medical leave is considered to be in continuous matriculation during that leave period.

If a student does not return after the leave or extend it, he or she must go through the readmission process to return.

Military Leave of Absence

Full-time students called to active duty while enrolled in the University should contact the Assistant Dean. Part-time students should contact a University College advisor. Students must present proof of being called to active duty. Students wishing to obtain a military leave of absence may be offered the following options after the Assistant Dean or University College advisor confers with financial aid, instructors, and other University officials:

Withdrawing from the courses with a full tuition refund or tuition credit, in accordance with University and government guidelines.

If a student completed at least 70% of the coursework and upon recommendation of his or her dean, the student may elect to take incompletes and make special arrangements for course completion with individual instructors.

Students are eligible to return within one year following active duty. However, the degree requirements may have changed, and the student may be required to comply with degree program requirements in effect at the time of their return to the University.

Complete Withdrawal from the University

Full-time students wishing to drop or withdraw from all their courses and thereby discontinue their enrollment must meet with the Assistant Dean. Part-time students should contact a University College advisor. Students will not be allowed to drop or withdraw from their last registered course of the term without meeting with the Assistant Dean or University College advisor.

University Withdrawal is not official until the student meets with the appropriate University representative(s) and completes official forms. Any refunds will be determined by the official date of the withdrawal. All fees are non-refundable.

If a student withdraws from the University

prior to and through the add/drop period, the courses will not appear on the student's transcript. A "W" grade will be recorded and appear on the transcript if the student withdraws from the University after the add/drop period.

Readmission

Returning full-time students who have not attended the University for up to two consecutive major semesters (fall and spring or spring and fall) will ordinarily be governed under the catalog that was in effect when they left the University. Students who have not attended the University for more than two consecutive major semesters (fall and spring or spring and fall) must apply for re-admissions and, if accepted, will be under the catalog in effect at the time of their readmission.

The Admissions Office will confer with the academic dean and the dean of students before a decision on readmission is made. Students may not be guaranteed readmission to the major in which he or she was enrolled prior to readmission.

Part-time, matriculated students who have not attended the University for more than 24 months are no longer considered matriculated and must apply for readmission through University College.

In unusual circumstances, a student may appeal the decision regarding the catalog applied.

Substitutions and Waivers

In order to maintain academic quality and integrity, no student will be granted a substitution for a course or credits, unless it is in accordance with the University's policy. Substitutions and waivers for major requirements may be granted at the discretion of the department chair/program director. Substitutions and waivers for core requirements require approvals and recommendations from advisor, major department chair, college dean and the

Provost or the Provost's delegate.

Waivers will not provide additional academic credit toward degree requirements.

If the basis for the request of a substitution is a learning or physical disability, the student must contact the Director of Special Services and provide documentation of the disability to request the substitution. For information regarding this procedure contact the Director of Special Services.

All waivers and substitutions must meet the requirements of any academic program accredited and/or licensed by an outside accrediting body or governmental agency.

Proficiency Waivers for University Foundational and Elective Core

The University core provides for proficiency waivers in the following areas: , Mathematics and Modern Foreign Languages. The chairperson of the Department of Foreign Languages and Cultures should be contacted for waivers in Foreign Languages. For waivers in Mathematics, contact the chairperson of the Department of Mathematics. Proficiency waivers exempt the student from taking the course(s). No credits are awarded for waived courses.

Final approval of a waiver for any University foundational or elective core must be approved by the Provost or the Provost's delegate.

A student who is proficient in one of the above-listed areas may consider advanced-standing credits through one of the advanced placement tests (CLEP, DANTES, Excelsior). Students should check with the appropriate department(s) for policies and restrictions governing advanced standing credits. Approval for advanced standing is required before the exam is taken. See section "Enrolling in Courses at other Institutions."

Application for Graduation

To receive a degree, a student must complete all requirements for that degree as listed in the catalog in effect at the time of admission into the program. Degrees are conferred three times a year in May, August and December. The Commencement Convocation is held once a year in May.

A student eligible for a degree must apply for graduation to the Office of the University Registrar as follows. An online application is available through Web Advisor.

May graduation date: Application due the prior June

August graduation date: Application due the prior October

December graduation date: Application due the prior February

Failure to comply with the above schedule may result in a delay of degree conferral. Part-time students will be billed a graduation fee upon submitting the application for graduation. The graduation application fee is not refundable. In the event the student does not complete the requirements for the degree within one year of the original indicated date, a new application and application fee will be required.

Students completing a credit certificate must submit an application for the certificate at least one semester in advance of completing the requirements. Failure to comply may result in a delay of receiving the certificate by the anticipated graduation semester. There is no fee for the application for credit certificates at this time.

Questions about graduation requirements should be directed to graduation@sacredheart.edu

Information related to graduation ceremonies is available on the Sacred Heart website.

Transcripts

The transcript is the official academic record. The student's authorization must be received before a transcript will be released. The student should complete an electronic Transcript Request. The link is available on the Registrar's Office website at www.sacredheart.edu/registrar.cfm. A fee is charged for each transcript requested. Options are available for rush processing, and overnight delivery services at an additional cost. Transcripts will be withheld if the student has a financial obligation to the University.

University Cross-Registration Program

Full-time students may take courses at Fairfield University and the University of Bridgeport as part of their regular full-time course load, provided the courses are not offered during the requested semester at Sacred Heart University. Contact the Office of the Registrar for details and other requirements.

College of Arts and Sciences

SEAMUS CAREY, PH.D., DEAN

Phone: 203-396-8020

Fax: 203-396-8076

Email: careys@sacredheart.edu

The College of Arts and Sciences is the largest, and the most diverse, of the four colleges at Sacred Heart University. The college offers Bachelor of Arts and Bachelor of Science degrees; Associate in Arts and Science degrees; Master's degrees in Environmental Systems Analysis and

Management, Chemistry, Communication, Computer Information Science, Criminal Justice, Applied Psychology, and Theology & Religious Studies; and a variety of minors and special programs. The degrees are offered through the following academic departments: Art and Design, Biology, Chemistry, Communication, Computer Science and Information Technology, Criminal Justice, English, Foreign Languages and Cultures, Government and Politics, History, Mathematics, Philosophy, Theology & Religious Studies, Psychology, Social Work, and Sociology. The College of Arts and Sciences strives to provide a learning environment that fosters the growth, development, and nurturing of the entire individual.

DISCIPLINE	COURSES ONLY (NO MAJOR/MINOR)	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	
			MAJOR	MINOR
Anthropology	Yes			
Art and Design		AA	Yes	Yes
Biology		AA		Yes
Traditional			Yes	
Molecular and Cellular Biology			Yes	
Ecology and Conservation Biology			Yes	
Neuroscience			Yes	
Chemistry		AA		Yes
Traditional			Yes	
Biochemistry			Yes	
Communication and Media Studies				
Communication and Technology Studies			Yes	
Digital Communication			Yes	
Media Studies		AA	Yes	Yes
Computer Science and Information Technology				
Computer Science		AS	Yes	Yes
Information Technology		AS	Yes	Yes
Criminal Justice			Yes	Yes
English		AA	Yes	Yes
Literature Concentration			Yes	
Writing Concentration			Yes	
European Studies				Yes

DISCIPLINE	COURSES ONLY (NO MAJOR/MINOR)	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	
			MAJOR	MINOR
Foreign Languages and Cultures				
Arabic	Yes			
Chinese	Yes			
French		AA		Yes
Gaelic	Yes			
Italian		AA		Yes
Japanese	Yes			
Latin	Yes			
Spanish		AA	Yes	Yes
Global Studies				Yes
Great Challenges Curriculum				Yes
History		AA	Yes	Yes
Irish Studies				Yes
Latin American Studies				Yes
Mathematics		AA	Yes	Yes
Middle Eastern Studies				Yes
Music		AA		Yes
Performing Arts				Yes
Philosophy		AA	Yes	Yes
Physics	Yes			
Political Science		AA	Yes	Yes
Psychology		AA	Yes	Yes
Religious Studies		AA	Yes	Yes
Social Work			Yes	
Sociology		AA	Yes	Yes
Women's Studies (refer to Academic Enhancement Programs chapter in this catalog)				Yes

ANTHROPOLOGY

Anthropology is the study of human culture, behavior and biology from a holistic, global and comparative perspective. As a field of study it examines the similarities, differences and development of human culture, behavior and biology. The Anthropology curriculum emphasizes the subfield of cultural anthropology. Cultural anthropology focuses on the concept of culture, role of culture in contemporary problems and issues, and on the wide range of human cultural patterns in the contemporary world.

Course Descriptions

† Elective Core Course

ANCC 103 The Human Community: The Individual and Society 3 CR

This is the third of four courses in The Human Journey, Sacred Heart University's Common Core Curriculum. As part of the University's Common Core, The Human Journey, ANCC 103 addresses the four core questions from the anthropological perspective. With an emphasis on the unity, diversity and development of human biology and culture, the anthropological perspective offers a unique opportunity to engage the Catholic

intellectual tradition and examine the enduring questions of human existence.

AN 103 Archeology 3 CR

Focuses on how archeology as a scientific discipline attempts to understand the development of the cultural adaptations of human groups throughout prehistory and history, and how archeology interprets the past. Topics include how archeological sites are formed, dating techniques and the analysis of plant, animal, and human artifacts and remains. With a hands-on approach, students are presented case scenarios relating to archeological digs to better understand the thinking process involved in reconstructing the past.

***AN 110 Human Cultural Diversity 3 CR**

The aim of this course is for students to develop an anthropological imagination and understand its relevance for living in the contemporary world. An anthropological imagination involves cultivating an interest in and an understanding of the unity, diversity, and development of human biology, society, and culture. As an introduction to the study of human cultural diversity, this course emphasizes the concept of culture, human sociocultural variation, and patterns of sociocultural change in contemporary human societies.

***AN 201 World Cultures 3 CR**

Examines a cross section of societies, including hunter-gatherer, horticultural, peasant, pastoral and industrial. Themes of cultural diversity, cultural contact and understanding "the other."

AN 204 Introduction to Irish Archaeology 3 CR

A comprehensive overview of Irish Archaeology from the first settlers to modern times. Special attention will be focused on

the Sites and cultural history of the Dingle Peninsula.

***AN 205 North American Indians 3 CR**

Covers the cultural development and diversity of aboriginal North America, the impact of European contact on Native American societies and contemporary issues among North American Indians.

***AN 250 Doing Ethnography: Qualitative Research in the Social Sciences 3 CR**

The aim of this course is for students to develop an understanding of and an ability to use ethnography as a method of social science research. Combining theoretical and applied readings and practical assignments, the focus is on participant observation and interviewing, writing field notes, and the transformation of field data into ethnographic documents. In addition, students develop an understanding of the epistemological, political, and ethical issues surrounding ethnographic research. Prerequisite: SO 110 or AN 110

***AN 280 Native American Literature 3 CR**

Native American literature is explored in order to develop an understanding of the history, society and culture of Native Americans, and an appreciation of their literary contributions.

AN 299 Special Topics in Anthropology 3 CR

Designates new or occasional courses (i.e., one capitalizing on a timely topic). Prerequisites: Established by the department as appropriate for the specific course.

ART AND DESIGN

Real world Art and Design training set within a liberal arts-based curriculum is the mission of the Department of Art and Design at Sacred Heart University. Striking a balance between cutting edge digital technology and the foundations of drawing, illustration, and painting, affords invaluable diversity for preparation for the professional marketplace. Through its extensive offerings in Graphic Design, carried out by means of intense active and engaged learning programs, the department supports the overall mission of the University. Along with the most up-to-date digital design facilities and a commitment to Graphic Design & Visual Arts as it exists today and in anticipation of changes in the near future, the department develops designers and artists who are critical thinkers and contributing members of society, their communities, and their professions. It is the department's goal to educate designers who are always able to respond to an ever-changing world.

The Department of Art and Design is committed to combining education for life with preparation for professional excellence. The department is ideally situated within the vast design, art, and cultural resources of the metropolitan New York City area. Being part of Fairfield County, Connecticut provides access to the country's richest base of world-class digital design, marketing, art, and advertising firms. Combined with a professionally active and experienced faculty in graphic design, illustration, and art, an extensive internship program with some of the region's most prestigious firms, and exemplary support from the University, the Department of Art and Design offers an unmatched opportunity to prepare students for the transition from the classroom to the visual arts workplace.

Faculty

JOHN S. DE GRAFFENRIED, MFA
Associate Professor

NATHAN LEWIS, MFA
Assistant Professor

MARY TRESCHITTA, MFA
Assistant Professor

JONATHAN WALKER, MFA
Associate Professor, Chair

Art and Design Computer Lab and Studios

Facilities include a digital design laboratory with state-of-the-art Macintosh computers, and a second audiovisual studio, both with complete wireless computer support; a full complement of the latest versions of all industry-standard software; multiple professional-grade color printers; and large and standard format scanners. Facilities also include painting, design, drawing, and illustration studios.

APPLE LAPTOP PROGRAM FOR ART AND DESIGN MAJORS

The Department of Art and Design is able to offer all art majors worldwide 24/7 access to all Adobe CS5 Design Premium software and Adobe After Effects CS5 from anywhere in the world that has internet access. The university provides students participating in our laptop program with access to a key license server for the software used in all of the department's courses. This means that any student at anytime from anywhere in the world can obtain access to the entire Adobe Design Premium Software suite in order to work on their projects. Art and Design is also able to offer on site Apple-certified technical support through the department's Technology Manager in order to handle training, updates, maintenance, and repair issues.

Major in Art and Design

The major in Art & Design requires the completion of 51 credits for a concentration in Graphic Design, Illustration, or Studio Arts.

CONCENTRATION IN GRAPHIC DESIGN (51 CREDITS)

Required Courses in Art and Design

Foundation Courses

AR 101	Art in the Western World
Art History Elective: The student must choose from one of the following courses: AR 102, AR 104, AR 201, AR 204, AR 205, AR 206 or AR 208	
AR 110	Design I: Visual Organization
AR 111	Design II: Color
AR 112	3D Design (or AR280; Interactive Motion Graphics)
AR 114	Digital Design Basics (formerly AR 214: Computer Design Basics)
AR 120	Drawing I

Advanced-Level Courses in Graphic Design

AR 211	Graphic Design I
AR 220	Drawing II - Figure
AR 225	Design for the Web (formerly AR 224: Multimedia)
AR 229	Introduction to Painting (formerly AR 130 Painting I) AR 232 Watercolor I (formerly AR 131)
AR 250	Introduction to Illustration (formerly AR 160 Illustration I)
AR 270	Graphic Design II
AR 271	Graphic Design III
AR 272	Advertising Design (or AR 276 Interactive 2D Animation)
AR 276	Interactive 2D Animation/Flash (formerly AR 275 Web Page Design)
AR 280	Interactive Motion Graphics/After Effects or AR 272

Advertising Design

AR 370

Graphic Design IV

AR 390

Graphic Design Portfolio

CONCENTRATION IN ILLUSTRATION (51 CREDITS)

Required Courses in Art and Design

Foundation Courses

AR 101	Art in the Western World
Art History Elective: The student must choose from one of the following courses: AR 102, AR 104, AR 201, AR 204, AR 205, AR 206 or AR 208	
AR 110	Design I - Visual Organization
AR 111	Design II - Color
AR 114	Digital Design Basics
AR 120	Drawing I

Advanced-Level Required Courses in Illustration

AR 220	Drawing II
AR 211	Graphic Design I
AR 221	Drawing III
AR 225	Web Page Design
AR 229	Intro to Painting
AR 250	Intro to Illustration
AR 230	Painting II
AR 260	Illustration II
AR 261	Illustration III
AR 360	Illustration IV
AR 392	Illustration Portfolio

CONCENTRATION IN STUDIO ART (51 CREDITS)

Required Courses in Art & Design

Foundation Courses

AR 101	Art in the Western World
Art History Elective: The student must choose from one of the following courses:	

AR 102, AR 104, AR 201, AR 204, AR 205, AR 206 or AR 208

AR 110	Design I: Visual Organization
AR 111	Design II: Color
AR 114	Digital Design Basics (formerly AR 214 Computer Design Basics)
AR 120	Drawing I

Advanced-Level Required Courses in Studio Art

AR 140	Methods and Materials
AR 211	Graphic Design I
AR 220	Drawing II - Figure
AR 221	Drawing III
AR 225	Design for the Web (formerly AR 224: Multimedia)
AR 229	Introduction to Painting (formerly AR 130: Painting)
AR 230	Painting II
AR 250	Introduction to Illustration (formerly AR 160: Illustration I)
AR 260	Illustration II
AR 231	Painting III
AR 391	Senior Project

Minor In Art & Design

The minor in Art & Design requires the completion of 18 credits.

REQUIRED COURSES FOR GRAPHIC DESIGN MINOR

AR 110	Design: Visual Organization
AR 111	Design: Color
AR 114	Digital Design Basics
AR 120	Drawing I
AR 211	Graphic Design I

Students must select at least one of the following courses:

AR 225	Design for the Web
AR 270	Graphic Design II
AR 276	Interactive 2D Animation

Minor in Fashion Design

The minor in Fashion Design requires the completion of 18 credits.

REQUIRED COURSES FOR FASHION DESIGN MINOR

AR 111	Design: Color 3 CR
AR 120	Drawing I 3 CR
AR 117	Computers in Fashion Design 3 CR
AR 145	Studio Methods I 3 CR
AR 245	Studio Methods II 3 CR
AR 257	Introduction to Fashion Design 3 CR

Certificate in Fashion Studies

The certificate program in Fashion Design requires the completion of 15 credits in total.

REQUIRED COURSES FOR A CERTIFICATE IN FASHION STUDIES

AR 111	Design: Color 3 CR or AR 120 Drawing I 3 CR
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Plus all four of the following courses

AR 117	Computers in Fashion Design 3 CR
AR 145	Studio Methods I 3 CR
AR 245	Studio Methods II 3 CR
AR 257	Introduction to Fashion Design 3 CR

Associate of Arts, General Studies

EMPHASIS REQUIREMENTS (15 CREDITS)

AR 101	Art in the Western World
AR 110	Design: Visual Organization
AR 111	Design: Color
AR 120	Drawing I
AR 229	Introduction to Painting

Course Descriptions

AR 101 Art in the Western World 3 CR

Explores ideas and arts of cultures that initiate and develop into the Western tradition. Includes an analysis of the basic characteristics of the art and architecture of these eras in the context of general cultural trends.

AR 104 American Art: Colonial to Modern 3 CR

Covers the ideas and ideals in American art in reference to the European mainstream. Emphasis is on styles and forms of the American environment and experience that constitute the characteristic tradition in painting, sculpture and architecture.

AR 110 Design: Visual Organization 3 CR

Investigates the compositional elements of art structure. Principles and elements of two-dimensional design line, shape, value, texture and space are examined, with emphasis on the visual communication of ideas.

AR 111 Design: Color 3 CR

Design principles are explored through the investigation of color interaction and color theory. Emphasis is on pigment mixing and the control of intervals of value, chroma and intensity. Prerequisite: AR 110

AR 112 Three-Dimensional Design 3 CR

Explores ideas dealing with mass, volume and planes in space using various materials. Prerequisite: AR 110

AR 114 Digital Design Basics 3 CR

An introduction and exploration of primary graphic design programs concentrating on Adobe Photoshop and Adobe Illustrator. Basic design concepts are explored in assignments, ensuring a basic understanding of the technological tools of design.

AR 117 Computers In Fashion Design 3 CR

This course is an introduction to the use of computers and software in the basic process of designing fashion and accessories.

AR 120 Drawing I 3 CR

Explores fundamental problems of composition and perception as related to drawing. Experimentation is with varied media directed toward both the descriptive and expressive visual conceptualization of ideas.

AR 140 Methods and Materials

An introduction to incorporating non-traditional media into the traditional practice of drawing and painting through varied methods and materials of contemporary art practice. Experimentation and the combining of more than one medium will be encouraged with hands-on assignments

AR 145 Studio Methods I 3 CR

Introduction to basic clothing construction in conjunction with fundamental draping techniques. Students explore and interpret fashion trends as they execute original designs utilizing these skills.

AR 201 Studies in Modern Art 3 CR

An analysis of the works and questions raised by the arts of the 19th and 20th centuries. Examines the roles of modern artists as they reflect and project or comment on life in the 20th century.

AR 204 Renaissance Art 3 CR

A critical discussion of the historical, conceptual and formal changes in the visual arts within the 15th and 16th centuries. Includes an analysis of the influence of Italian and northern European painting on European cultures.

AR 205 European Art: 17th-19th Century 3 CR

Discussion of the major developments in painting, sculpture and architecture during

the 17th and 18th centuries as modified by the historical situations and humanistic values in specific countries.

AR 206 Contemporary Art 3 CR

Examines art currently in galleries and museums. Surveys the development of new approaches to form and analyzes the formal idea as related to execution and content.

Prerequisite: AR 201

AR 208 Introduction to Eastern Art 3 CR

Explores issues such as continuity and dichotomy of subject and style and other significant issues of Eastern art. Eastern attitudes are compared and contrasted with the art and ideas of parallel Western periods.

AR 211 Graphic Design I 3 CR

An introduction to classical and modern typefaces, the mechanics of type composition and the fundamentals of layout. Consideration is given to the selection of typefaces that enhance thought and idea.

Prerequisite: AR 110 and AR 114

AR 220 Drawing II 3 CR

Development of the student's ability to conceive the figure as form and volume with stress on gesture, proportion and anatomy. Emphasis is on a refinement of techniques for individual expression and self-awareness.

Prerequisite: AR 120

AR 221 Drawing III 3 CR

An intensive investigation of media and form as related to the figure. Problems progress from structural ideas to more sophisticated exploitation of subject matter and finally to individual interpretations. Prerequisite: AR 220

AR 223 Three-Dimensional Drawing 3 CR

Deals with the rendering of three-dimensional space and forms. Visual processes relating to depth of field, objects in deep space, volume modeling and conceptualizing are explored. Prerequisites:

AR 110 and AR 120

AR 225 Design for the Web 3 CR

Development of skills for creating web sites and interactive presentations. Emphasis on the effective organization and visual presentation of information through Adobe Dreamweaver and Fireworks.

AR 229 Introduction to Painting 3 CR

An introduction to painting methods and media. Guided experimentation in oil or acrylic with emphasis on content, color interaction and properties of the media.

AR 230 Painting II 3 CR

Development of painting techniques with emphasis on pictorial organization and color sensitivity. Focus on the development of creativity and individuality. Prerequisite: AR 229

AR 231 Painting III 3 CR

Development of individual expression through exploration of independent compositional ideas and technical means related to content. Critiques and evaluations are constant. Prerequisite: AR 230

AR 232 Introduction to Watercolor 3 CR

An introduction to varied techniques of watercolor application. Assignments are based on direct studies of nature, still life and conceptual thinking. Prerequisites: AR 111 and AR 120

AR 245 Studio Methods II 3 CR

Introduction to basic clothing construction in conjunction with fundamental draping techniques. Students explore and interpret fashion trends as they execute original designs utilizing these skills. Prerequisite: AR 120 and AR 229

AR 250 Introduction to Illustration 3 CR

Introduction of fundamental techniques used in professional illustration. Secondary

emphasis on business aspects of commercial art. Assignments range from portraiture to sequential art storyboards. Prerequisite: AR 220

AR 251 Animation, Comic and Fantasy Art I 3 CR

The academic study of the human body in motion, with an emphasis on dynamic positions that are the common denominators in animation, comic or fantasy art. Prerequisite: AR 120 or permission of instructor

AR 252 Animation, Comic and Fantasy Art II 3 CR

Emphasis on each student's given area of professional interest, such as animation cells, comic storytelling, or fantasy book cover art. Prerequisite: AR 251

AR 257 Introduction to Fashion Design 3 CR

Theory and process of fashion design. Application of skills in pattern drafting, draping, and construction culminating in a showing and critique of original student collections.

AR 260 Illustration II 3 CR

Emphasis is on the technical study of color pencils and watercolor. As the semester progresses, greater emphasis is placed on content and imaginative solutions. Focus is on the information gathering inherent in illustrative problem solving. Prerequisite: AR 160

AR 261 Illustration III 3 CR

Continued emphasis on traditional illustrative techniques used in conjunction with the digital application of Adobe Photoshop. Students are encouraged to create works of substance and complexity in regard to composition and thematic content. Prerequisite: AR 260

AR 262 Head Painting and Drawing 3 CR

Covers structural painting and drawing of the

head and its character. Emphasis on historical and traditional methods of representation using various media and techniques. Prerequisite: AR 220

AR 264 Advertising Illustration 3 CR

Deals with imparting visual impact and excitement for the selling of products and services. Developing illustrations for advertising with consideration of reproduction requirements. Problems deal with line, black-and-white, limited and full-color advertising. All media. Prerequisite: AR 261

AR 270 Graphic Design II 3 CR

Includes development of ideas as related to print media, publication design, and corporate identity systems. Emphasis on the ability to create effective problem-solving concepts. Prerequisites: AR 211 and AR 214

AR 271 Graphic Design III 3 CR

Focuses on solving specific design problems by establishing ideas from rough layout to tight comps and coordinating the elements to create effective visual statements in a variety of areas. Prerequisite: AR 270

AR 272 Advertising Design 3 CR

Explores aspects of print and rich media advertising, including its creation and presentation. Stresses concepts as related to advertising promotion. Prerequisite: AR 270

AR 274 Computer Graphic Design 3 CR

Explores complex design software programs with primary focus on the application of computer design in the preparation of print material. Prerequisite: AR 270

AR 276 Interactive 2D Animation 3 CR

Development of skills for creating 2D animation, interactive presentations, and web sites. Emphasis on the effective organization and visual presentation of information through Adobe Flash.

AR 280 Interactive Motion Graphics 3 CR

Provide a comprehensive, project-based introduction to industry-standard motion graphics and compositing applications. To produce motion graphics and visual effects for film, video, multimedia and web.

AR 299 Special Topics in Art 3 CR

New or occasional courses that may become part of the department's permanent offerings. Courses capitalize on timely topics, an instructor's particular interest or alternatives to existing courses. Prerequisite: Established by department

AR 320 Drawing IV 3 CR

Focuses on advanced problems of perception, structure, anatomy and concepts in drawing the human figure. Emphasis on independent development of the expressive use of various drawing media. Prerequisite: AR 221

AR 330 Painting IV 3 CR

Studio emphasis on development and clarification of personal and imaginative statements. Initiative and discipline toward the production of a sustained body of consistent work is expected. Prerequisite: AR 231

AR 360 Illustration IV 3 CR

Focus is on editorial- and thematic-based subject matter utilizing illustrative tools and techniques introduced in previous illustration classes including traditional and digital applications. Emphasis is on the continued development and preparation of idea sketches in relation to problem solving of illustrative art. Prerequisite: AR 261

AR 363 Editorial Illustration 3 CR

A study of illustration with short story and editorial views. Preparation of idea sketches in relation to the text, page layout and finished illustrations. Prerequisite: AR 260

AR 370 Graphic Design IV 3 CR

An in-depth investigation of realistic promotional programs ranging from concept to finished visual. Emphasis on individual creative solutions relative to product and idea, budget and client. Prerequisites: AR 112 and AR 271

AR 390 Graphic Design Capstone 3 CR

Development of a professional portfolio, resume and promotional materials, culminating in a public presentation to area design, advertising, marketing, and recruitment professionals. Guidance from faculty and visiting professionals. Prerequisites: All required art courses in major emphasis

AR 391 Senior Project Capstone 3 CR

Encompasses problem-solving and techniques indicative of the ability to work as a mature and independent artist. Includes preparation and presentation of work. Prerequisites: All required art courses in major emphasis

AR 392 Illustration Capstone 3 CR

The continued development and final construction of a professional presentation portfolio, resume and promotional materials. Additional focus on business-related information, such as taxes, expenses and contracts. Prerequisites: AR 360. All required art courses in major emphasis

AR 396 Internship 3 CR

By permission of department chair. Based on availability, qualified students are placed in positions with leading design, advertising, and marketing firms.

BIOLOGY

The Biology Department's innovative and interdisciplinary curricula combine a rigorous grounding in the foundational principles of biological science at all scales of organization from molecules to ecosystems with the opportunity for students to specialize in areas of their own choosing. The program reflects the complexity and diversity of the living world and emphasizes the unifying principles of biological science: evolution, transformations of energy and matter, structure and function, information flow exchange and storage, and the higher level complexity inherent in multi-component systems.*

Graduates of our program will be conversant in the cellular and molecular basis of life, the design and functioning of individual organisms and the ecological interactions of organisms. They will respect the primacy of evidence and appreciate its role in the historical development and advancement of a discipline. Graduates will be able to analyze evidence in a critical fashion through exposure to data analysis in literature and in laboratory coursework. Finally, graduates will be cognizant of the possible social impact of our ever increasing understanding of biological science and will be prepared to wrestle with the difficult ethical conflicts resulting from such advancement.

Students may choose from one of four different curriculum tracks to support these academic objectives and their future career plans: Traditional, Molecular and Cellular, Ecology and Conservation or Neuroscience. All four tracks are based on a four course foundational series: Concepts in Biology I: Molecules to Cells; Concepts in Biology II: Cells to Organisms; Organisms to Populations, and Populations to Ecosystems. Accompanying the lecture portion of the foundational courses are lab courses that incorporate multi-week open-ended investigations that reinforce the concepts under study and emphasize the process of science and scientific writing. The Traditional

program emphasizes a broad training in biology by requiring one upper-division elective in each of three areas corresponding to different levels of biological organization. The Molecular and Cellular Biology concentration emphasizes coursework in molecular and cellular areas of biology and related disciplines and is ideal for students preparing for graduate or professional training in the biomedical sciences or employment in the pharmaceutical and biotechnology industries. The Ecology and Conservation Biology track is designed to prepare students for graduate training and/or careers in ecology, conservation biology, or other environmentally focused specialties. Students pursuing the Neuroscience track will have the opportunity to integrate coursework in neurobiology with coursework in psychology. The Neuroscience track is excellent preparation for graduate and professional training in the biomedical sciences and careers in the health professions. The Molecular and Cellular Biology, Ecology and Conservation Biology and Neuroscience focused paths through the major also require hands-on learning in the form of supervised research and/or internship, and these experiences are also strongly encouraged for students pursuing the Traditional program. Admission to the Molecular and Cellular Biology, Ecology and Conservation Biology, and Neuroscience concentrations is by application only.

*Vision and Change in Undergraduate Biology Education, A Call to Action. 2010. American Association for the Advancement of Science, Washington DC

Faculty

KIRK A. BARTHOLOMEW, PH.D.
Associate Professor

MARK A. BEEKEY, PH.D.
Associate Professor

SUZANNE M. DESCHÊNES, PH.D.
Associate Professor

MICHELE A. GUIDONE, PH.D.
Lecturer

MARK I. JAREB, PH.D.
Associate Professor, Chair

MARIAN LEAL, M.S.
Instructor

JENNIFER H. MATTEI, PH.D.
Associate Professor

CHRISTOPHER F. MOJCIK, M.D/PH.D.
Lecturer

BARBARA J. PIERCE, PH.D.
Associate Professor

JOHN P. RAPAGLIA, PH.D.
Assistant Professor

NICOLE M. ROY, PH.D.
Assistant Professor

LATINA M. STEELE, PH.D.
Lecturer

GEFFREY F. STOPPER, PH.D.
Assistant Professor

THOMAS A. TERLEPH, PH.D.
Associate Professor

Biology Laboratories

The University supports the biology program with six teaching laboratories fully equipped to instruct students in all areas of biological science. In addition, all faculty at the level of assistant professor and above have dedicated research space and equipment appropriate to conduct research in their areas of specialization. Dedicated multi-user areas are also available for conducting research in a variety of areas and include: a climate-controlled greenhouse, an analytical instrumentation room for environmental analysis, a marine research tank room, a fluorescence microscopy and imaging facility,

and dedicated spaces for molecular biology research instrumentation. The department maintains and consistently updates the specialized equipment required to both teach and do research in the biological sciences, amongst our more recent acquisitions are: a suite of equipment for sub-meter GPS surveys and data collection, real-time PCR instrumentation, automated data capture and analysis software for experimentation in animal behavior, and two instruments for sophisticated analysis of contaminants in environmental samples: a combined gas chromatography/mass spectrometry instrument for organic chemical analysis and an inductively coupled plasma emission spectrometer for inorganic contaminants.

Major in Biology

The B.S. degree in Biology requires completion of 36 to 42 credits in biology and 29 to 40 credits in supporting courses depending on the curriculum track students choose. Many of these courses also fulfill the requirements of the university's Elective Core.

REQUIRED COURSES FOR ALL CONCENTRATIONS

Required Biology Core Courses

BI 111	Concepts in Biology I
BI 112	Concepts in Biology II
BI 113	Concepts in Biology I Laboratory
BI 114	Concepts in Biology II Laboratory
BI 201	Organisms to Populations
BI 202	Populations to Ecosystems
BI 203	Organisms to Populations Laboratory
BI 204	Populations to Ecosystems Laboratory
BI 399	Senior Seminar

Required Supporting Courses for All Concentrations

CH 151	General Chemistry I
CH 152	General Chemistry II
CH 153	General Chemistry Laboratory I
CH 154	General Chemistry Laboratory II
CH 221/223	Organic Chemistry I with Lab
MA 131/133	Statistics
PY 1XX 100	Level Physics Course with Laboratory
MA 140	Precalculus or above MA 151 is recommended

ADDITIONAL REQUIRED COURSES FOR THE TRADITIONAL CONCENTRATION**ADDITIONAL REQUIRED BIOLOGY COURSES FOR THE MOLECULAR AND CELLULAR BIOLOGY CONCENTRATION**

Students must select five additional Biology courses comprising at least one course from the Environmental, Organismal, and Molecular areas. Two of the five courses must be at the 300 level. Three of the 5 courses must include labs (one at the 300 level). Three credits of research (BI 390) or internship (BI 360) are encouraged. For the most up to date listing of courses and special topics, please consult the listing maintained on the Biology Department's website.

Environmental Area

BI 210	Plant Biology
BI 230	Microbiology
BI 240	Invertebrate Biology
BI 245	Vertebrate Biology
BI 255	Animal Behavior
BI 260	Marine Biology
BI 265	Conservation Biology

Organismal Area

BI 205	Essentials of Neuroscience
BI 210	Plant Biology
BI 212	Developmental Biology

BI 230	Microbiology
BI 240	Invertebrate Biology
BI 245	Vertebrate Biology
BI 255	Animal Behavior
BI 260	Marine Biology
BI 312	Systems Physiology
BI 325	Immunology
BI 345	Neurobiology

Molecular Area

BI 212	Developmental Biology
BI 230	Microbiology
BI 235	Principles of Biotechnology
BI 311	Cell Biology
BI 325	Immunology
BI 345	Neurobiology
BI 355	Molecular Biology

ADDITIONAL REQUIRED SUPPORTING COURSES FOR THE TRADITIONAL CONCENTRATION

Students must take an additional 9 to 12 credits in the natural sciences, or in other disciplines with departmental approval. Courses must be at 200-level or above with the following exceptions: FYBI 125, BI 128/129, BI 132/134, PY112/114, and MA courses above MA 151.

ADDITIONAL REQUIRED COURSES FOR THE MOLECULAR AND CELLULAR BIOLOGY CONCENTRATION**ADDITIONAL REQUIRED BIOLOGY COURSES FOR THE MOLECULAR AND CELLULAR BIOLOGY CONCENTRATION**

BI 311	Cell Biology
BI 355	Molecular Biology

Two additional electives (1 with lab) must be chosen from courses classified in the Molecular Area (see above and Biology Department website)

BI 360	Internship or
BI 390	Supervised Research

ADDITIONAL REQUIRED SUPPORTING COURSES FOR THE MOLECULAR AND CELLULAR BIOLOGY CONCENTRATION

MA 151	Calculus I strongly suggested (fulfills the MA 140 or above requirement)
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Students must also take an additional 12 to 16 credits in the natural sciences, or in other disciplines with departmental approval. Courses must be at 200-level or above with the following exceptions: FYBI 125, BI 128/129, BI 132/134, PY112/114, and Mathematics courses above MA 151.

ADDITIONAL REQUIRED COURSES FOR THE ECOLOGY AND CONSERVATION BIOLOGY CONCENTRATION

ADDITIONAL REQUIRED BIOLOGY COURSES FOR THE ECOLOGY AND CONSERVATION BIOLOGY CONCENTRATION

BI 265	Conservation Biology
BI 3XX	Ecology Elective with Lab
BI 390	Supervised Research (3 credits) or
BI 360	Internship (3 credits)

Three additional electives (1 with lab) must be chosen from courses classified in the Organismal or Environmental Area (see above and Biology Department website)

ADDITIONAL REQUIRED SUPPORTING COURSES FOR THE ECOLOGY AND CONSERVATION BIOLOGY CONCENTRATION

MA 151	Calculus I strongly suggested (fulfills the MA 140 or above requirement)
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Students must also take an additional 6 to 8 credits in the natural sciences, or in other disciplines with departmental approval. Courses must be at 200-level or above with the following exceptions: FYBI

125, BI 128/129, BI 132/134, PY112/114, and Mathematics courses above MA 151.)

ADDITIONAL REQUIRED COURSES FOR THE NEUROSCIENCE CONCENTRATION

ADDITIONAL REQUIRED BIOLOGY COURSES FOR THE NEUROSCIENCE CONCENTRATION

BI 205	Introduction to Neuroscience
BI 255 or	
BI 305	Animal Behavior or Behavioral Neurobiology
BI 345	Neurobiology
BI 390	Supervised Research (3 credits) or
BI 360	Internship (3 credits)

One additional course in Biology at the 200 or 300 level with lab

ADDITIONAL REQUIRED SUPPORTING COURSES FOR THE NEUROSCIENCE CONCENTRATION

PS 110	Introduction to Psychology
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Two psychology electives selected from the following list:

PS 335	Human and Animal Learning
PS 351	Brain and Behavior
PS 352	Hormones and Behavior
PS 353	Psychopharmacology
PS 380/	
PS 389	Advanced Special Topics

One additional Psychology Elective at the 200 level or above

Students must also take an additional 6 to 8 credits in the natural sciences, or in other disciplines with departmental approval. Courses must be at 200-level or above with the following exceptions: FYBI 125, BI 128/129, BI 132/134, PY112/114, and Mathematics courses above MA 151.

Combined Bachelor of Science in Biology and Master of Science in Environmental Systems Analysis and Management

Undergraduate students majoring in biology or chemistry are able to apply for admission to the Environmental Systems Analysis and Management graduate program in their junior year and begin taking graduate courses during their senior year while at the same time completing a Bachelor of Science degree. This 4 plus 1 option allows completion of a combined Bachelor and Master's of Science in 5 years. If you would like more information on this accelerated track, please contact the Environmental Systems Analysis and Management Program Director or the Chair of the Biology Department. Completion of this combined degree in 5 years requires summer coursework and careful planning is essential to meet all program requirements.

Minor In Biology

The minor in Biology requires the completion of the following 23-24 credits:

BI 111	Concepts in Biology I
BI 112	Concepts in Biology II
BI 113	Concepts in Biology I Laboratory
BI 114	Concepts in Biology II Laboratory
BI 201	Organisms to Populations
BI 202	Populations to Ecosystems
BI 203	Organisms to Populations Laboratory
BI 204	Populations to Ecosystems Laboratory
CH 151	General Chemistry I
CH 153	General Chemistry Laboratory I

One additional biology courses at the 200-level or above with the following exceptions: FYBI 125, BI 128/129, BI 132/134 chosen in consultation with a Biology advisor

Associate in Arts General Studies

Emphasis Requirements (24 credits)

BI 111	Concepts in Biology I
BI 112	Concepts in Biology II
BI 113	Concepts in Biology I Laboratory
BI 114	Concepts in Biology II Laboratory
BI 201	Organisms to Populations
BI 202	Populations to Ecosystems
BI 203	Organisms to Populations Laboratory
BI 204	Populations to Ecosystems Laboratory
CH 151	General Chemistry I
CH 153	General Chemistry Laboratory I

One additional biology courses at the 200-level or above with the following exceptions: FYBI 125, BI 128/129 or BI 132/134 chosen in consultation with a biology advisor.

Biology Common Core Course

BI CC 103	Human Journey: Scientific Discovery
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Course Descriptions

† Elective Core course

BICC 103 The Human Community and Scientific Discovery 3 CR

This is the third of four courses in The Human Journey, Sacred Heart University's Common Core Curriculum. This course focuses on the scientific approach and its uses and limits in addressing the four fundamental core questions of human meaning and value. The practice of scientific inquiry with respect to political, social and cultural factors will also be examined, particularly in the context of the Catholic intellectual tradition. Potential topics to be discussed include learning about your own ancient genetic lineage, evolution, genetic testing, environmental pollution, global climate change, and disease prevention.

***BI 020 Heredity and Society 3 CR**

BI 020 is a genetics course examining the evidence for proposing the existence of genes, the molecular nature of genes and the ethical implications of recent advances in genetic research. Three hours of lecture per week. Non-science majors.

***BI 025 Connecticut Wildlife 3 CR**

BI 025 is a laboratory and field-oriented core course emphasizing wildlife and habitat diversity in the American Northeast, especially Connecticut. The central theme is adaptation. Topics include predation, migration, reproduction and species identification. Five hours per week. Non-science majors.

***BI 026 Winter Wildlife 3 CR**

BI 026 is a laboratory and field-oriented core course emphasizing winter adaptations of wildlife in the American Northeast, especially Connecticut. Topics include migration, species identification, tracking and feeding ecology. Five hours per week. Non-science majors.

***BI 030 The Human Body 3 CR**

Focuses on human physiology and the role humans play in the health and maintenance of their bodies. Topics include human organization, processing and transporting, integration and coordination and reproduction. Three hours of lecture per week. Non-science majors.

***BI 040 Coastal Ecology 3 CR**

This course investigates the interrelationship between coastal environments and the organisms living in these environments. It also looks at related societal implications. Non-science majors.

***BI 050 Biology of Poisons 3 CR**

This course presents the principles of toxicology within a human context, discusses how toxicology affects everyday life, and investigates the broader issues for public

health and disease prevention. This is an online course for non-science majors.

***BI 052 Environment and Sustainability 3 CR**

Students will learn about environmental science, exploring how human activity changes our natural environment. The importance of clean air, land, and water will also be discussed. Non-science majors.

***BI 070 Plants of Connecticut 3 CR**

BI 070 is a laboratory and field-oriented course emphasizing identification of local plant life, plant structure and functions, life histories, and ecological relationships. Non-science majors.

***BI 111 Concepts in Biology I: Molecules to Cells 3 CR**

BI 111 is the first foundational course in biology and provides an introduction to the molecular concepts that form the basis of cellular life. Concepts in Biology I covers the basic principles of: evolution, biochemistry, cell structure and function, signal transduction, cell division, transmission genetics, the central dogma of molecular biology and control of gene expression. Two 50 minute lectures and one 75 minute discussion/week. Corequisite: BI 113

***BI 112 Concepts in Biology II: Cells to Organisms 3 CR**

BI 112 is the second foundational course in biology. The course focuses on the cellular and organismal levels in the hierarchy of biological organization. Concepts in Biology II covers adaptations of plant and animal life in an evolutionary context and includes discussion of: development, body and tissue organization, homeostasis, energy yielding metabolism, nutrition, digestion, circulation, nutrient transport and gas exchange. Two 50 minute lectures and one 75 minute discussion/week. Prerequisite: BI 111/113, Corequisite: BI 114.

BI 113 Concepts in Biology I Laboratory 1 CR

The laboratory associated with Concepts in Biology I focuses on multi-week exercises that reinforce critical concepts on the molecular and cellular levels of biological organization. The laboratory incorporates student designed experiments, extensive journal format scientific writing and emphasizes science as a process. One 3 hour laboratory/week.. Corequisite: BI 111

BI 114 Concepts in Biology II Laboratory 1 CR

The laboratory associated with Concepts in Biology II focuses on introduction of techniques for observing organismal physiology and behavior that reinforce critical concepts on the cellular and organismal levels of biological organization. The laboratory incorporates an open-ended multi-week student designed experiment, extensive journal format scientific writing and emphasizes science as a process. One 3 hour laboratory/week. Corequisite: BI 112

BI 126 Nursing Anatomy and Physiology I 3 CR

Lecture on the investigation of cell structure and function, tissues, skeletal, muscular and nervous systems. Nursing students only. Three hours of lecture and one hour of discussion. Corequisite: BI 127

BI 127 Nursing Anatomy and Physiology I Laboratory 1 CR

Laboratory involves investigation of cell structure and function, tissues, skeletal, muscular and nervous systems. Three hours of laboratory. Corequisite: BI 126

BI 128 Nursing Anatomy and Physiology II 3 CR

Lecture involves the investigation of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Nursing students only. Three hours of lecture and one hour of discussion. Prerequisites: BI 126 and BI 127; Corequisite: BI 129

BI 129 Nursing Anatomy and Physiology II Laboratory 1 CR

Laboratory involves the investigation of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Three hours of laboratory. Corequisite: BI 128

BI 131 Human Anatomy and Physiology I 3 CR

Lecture on the investigation of the tissues, skeletal, muscular, and nervous systems This section is for students interested in athletic training, exercise science, physical therapy, occupational therapy, or physician assistant programs. Three hours of lecture per week. Prerequisites: BI 111 and BI 113; Corequisite: BI 133

BI 132 Human Anatomy and Physiology II 3 CR

Lecture involves the investigation of endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Three hours of lecture per week. This section is for students interested in athletic training, exercise science, physical therapy, occupational therapy, human movement or physician assistant programs. Three hours of lecture. Prerequisites: BI 131 and BI 133; Corequisite: BI 134

BI 133 Human Anatomy and Physiology I Laboratory 1 CR

Laboratory involves investigation of the tissues, skeletal, muscular, and nervous systems. Three hours of laboratory. Corequisite: BI 131

BI 134 Human Anatomy and Physiology II Laboratory 1 CR

Laboratory involves the investigation of endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Three hours of laboratory. Corequisite: BI 132 Note: BI 132 may not be taken for credit after completion of BI 312

BI 161 Introduction to Microbiology 3 CR

A course focused on the study of microorganisms with emphasis on morphology; cultivation, genetics of bacteria, viruses and fungi, and infectious diseases caused by these microbes. Nursing students only. Three hours of lecture per week. Corequisite: BI 162

BI 162 Introduction to Microbiology Laboratory 1 CR

Laboratory work stresses aseptic technique and the microscopic, nutritional and biochemical characteristics of bacteria. One three-hour laboratory period per week. Corequisite: BI 161

BI 201 Organisms to Populations

Organisms to Populations is the third in the series of courses that serve as the foundation of the biology major. The focus of this course is on the evolutionary forces that lead to the biologically fascinating trade-offs between growth, survival, and reproduction. Topics covered include: reproductive biology, transmission and population genetics, mechanisms of evolution and an exploration of adaptation and life history characteristics in a diversity of organisms. Prerequisite: C or Better in BI 111/112/113/114, Pre- or Corequisite: Statistics (MA 131/132/133), Corequisite: BI 203 Organisms to Populations Laboratory. Restrictions: Biology Major or Departmental Permission

BI 202 Populations to Ecosystems

Populations to Ecosystems is the final course in the biology major foundational series of courses. Students will discover the unity and interdependence of the living and non-living components of the environment while exploring the limitless diversity of life on earth through the lens of ecological theory. Topics include: Population dynamics, species interactions, abundance and diversity, nutrient cycling, succession and stability. Prerequisite: C or Better in BI 111/112/113/114, Prerequisite: Statistics (MA 131/132/133), Corequisite: BI 204 Populations

to Ecosystems Populations Laboratory. Restrictions: Biology Major or Departmental Permission

BI 203 Organisms to Populations Laboratory

Organisms to Populations Laboratory is the mandatory co-requisite for BI 201. The interactive laboratory course will concentrate on multi-week exercises that reinforce essential course concepts. Student designed experiments, the process of science, and oral and written scientific communication are focal points of the course design. Corequisite: BI 201

BI 204 Populations to Ecosystems Laboratory

Populations to Ecosystems Laboratory is the mandatory co-requisite for BI 202. The interactive laboratory course will concentrate on multi-week exercises that reinforce essential course concepts. Student designed experiments, the process of science, and oral and written scientific communication are focal points of the course design. Corequisite: BI 202

BI 205 Essentials of Neuroscience 3 CR

This course is an introduction to neuroscience, a discipline in which the biological and psychological sciences are integrated. This broad overview addresses topics ranging from the cellular physiology of neurons to issues of human language, cognition and mental illness. Prerequisite: BI 111, BI 113, PS 101

BI 210 Plant Biology 4 CR

Three diverse topics in plant biology are introduced: plant evolution and diversity, plant ecology, and the linked topics of ethnobotany and economic botany. Laboratory work concentrates on field methodology, plant identification and digital data collection. Three hours of lecture and three hours of laboratory per week. Prerequisites: BI 112/114, BI 201/203

BI 212 Developmental Biology 4 CR

BI 212 examines cellular and molecular aspects of animal development from gametogenesis to morphogenesis and pattern formation. Laboratory work includes investigations on fertilization, cellular differentiation, regeneration and the development of vertebrate organ systems. Three hours of lecture and three hours of laboratory per week. Prerequisites: BI 112, BI 114 and BI 201/203

BI 220 Genetics 3 CR

The study of inheritance, with emphasis on the evidence that led to the emergence of the areas of transmission and the development of molecular genetics. Ethical issues precipitated by genetic research are discussed. Three hours of lecture per week. Prerequisites: BI 111 (minimum grade of C), BI 113 (minimum grade of C), MA 131 or MA 133, CH 151 and CH 153 (math and chemistry courses may be taken concurrently). Corequisite: BI 221

BI 221 Genetics Laboratory 1 CR

Laboratory work demonstrates the power of organisms such as *E. coli*, *Drosophila*, and *S. cerevisiae* in studying transmission genetics and mutagenesis. Basic techniques in molecular biology and microbiology are introduced. Three hours of laboratory per week. Corequisite: BI 220

BI 225 Evolutionary Analysis 3 CR

Utilizing an investigative framework, students explore the relevance of evolution to real-life problems, and understand that both evolution and natural selection are observable processes. Mechanisms of evolutionary change and the history of life on earth will also be explored. Three hours of lecture per week. Prerequisite: MA 131 or MA 133, BI 112 (minimum grade of C), BI 114 (minimum grade of C); Corequisite: BI 226

BI 226 Evolutionary Analysis Laboratory 1 CR

Three hours of laboratory per week. Corequisite: BI 225

BI 230 Microbiology 4 CR

Microbial diversity and the evolution, physiology, genetics and ecology of microbes are addressed. Specific topics include: epidemiology and infectious disease and the use of microorganisms in industry and research. Laboratory work focuses on modern molecular methods of experimental microbiology and bacterial identification, including a semester-long research project. Three hours of lecture and three hours of laboratory per week. Prerequisites: BI 111/113, BI 112/114, and CH 151/153

BI 235 Principles of Biotechnology 4 CR

This course focuses on the fundamental biotechnology techniques (e.g., nucleic acid analysis and genomics, bioinformatics, cell culture and proteomics) used in modern industrial research laboratories through the application of a semester-long project. Prerequisite: BI 201/203, MA131; Prerequisite or Corequisite: CH 221/223

BI 240 Invertebrate Biology 4 CR

BI 240 examines the evolution and ecology of invertebrates including: phylogenetic relationships, life history, physiology, and morphological adaptations. Laboratory component includes dissections and field trips to Long Island Sound. Three hours of lecture and three hours of laboratory per week. Prerequisites: C or better in BI 112/114

BI 245 Vertebrate Biology 4 CR

BI 245 examines the evolution and ecology of the vertebrates including taxonomy and life history as well as the anatomy and physiology of extant and extinct vertebrates. Three hours of lecture and three hours of laboratory per week. Prerequisites: C or better in BI 112/114

BI 255 Animal Behavior 4 CR

An introduction to how animals of all different types use behaviors as strategies for interacting with the environment.

Behaviors studied include communication, habitat selection, migration, mate choice, breeding and parental care. Development and physiological control of behaviors are also examined. Three hours of lecture and one laboratory/field session per week.

Prerequisites: BI 112/114, MA 131

BI 260 Marine Biology 4 CR

BI 260 examines the structure and function of marine habitats at the organismal, population, community, and ecosystem levels. Laboratory includes field investigation of different types of estuarine and coastal habitats and design of basic and applied marine ecological investigations. Three hours of lecture and one laboratory/field session per week. Prerequisites: C or better in BI112/114, MA131.

BI 265 Conservation Biology 4 CR

The focus of this course is on the science of conservation biology in the context of environmental policy, socioeconomic demands and environmental ethics.

Prerequisite: BI 202/204

BI 299 Special Topics in Biology 3-4 CR

Special Topics are new or occasional courses that may or may not become part of the department's permanent offerings. Prerequisites are established by the department as appropriate for the specific course. Course title is shown on the student's transcript. Consult the current course schedule for available topics and prerequisites.

BI 311 Cell Biology 4 CR

Covers advanced topics in eukaryotic cell biology with emphasis on cell identity, protein transport, and cellular physiology. Laboratory work includes cell culture, immunocytochemistry, and other biological analyses. Three hours of lecture and three

hours of laboratory per week. Prerequisites: BI 201/203, CH 152/154

BI 312 Systems Physiology 4 CR

BI 312 focuses on investigation of the physiology of vertebrate systems. Topics include cardiovascular, respiratory, neural, muscular, digestive, endocrine, reproductive and excretory physiology. Laboratory instruction includes practical investigation and research projects into the physiology of vertebrates. Prerequisites: BI 201/203, CH 152/154

BI 325 Immunology 3 CR

BI 325 examines the mammalian immune response including characteristics of antigens, antibodies, and antigen-antibody interactions. Three hours of lecture per week. Prerequisite: BI 201/203

BI 345 Neurobiology 4 CR

Covers cell biology of neurons, electrical and biochemical signaling, motor control, sensation and perception, learning and memory, and brain anatomy. Laboratory instruction includes practical investigations and survey research projects into the above topics and related illnesses. Prerequisites: BI 112/114, CH 152/154

BI 350 Ecology 3 CR

Examines fundamental concepts of plant and animal interactions as revealed by field and laboratory studies of populations, communities and ecosystems. Three hours of lecture per week. Prerequisites: BI 112, BI 114, CH 152, CH 154 and MA 131; Recommended course: MA 151; Corequisite: BI 351

BI 351 Ecology Laboratory 1 CR

One three-hour laboratory/field session per week. Corequisite: BI 350

BI 355 Molecular Biology 4 CR

Provides foundations of molecular biology and recombinant DNA technology, analysis of relevant primary journal articles, hands-

on training in recombinant DNA techniques, and exposure to the use of computers in DNA sequence analysis and scientific communication. Prerequisites: BI 201/203, CH 152/154

BI 360 Internship 3-6 CR

Internships in Biology focus on gaining applied experience through study of a biological topic or an interdisciplinary project that provides majors with an opportunity to gain real-world experience not specifically available in Sacred Heart University's Biology curriculum. Students complete an internship portfolio under the direction of an appropriate professional in consultation with a biology faculty advisor.

BI 390 Supervised Research 3 CR

Individual research projects in the basic areas of Biology under the supervision of faculty. Prerequisites: A 3.0 GPA and permission of the supervising faculty member.

BI 398 Senior Seminar Preparation (Fall or Spring Junior Year) 1 CR

This course is designed for students to begin working on their Senior Thesis. Prerequisites: BI 201/203 and BI 202/204

BI 399 Senior Seminar 2 CR

Senior Seminar is the capstone course for the Biology major. The course focuses on review of current research and literature on specialized fields of current interest in biological science. An independent project resulting in a research paper on a current question of scientific, public policy, or ethical focus and a final oral presentation on a selected topic is required. Prerequisites: Senior status and permission of advisor.

CATHOLIC STUDIES

JUNE-ANN GREELEY, PH.D.

Program Director

Catholic Studies refers to academic programs that allow students to explore the Catholic Intellectual Tradition as it is manifested in any and every academic field. Catholic Studies programs are broadly interdisciplinary, and so distinguished from programs of theological or religious studies. Catholic Studies embraces the humanistic quest for knowledge, with a particular focus on the role of Catholic thinkers, Catholic ideas and values, and Catholic institutions in that quest. The insight here is that the exploration of the particular gives a deeper appreciation of the universal. Thus, the word "Catholic" in the phrase "Catholic Studies" has two meanings. On the one hand, it conveys a scholarly focus on the Roman and Eastern Catholic heritage in its theological, philosophical, historical, literary, artistic, and scientific expressions; on the other, it suggests an intellectual quest that is truly catholic—"universal" in the sense of considering how a tradition of ideas, beliefs, and values has exerted influence "throughout the whole" of Western culture and, indeed, of global society.

The goal of the minor and certificates is to provide students an interdisciplinary exposure to the ideas that constitute the Catholic intellectual traditions. To complete the certificate, a student must take four courses identified by the Director of the Program as part of the Catholic Studies Program. The courses must come from at least two different departments/disciplines, one of which must be Religious Studies. The courses change every semester; they are listed in the schedule of courses issued by the Registrar's Office. Students should consult with the director of the program to plan their course of study.

Minor in Catholic Studies

The minor in Catholic Studies requires the

completion of 18 credits.

Required Foundation Course: RS 105
Foundations of the Catholic Intellectual Tradition

Any two from the following core courses: PH 221, PH 241, PH 283, RS 242, RS 245, RS 268.

The remaining three courses must be selected from at least 2 distinct disciplines, but overall the minor course of study should include no more than 3 courses in any one discipline.

All students taking a minor in Catholic Studies must complete an Independent Study capstone course and capstone paper. The candidate for the minor in Catholic Studies has full discretion in the selection of department for the Independent Study; however, the director of the minor must be able to participate in the criteria for the capstone paper. The purpose of the capstone course and paper is to afford the candidate an opportunity to integrate his/her Catholic Studies academic history of the Catholic intellectual tradition in Catholic Studies courses into a systematic and meaningful curriculum of readings and scholarship.

Certificate in Catholic Studies

GENERAL TRACK

The Certificate in Catholic Studies requires 12 credits, by the completion of four approved Catholic Studies courses. The courses must come from at least two different departments/disciplines, one of which must be Religious Studies. To receive the Catholic Studies Certificate, the student must compile a portfolio of at least one piece of writing or other creative work that was evaluated for credit in each course. Concurrent with or after the completion of the fourth course, the student will write, as part of the portfolio, a capstone paper. This paper will present the student's personal understanding of the Catholic intellectual tradition, or critically explain two major themes in the Catholic

intellectual tradition; the paper must relate this discussion to each of the courses taken. The portfolio is due to the Catholic Studies director no later than the add/drop date of the semester following the semester in which the fourth course was completed. For more information, contact the director of Catholic Studies Program.

Catholic Social Thought Track

BRIAN STILTNER, PH.D.

Director

Since 2000, Sacred Heart University has offered the Catholic Social Thought Scholars Program (CSTS), a multiyear interdisciplinary learning experience that combines study of the Catholic Church's social teachings with a field placement in community service, culminating in a research project designed to address a particular social justice issue. Under this certificate, Catholic Social Thought Scholars take 10 credits in the following distribution:

CANDIDACY SEMESTER (TYPICALLY SPRING OF FRESHMAN YEAR)

CSP 100 CST Candidacy Seminar (1 credit)

CURRICULUM YEAR (TYPICALLY SOPHOMORE YEAR)

CC103 A or B The Human Community (3 credits)

CC104 The Human Search for Truth, Justice and the Common Good (3 credits)

Sections to be chosen in consultation with the Director of CSTS

CAPSTONE YEAR (TYPICALLY JUNIOR YEAR):

CSP 398 CST Capstone Project (3 credits)

The minor in Catholic Studies and both tracks in the certificate require the completion of a capstone project or a capstone paper.

Catholic Studies students participate in a presentation ceremony held at the end of the academic year. All Catholic Studies candidates as well as interested faculty and staff are invited. During the ceremony Catholic Studies students present a short talk on their course of study and offer a summary of and reflection on their capstone project or paper, after which they are available for questions from the audience. At the close of the ceremony, each Catholic Studies student receives a certificate in honor of their accomplishment.

Course Descriptions

CSP 100 Catholic Social Thought Candidacy Seminar 1 CR

Candidates in the Catholic Social Thought Scholars Program are introduced to volunteer service, economic problems of the local community, and theological reflection.

CSP 398 Catholic Social Thought Capstone Project 3 CR

Continuing to employ the methodologies of theological, ethical, and social reflection, the Catholic Social Thought Scholar will develop an independent research project designed to address a specific aspect of a social justice issue that has informed the scholar's study thus far. Requires participation in a seminar with other CST scholars at the capstone level.

CHEMISTRY

The Chemistry program is committed to academic excellence and seeks to prepare students for industry, graduate school or professional school. This is achieved through a broad-based education that includes exposure to the major areas of Chemistry (analytical, biochemistry, environmental, inorganic, organic and physical) in both the classroom setting and in the laboratory. The required undergraduate research component of the degree provides an opportunity for the investigation of an original project.

The strengths of the department include small class sizes; extensive interaction with faculty; an award-winning student affiliate American Chemical Society chapter; instruction that uses the latest innovations in technology, teaching pedagogy and lab equipment; opportunities for community service; and the possibility for internship and co-op positions. The department also provides strong support for students majoring in other sciences as well as for non-science majors.

The Chemistry program offers a balanced curriculum that prepares students for graduate study in the various areas of chemistry and for employment in the chemical industries. Also, the Chemistry major, coupled with selected supporting courses, provides excellent preparation for the study of medicine, dentistry and other health-related professions. To accomplish these objectives, the Chemistry program offers two degrees: the Bachelor of Science and the Bachelor of Arts. The student majoring in Chemistry with a BS degree can choose a Traditional, Biochemistry or Environmental concentration.

The Traditional concentration provides a curriculum with strong supportive courses in mathematics and physics. This program is recommended for graduate study in chemistry or as preparation for an industrial position.

The Biochemistry concentration is strongly recommended as preparation for a career in biochemistry, clinical chemistry or pharmaceutical chemistry. The program is also suitable for graduate study in biochemistry and pharmacology.

The Environmental concentration prepares the student for a career in the growing field of environmental chemistry. The student receives a strong chemistry background and takes appropriate courses in supporting disciplines. This concentration is appropriate for the student planning a career or graduate work in any of the allied environmental professions.

The Department of Chemistry also provides introductory physics courses for students in science majors. Pre-Physical Therapy, Pre-Medical, Pre-Dental, Pre-Veterinary and pre-professional programs in health-related careers. Courses of general interest to meet core science requirements for the non-science major are also offered.

Faculty - Chemistry

EID A. ALKHATIB, PH.D.
Associate Professor, Chair

JOSEPH AUDIE, PH.D.
Assistant Professor

EDWARD J. CALIGURI, PH.D.
Lecturer

LINDA FARBER, PH.D.
Assistant Professor

JOHN FLEMING, PH.D.
Lecturer

JEFFREY GLANS, PH.D.
Lecturer

DHIA A. HABBOUSH, PH.D.
Professor

PENNY A. SNETSINGER, PH.D.
Associate Professor

Faculty - Physics

MARLINA SLAMET, PH.D.
Associate Professor

Chemistry Laboratories

There are eight chemistry laboratories serving the needs of analytical chemistry, biochemistry, environmental chemistry, inorganic chemistry, organic chemistry and physical chemistry. These laboratories contain the following major equipment:

SPECTROSCOPY

NMR 400 MHz; Flame and Graphite Furnace Atomic Absorption Spectrometer + Autosampler; Raman Spectrometer; fourFT-IR Spectrometers including ATR, Ultraviolet/Visible Spectrophotometers; Near Infrared Spectrometers; Spectrofluorometer.

CHROMATOGRAPHY

Programmable Gas Chromatographs; HPLC system + Autosampler.

ELECTROCHEMISTRY

Polarographic Analyzer, Polarographic Analyzer/ Stripping Voltmeter, SMDE Electrode, RDE Electrode and Electrogravimetric Analyzer.

GC-MS

GC, MSD, Flame Ionization Detector with EPC, Purge-and-Trap Liquid Sample Concentrator, Library of Spectra and Chemical Structure Database.

OTHER EQUIPMENT

Automatic Polarimeter; Magnetic Susceptibility Balance; Flame Photometer.

Computer Facilities

Chemistry server providing licensed software for the use of students.

Major In Chemistry

REQUIREMENTS FOR THE BS DEGREE

The B.S. degree requires the completion of 38 major credits, plus 20 credits in the related fields of mathematics and physics for the Traditional concentration; and 20 credits in the related fields of biology, mathematics and physics for the Biochemistry concentrations.

Required Courses for All Concentrations

CH 151	General Chemistry I
CH 152	General Chemistry II
CH 153	General Chemistry Laboratory I
CH 154	General Chemistry Laboratory II
CH 221	Organic Chemistry I
CH 222	Organic Chemistry II
CH 223	Organic Chemistry Laboratory I
CH 224	Organic Chemistry Laboratory II
CH 252	Analytical Chemistry
CH 254	Analytical Chemistry Laboratory
CH 331	Physical Chemistry I
CH 333	Physical Chemistry Laboratory I
CH 351	Instrumental Analysis
CH 353	Instrumental Analysis Laboratory and CH 393 Undergraduate Project or CH 395 Undergraduate Research
CH 395	Undergraduate Research

Required Supporting Courses for All Concentrations

MA 140	Precalculus (waived on examination)
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MA 151	Calculus I
MA 152	Calculus II
PY 151/153	Principles of Physics I/Physics Laboratory I or PY 111/113
PY 152/154	Principles of Physics II/Physics Laboratory II or PY 112/114

Additional Required Courses for Traditional Concentration

CH 332	Physical Chemistry II
CH 334	Physical Chemistry Laboratory II
CH 355	Advanced Inorganic Chemistry

Additional Required Supporting Course for Traditional Concentration

MA 253	Calculus III
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A minimum of 10–12 credits of chemistry electives should be taken to enhance career and graduate study opportunities. Electives should be selected in consultation with the student's faculty advisor.

Additional Required Courses for Biochemistry Concentration

CH 341	Biochemistry I
CH 342	Biochemistry II
CH 343	Biochemistry Laboratory I
CH 344	Biochemistry Laboratory II

Additional Required Supporting Course for Biochemistry Concentration

BI 111	Concepts in Biology I
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In addition to the above courses, two to three chemistry electives and one to three computer science courses are strongly recommended. For pre-health professions students, BI 111 and BI 112 and two Biology courses at the 200 level or higher are recommended.

REQUIREMENTS FOR THE BA DEGREE IN CHEMISTRY

The B.A. degree requires the completion of 32 major credits plus 16 credits in the related

fields of mathematics and physics.

CH 151	General Chemistry I
CH 152	General Chemistry II
CH 153	General Chemistry Laboratory I
CH 154	General Chemistry Laboratory II
CH 221	Organic Chemistry I CH 222 Organic Chemistry II
CH 223	Organic Chemistry Laboratory I
CH 224	Organic Chemistry Laboratory II
CH 252	Analytical Chemistry
CH 254	Analytical Chemistry Laboratory
CH 331	Physical Chemistry I
CH 333	Physical Chemistry Laboratory I
CH 351	Instrumental Analysis
CH 353	Instrumental Analysis Laboratory

Chemistry elective (with department approval)

Required Supporting Courses

MA 151	Calculus I
MA 152	Calculus II
PY 151/153	Principles of Physics I/Physics Laboratory I or PY 111/113
PY 152/154	Principles of Physics II/Physics Laboratory II or PY 112/114

Minor In Chemistry

The minor in Chemistry requires the completion of the following 20 credits:

CH 151	General Chemistry I
CH 152	General Chemistry II
CH 153	General Chemistry Laboratory I
CH 154	General Chemistry Laboratory II
CH 221	Organic Chemistry I
CH 222	Organic Chemistry II
CH 223	Organic Chemistry Laboratory I

CH 224 Organic Chemistry
Laboratory II

4 credits of Chemistry electives from 200- or 300-level courses

Associate in Arts General Studies

EMPHASIS REQUIREMENTS (33 CREDITS)

CH 151	General Chemistry I
CH 152	General Chemistry II
CH 153	General Chemistry Laboratory I
CH 154	General Chemistry Laboratory II
CH 221	Organic Chemistry I
CH 222	Organic Chemistry II
CH 223	Organic Chemistry Laboratory I
CH 224	Organic Chemistry Laboratory II
CH 252	Analytical Chemistry
CH 254	Analytical Chemistry Laboratory
MA 151	Calculus I
PY 111	General Physics I
PY 112	General Physics II
PY 113	Physics Laboratory I
PY 114	Physics Laboratory II or PY 151 Principles of Physics I
PY 152	Principles of Physics II
PY 153	Physics Laboratory I
PY 154	Physics Laboratory II

Course Descriptions - Chemistry

†CHCC 103 The Human Community and Scientific Discovery 3 CR

This is the third of four courses in Sacred Heart University's Common Core Curriculum, The Human Journey. This course will examine the core's four fundamental questions of human meaning and value. From the perspective of Chemistry, students will learn about science and the natural world and science's engagement with the Catholic

intellectual tradition.

†CH 020 Drugs and Their Implications to Society 3 CR

Different classes of drugs, both legitimate and illicit, and their metabolism in the human body are studied. Basic organic chemistry is introduced. Designed for non-science majors.

†CH 025 Forensic Chemistry 4 CR

Examines the principles of chemistry as related to preservation and analysis of physical evidence in criminal cases and the presentation of evidence in a court of law. Two 75-minute lectures and one three-hour laboratory or one two-hour discussion on alternate weeks. Prerequisite: Criminal Justice major or permission of instructor

†CH 030 The Chemistry of Nutrition 3 CR

Designed for non-science majors, this course explores the fundamentals of nutrition, elaborating on the essential chemistry needed for a basic understanding of the subject matter. The course examines how carbohydrates, lipids, proteins, minerals, vitamins and antioxidants are chemically related to nutrition. The course focuses also on nutrition throughout the various life stages and how this relates to one's environment.

†CH 040 Chemistry, Society and the Environment 3 CR

Explores the workings of chemistry as an experimental science in the context of the need for science literacy and of the things affecting the everyday world and the environment. Two 75-minute lectures per week.

CH 117 General, Organic and Biochemistry, An Overview 3 CR

Designated for Nursing students, this course previews the principles of general chemistry, followed by a survey of organic chemistry. An overview of biochemistry and biomolecules and a study of metabolism and its regulation

are presented. Two 75-minute class periods.
Prerequisite: High school precollege chemistry

CH 119 General, Organic and Biochemistry Lab 1 CR

Designated for Nursing students, this course consists of 11 to 12 lab periods. Three to four dry labs are embedded within the course as a guided inquiry-based approach to the curriculum and computer problem solving and molecular modeling using HyperChem. Experiments as well as dry labs are related to the subject matter covered in CH 117. A three-hour lab period. Corequisite: CH 117

***CH 151 General Chemistry I 3 CR**

Explores modern theories of atomic and molecular structure, chemical bonding and periodic relations, chemical reactions and stoichiometry, states of matter, and solutions. Three 50-minute lectures and one 50-minute discussion per week. Prerequisite: High school chemistry

***CH 152 General Chemistry II 3 CR**

Explores chemical thermodynamics; chemical kinetics; chemical, ionic and acid-base equilibria; electrochemistry; chemistry of the representative elements and transition elements; and nuclear reactions. Three 50-minute lectures and one 50-minute discussion per week. Prerequisite: CH 151 with grade of D or better.

CH 153 General Chemistry Laboratory I 1 CR

Illustrates basic concepts presented in CH 151. Experiments include qualitative analysis of cations and anions, chromatography, synthesis and FT-IR. One three-hour laboratory per week. Corequisite: CH 151

CH 154 General Chemistry Laboratory II 1 CR

Illustrates basic concepts presented in CH 152. Experiments include quantitative analysis, equilibria, thermochemistry, spectrophotometry and GC-MS. One, three-hour laboratory per week. Prerequisite: CH

153; Corequisite: CH 152

CH 221 Organic Chemistry I 3 CR

Covers hydrocarbons; stereochemistry; arenes; alkyl halides; nucleophilic substitution and elimination reactions; and IR, NMR, MS and UV spectroscopy in relation to structure determination. Two 75-minute lectures and one 50-minute discussion per week. Prerequisite: CH 152

CH 222 Organic Chemistry II 3 CR

Covers aromaticity; electrophilic and nucleophilic aromatic substitution reactions; ethers, epoxides, carboxylic acids and their functional derivatives; aldehydes; ketones; amines; phenols; carbanion reactions; and alpha-beta unsaturated compounds. Emphasizes organic reaction mechanisms, organic synthesis and structure determination. Two 75-minute lectures and one 50-minute discussion per week. Prerequisite: CH 221

CH 223 Organic Chemistry Laboratory I 1 CR

Covers basic techniques in organic chemistry: extraction, distillation, recrystallization; thin layer chromatography; gas chromatography and IR spectroscopy. Emphasizes techniques in organic synthesis. One three-hour laboratory per week. Corequisite: CH 221

CH 224 Organic Chemistry Laboratory II 1 CR

Covers simple and multistep organic syntheses using a wide variety of organic reagents and some important functional group analyses. Employs spectroscopy and GC-MS for structure determination. One three-hour laboratory per week. Prerequisite: CH 223; Corequisite: CH 222

CH 252 Analytical Chemistry 3 CR

Explores data analysis and classical methods of quantitative analysis. Focuses on the basics of analytical chemistry and the development and application of equilibrium models to all branches of classical analysis. Two 75-minute lectures per week.

Prerequisite: CH 220 or CH 221

CH 254 Analytical Chemistry Laboratory 2 CR

Provides laboratory experience in volumetric, gravimetric and instrumental methods. Experiments correlate with lecture material in CH 252 to help students understand the chemistry involved and develop proper analytical procedures and techniques. One six-hour laboratory per week. Prerequisite: CH 154; Corequisite: CH 252

CH 331 Physical Chemistry I 3 CR

Explores thermodynamics, statistical thermodynamics, kinetic theory of gases, changes of state, solutions and kinetics. Two 75-minute lectures per week. Prerequisites: CH 152, CH 154, MA 151 and PY 152

CH 332 Physical Chemistry II 3 CR

Explores advanced kinetics and quantum mechanics. Two 75-minute lectures per week. Prerequisite: CH 331; co-or prerequisite: MA 253 or permission of instructor

CH 333 Physical Chemistry Laboratory I 1 CR

Explores various techniques used to apply the fundamental concepts of physical chemistry to real chemical systems. One three-hour laboratory per week. Corequisite: CH 331

CH 334 Physical Chemistry Laboratory II 1 CR

Explores more advanced techniques of physical chemistry and applies theoretical concepts learned in CH 332 to real chemical systems. One three-hour laboratory per week. Prerequisite: CH 333; Corequisite: CH 332

CH 341 Biochemistry I 3 CR

Covers chemical and physiological properties of carbohydrates, lipids, amino acids, proteins, enzymes and nucleic acids. Explores metabolic pathways and enzymology. Two 75-minute lectures per

week. Prerequisite: CH 222

CH 342 Biochemistry II 3 CR

Continues the study of metabolic pathways. Two 75-minute lectures per week. Prerequisite: CH 341

CH 343 Biochemistry Laboratory I 1 CR

Investigates chemical and physical properties of biologically important compounds using chromatography, electrophoresis, enzyme assays and various techniques for isolation and identification of biochemicals and enzymes. One three-hour laboratory per week. Corequisite: CH 341

CH 344 Biochemistry Laboratory II 1 CR

Examines isolation and purification of lipids, proteins, enzymes and nucleic acids from biological materials employing electrophoresis, chromatography, spectrophotometry and fluorometry. One three-hour laboratory per week. Corequisite: CH 342

CH 351 Instrumental Analysis 3 CR

Explores theory and practice of instrumental methods of analysis; spectrophotometric, electroanalytical and chromatographic methods of separation and quantification. Two 75-minute lectures per week. Prerequisites: CH 252 and CH 331 or permission of instructor

CH 353 Instrumental Analysis Laboratory 1 CR

Provides hands-on experience with modern analytical instrumentation, including UV/visible infrared, atomic absorption spectrophotometry, potentiometric and ion selective electrode methods, electrodeposition, gas chromatography and mass spectrometry. One three-hour laboratory per week. Corequisite: CH 351

CH 355 Advanced Inorganic Chemistry 4 CR

Explores physical and chemical properties of the elements and their compounds, periodic

relations, theories of atomic and molecular structures and molecular symmetry with emphasis on coordination chemistry. Two 100-minute lectures per week. Prerequisite: CH 331

CH 361 Environmental Chemistry 3 CR

Explores chemical aspects of the human environment and sources, reactions, transport, effects and fates of chemical species in water, soil and living environments and effects of technology thereon. Two 75-minute lectures per week. Prerequisite: CH 222

CH 365 Environmental Sampling and Analysis 3 CR

Laboratory and field work including sampling of surface and groundwater using EPA-approved methods for analyzing water, wastewater, soil and sediments. Also covers QA/QC plans and statistics in chemical analysis and sampling protocols. One 100-minute lecture and one three-hour laboratory per week. Prerequisite: CH 361

CH 393 Undergraduate Project 3 CR

A special project may be carried out under the advisement of a Chemistry faculty member. Prerequisite: Permission of project advisor

CH 395 Undergraduate Research 3 CR

Research may be carried out under supervision of a Chemistry faculty member. Prerequisite: Permission of research advisor

CH 399 Special Topics in Chemistry 2-3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Consult the current course schedule for available topics.

Course Descriptions - Physics

***PYCC103 The Human Community and Scientific Discovery 3 CR**

This is the third of four courses in Sacred Heart University's Common Core Curriculum, The Human Journey. As part of The Human Journey curriculum, this course will address the four fundamental questions of human meaning and value from the perspective of the academic disciplines of Physics and Theology. PYCC103 will examine the relationships between our human explorations of the universe through science, in general, and physics, in particular. We will examine Physics as a fundamental and practical human endeavor which helps us understand and appreciate the natural world as part of God's provision and revelation for us. As with all of the courses that make up the Common Core, the four fundamental questions will serve as the threads that will serve as the framework for the fabric of the course.

***PY 045 Physical Geology 3 CR**

Students are introduced to the forces and phenomena that have created earth. The State of Connecticut will be utilized as the laboratory illustrating the theories presented in the classroom. Participants will be involved in process thinking, problem solving, and the application of knowledge in a field laboratory setting. Observation, data collection, and hypothesizing are utilized in individual and group investigations.

***PY 055 Science and the Bible 3 CR**

This course investigates selected events noted in the Bible: Creation, Eve, Moses' Ten Plagues, Noah's Flood, Sodom and Gomorrah, and the Star of Bethlehem.

***PY 090 Basic Astronomy 3 CR**

Explores the universe briefly. Emphasis is on the solar system and recent space explorations. Observations of the sky and/or visit(s) to planetariums.

***PY 100 Elements of Physics 4 CR**

Covers the basic laws of mechanics, properties of matter, electricity, magnetism and modern physics with an introduction to quantitative laboratory. Designed for health-related professions. Prerequisite: MA 106 or higher

***PY 105 First Half of General Physics I 3 CR**

Noncalculus-based course covering the first half of the material in the standard General Physics I (PY 111): units, vectors, 1D and 2D motion, concepts of force, torque and static equilibrium. Intended for students who do not have a strong background in problem solving and math skills, or have never taken physics courses before. Should not be taken with General Physics I Lab (PY 113). Prerequisite: MA 140 or equivalent

***PY 106 Second Half of General Physics I 3 CR**

Continuation of PY 105. Noncalculus-based course covering the second half of the material in the standard General Physics I (PY 111): energy, work, momentum, rotational motion, gravitation, fluid mechanics, temperature and thermal expansion. Intended for students who do not have a strong background in problem solving and math skills. Students who have completed this course may register for General Physics II (PY 112). Prerequisite: PY 105

***PY 111 General Physics I 3 CR**

Noncalculus-based course covering the basic principles of mechanics (units, vectors, 1D and 2D motion, concepts of force, torque, static equilibrium, energy, work, momentum, rotational motion, and gravitation), fluid mechanics, temperature and thermal expansion. Students who do not have a strong background in problem solving and math skills have an option to take the 2semester sequence (PY 105 and PY 106), instead of PY 111. Prerequisite: MA 140 or equivalent

***PY 112 General Physics II 3 CR**

Noncalculus-based course covering basic principles of thermodynamics, wave motion, sound, electricity, magnetism, light and geometrical optics. Prerequisite: PY 106 or PY 111

PY 113 Physics Laboratory I 1 CR

Fundamental training in physical measurements in mechanics (base physical quantities, vectors, acceleration of gravity, concepts of force, torque, static equilibrium, energy, momentum, rotational motion), and Archimedes' principle. Corequisite: PY 106 or PY 111; PY 113 can also be taken after completion of PY 106 or PY 111

PY 114 Physics Laboratory II 1 CR

Fundamental training in physical measurements in specific heat, wave motion, sound, electricity, light and optical devices. Corequisite: PY 112; PY 114 can also be taken after completion of PY 112

***PY 151 Principles of Physics I 3 CR**

Calculus-based course, covering basic principles of mechanics (units, vectors, 1D and 2D motion, concepts of force, torque, static equilibrium, energy, work, momentum, rotational motion, and gravitation), and fluid mechanics. Prerequisite: MA 152 or equivalent

***PY 152 Principles of Physics II 3 CR**

Calculus-based course, covering basic principles of thermodynamics, wave motion, sound, electricity, magnetism, light and geometrical optics. Prerequisite: PY 151

PY 153 Physics Laboratory I 1 CR

Same as PY 113. Corequisite: PY 151; PY 153 can also be taken after completion of PY 151

PY 154 Physics Laboratory II 1 CR

Same as PY 114. Corequisite: PY 152; PY 154 can also be taken after completion of PY 152

COMMUNICATION AND MEDIA STUDIES

The Department of Communication and Media Studies (CMS) combines the social and cultural analysis of media and communication technologies with media production, including digital video, broadcast and print journalism, television, radio, photography, advertising, public relations, and digital multimedia. The CMS curriculum is interdisciplinary by nature and international in scope, blending theory and practice, the historical and the contemporary and the mainstream with the alternative.

The department offers two undergraduate majors, Digital Communication (DC) and Media Studies (MS), with the MS major divided into two concentrations: Film, Television and Media and Journalism. Both DC and MS majors explore everything from broadcasting, filmmaking and journalism to advertising, public relations, web design and digital and multimedia production. The department gives all of its students immediate access to the latest technology and software in order to prepare them for the career path they choose within the media or communication industries or in another field.

Our overall goal is to produce responsible media scholars, consumers and communication professionals who 1) analyze the social effect, moral substance, and aesthetic value of the media, and 2) learn the social and creative skills involved in the conception, shaping, and execution of their own media/communication projects and career paths.

Faculty

LORI BINDIG, PH.D.
Assistant Professor

JAMES CASTONGUAY, PH.D.
Associate Professor

DEBBIE DANOWSKI, PH.D.
Associate Professor, Chair

GREGORY GOLDA, M.ED.
Clinical Instructor

SIDNEY GOTTLIEB, PH.D.
Professor

ANDREW MILLER, PH.D.
Associate Professor

SARA ROSS, PH.D.
Associate Professor

Media Studies Facilities

The CMS facilities include a studio for beginning and advanced HD television production courses and the state-of-the-art Hubert J. Schlafley, Jr. Digital Media Lab equipped with high-end multimedia workstations running the most up-to-date programs including Apple's Final Cut Studio and Adobe's Creative Suite software. Our large inventory of production equipment ensures that as soon as students declare their major in DC or MS that they have consistent access to the latest tools and software for their projects, and gain the skills and knowledge necessary for successful careers in the media and communication industries.

Major in Digital Communication

Digital Communication (DC) is an interdisciplinary major housed in the Department of Communication and Media Studies and supported by courses offered through Computer Science and Information Technology, Art and Design, and CMS. The program is directed towards students who wish to become leaders in creating the communication environment of the future, and to those interested in the broader implications of understanding the theory as well as the practice of communication and technology. This is a program for those who understand that communication and

technology are the unifying forces in the world, that cyberspace represents the marriage of humanism and technology, and that liberal arts and technology constantly are not mutually exclusive terms.

The major in Digital Communication consists of 42 credit hours, including 12 required courses and 6 elective credits. In addition, CS100 must be taken as part of the elective core. For DC majors CM 101 is a prerequisite for all other courses in the major.

REQUIRED COURSES

CS 101	Web Design and Visual Tools
CS 104	Digital Animation and Gaming
CS 232	Human Computer Interaction
CS 319	Computer Ethics: Society and Technology
CM 101	Introduction to Media Culture
CM 102	Introduction to Media Production
CM 215	Technical Communications
CM 224	Democratic Technologies
CM 253	Digital Culture
CM 254	Media and Democracy
CM 397	Senior Project

ELECTIVE COURSES

Students are required to take an additional six credits of required course work, and most students select these courses from the departments of Art and Design, Computer Science, and/or Communication and Media Studies. DC Majors may venture into other departments for these required electives, but in all cases courses must be approved in writing by the program director. Possible course selections include:

AR 114	Digital Design Basics
AR 211	Graphic Design I
HI 276	The Rise of Modern Science
CM 124	History of Broadcasting
CM 126	History of Advertising & Public Relations/Advertising

CM 221-321	Digital Film Production I, II
CM 225	Multimedia Field Production
CM 227	Advertising & Public Relations/ Advertising: Practical Applications
CM 251	Studies In Self Help Books
CM299	Special Topics in Media Studies
CM 300	Special Topics in Media Production
PH 256	The Philosophy of Technology
SO 257	Technology, Culture and Society

Course Descriptions

CS 100 Introduction to Information Technology 3 CR

An introduction to computing and data processing for non-computer science majors. This course is half theory and half hands-on application using Microsoft Office. It includes word processing, spreadsheets, databases and some work with the Internet. This course provides the knowledge and understanding necessary to communicate effectively in the personal computing environment of business today.

CS 101 Web Design and Visual Tools 3 CR

This course aids in the understanding of the design and production of web sites. It discusses what design elements go into web page development. Students browse sites and identify good design elements. They construct their own web page early on and allow it to evolve throughout the semester. Prerequisite: CS 100 or permission of department chair

CS 232 Human Computer Interaction 3 CR

Focuses on how developers and designers of computer systems can produce computers that are beneficial to the user and easy to use. Human-computer interaction is the intersection of human behavior and computer technology. In understanding human behavior, developers can evaluate

what makes the computer easy to learn and use. The course examines the ways people interact with computers and how to incorporate this knowledge into the design and evaluation of new technology. Prerequisite: CS 100 or CS 112

CS 319 Computer Ethics: Society and Technology 3 CR

This course focuses on the ethical and social issues associated with computer technology such as privacy, theft, intellectual property, accountability, hacking, and cracking, codes of ethics and professional responsibility. Students also examine philosophers such as Aristotle, Kant and Mill, as well as Virtue ethicists. This course is a Senior-level capstone course. It emphasizes both oral and written communication as students discuss and examine their own ethical beliefs. Prerequisites: Junior/Senior status, PH 101, RS 101, or permission of instructor

CM 102 Introduction to Media Production 3 CR

Introduction to a wide ranging study of multimedia production. Students will learn audio and video production techniques and create media for on-line distribution.

CM 215 Technical Communications I 3 CR

Introduces the most important elements of communications in the professional world of technology and newer media. Students study common types of reports and learn fundamental techniques for preparing reports, final copy, and web page content. Prerequisites: EN 110, CT 101

CM 221-321 Digital Film & Video Production I, II 3 CR each

An introduction to the basic techniques of cinematic composition and editing. Presents the basic administrative and aesthetic aspects of filmmaking. Prerequisite: CM 101

CM 224 Democratic Technologies 3 CR

Focuses on the creative use of technologies

available to the American consumer. Instruction in alternative audio and visual production encourages students to express themselves and distribute media content using available consumer and public access technologies. Laptop computers are required to digitize audio and visual projects and for Internet research. Prerequisite: CM 101

CM 225 Multimedia Field Production 1-3 CR

An opportunity for outstanding Media Studies majors to assist in the planning and production of media projects contracted by Sacred Heart University or by outside agencies. By permission of the chairperson of the faculty of Communication Studies. Offered only when appropriate projects are available. Consult the current course schedule for available topics and required prerequisites.

CM227 Advertising and Public Relations Production 3 CR

Applies various theories of advertising and public relations to specific practical problems in the commercial and nonprofit world. Students experiment with form and style by producing advertising and public relations campaigns for new products, public service projects and/or political candidates in several different media. Prerequisite: CM 101

CM 253 Digital Culture 3 CR

Considers digital and technologically mediated environments as "mass media" in the tradition of film, radio or television. Using a variety of approaches, including historical, sociological, economic, technological, cultural and aesthetic, this course looks at questions such as how does the Internet codify reality? How are communities both created and thwarted? What are the characteristics of the global media culture? Readings, screenings and written reports required. Prerequisite: CM 101

CM 254 Media and Democracy 3 CR

Examines the relationships between the mass media (film, television, newspapers

and the Internet), the public and politics. Historical case studies analyze from ethical, economic, social, historical, aesthetic and technological perspectives how the media provide (or do not provide) a place through which people express their views as citizens in a democracy. Current media examples are also investigated. Readings, screenings and written reports required. Prerequisite: CM 101

CM 300 Special Topics in Media Production 3 CR

New or occasional courses in advanced video production such as approaches to editing, audio recording techniques, digital storytelling or computer-aided design. Course title is shown on the student's transcript. Consult the current course schedule for available topics and required prerequisites.

CM 384 Irish Cinema: Theory and Practice 3 CR

This course is an opportunity for students to engage with both the study and production of Irish cinema. During the morning sessions, students will examine and explore the rich cultural history of Irish filmmaking as they screen and discuss movies from the 1930's to the current day. In the afternoons, students will learn the basics of video production and will work in teams to produce short video documentaries focusing on the town of Dingle and its surrounding community. No prior production experience is required.

CM 399 Capstone in Communication Technology 3 CR

Culminating course for the Digital Communication major. Students integrate what they have learned in the major in an experiential setting. Must be accomplished under guidance of a faculty director and in consultation with CT Coordinator. Prerequisite: Senior standing

AR 114 Digital Design Basics 3 CR

An introduction and exploration of primary graphic design programs concentrating on

Adobe Photoshop and Adobe Illustrator. Basic design concepts are explored in assignments, ensuring a basic understanding of the technological tools of design.

AR 211 Graphic Design I 3 CR

An introduction to classical and modern typefaces, the mechanics of type composition and the fundamentals of layout. Consideration is given to the selection of typefaces that enhance thought and idea. Prerequisite: AR 214

HI 276 The Rise of Modern Science 3 CR

Starting with their origins in the Scientific Revolution of the 16th century, this course presents the major scientific developments in Western life and their impact on society. Topics include the Copernican Universe, Darwinian biology and several major scientific advancements in the 20th century.

PH 256 The Philosophy of Technology 3 CR

Representative views of the social role of technology. Two fundamental questions are addressed. The extent of technology's impact on social institutions and individual lives. And, to what degree is this impact beneficial or harmful? Prerequisite: PH 101

SO 257 Technology, Culture and Society 3 CR

With the increasing saturation of biotechnology, cyberotechnology, communication/media technology, etc., in the world, it is prudent to study the overall relationship of technology to culture and society and to consider the social impact of the next wave. While identifying serious problems and risks, the course also explores the proposition that technology can be shaped and guided to be a positive force. Prerequisite: SO 110

Major in Media Studies

Students majoring in Media Studies have the choice of two concentrations: Film, Television and Media (FTM) or Journalism. Media Studies majors concentrating in FTM are required to take courses relevant to their area of study with a particular emphasis on the moving image, while those concentrating in Journalism will take courses focusing on written and multimedia journalism. These academic paths, however, are meant to be enriching rather than confining. The Department of Communication and Media Studies understands that our field engages with a constantly changing media landscape, and we are committed to giving our students ample room within the major to choose their own path.

The MS requires the completion of 48 credits as follows:

REQUIRED COURSES FOR ALL MAJORS

CM 101	Introduction to Media Culture
CM 102	Introduction to Media Production
CM 301	Senior Seminar in History and Theory
CM 397	Senior Project I
CM 398	Senior Project II

REQUIRED COURSES FOR FILM, TELEVISION AND MEDIA CONCENTRATION

CM 121	History of Film I OR
CM 122	History of Film II OR
CM 123	History of Film III OR
CM 124	History of Broadcasting
CM 201	Art of the Moving Image
CM 212	Media Literacy: Critical Writing

REQUIRED COURSES FOR JOURNALISM CONCENTRATION

CM 124	History of Broadcasting OR
CM 125	History Journalism OR
CM 126	History of Advertising/Public

Relations

CM 211	News Writing and Reporting
CM 226	Magazine Production I OR
CM 229	Photojournalism OR
CM 271 TV	News Magazine Production I

In addition, eight CMS electives are required of all Media Studies majors. Three of these must be in media production courses and three must be in media history or theory. The two additional electives may be in history and theory or production.

PRODUCTION (CHOOSE THREE)

CM 221 - 321	Digital Film & Video Production I, II
CM 222 - 322	Television Studio Production I, II
CM 223	Digital Photography I
CM 224	Democratic Technologies
CM 225	Multimedia Field Production
CM 226 - 326	Magazine Publication Production I, II
CM 227	Advertising and Public Relations; Production Practical Apps.
CM 228	Radio Production - Journalism/ Podcasting
CM 229	Photojournalism
CM 241	Comics & Animation
CM 271 - 371	TV News Magazine Prod I, II
CM 272 - 372	Sports Broadcasting I, II
CM 273	Television & New Media Journalism
CM 275	DVD Authoring
CM 276	Digital Editing
CM 277	Screenwriting
CM 278	Multimedia Outreach
CM 300	Special Topics in Multimedia Production
CM 311	News Writing and Reporting II
CM 312	Freelance Writing
CM 313	News Editing

CM 323	Digital Photography II
CM 324	Single Camera Directing
CM 325	Visual Effects/Motion Graphics
CM 396	Communication Internship

HISTORY AND THEORY (CHOOSE THREE)

CM 121	History of Film I
CM 122	History of Film II
CM 123	History of Film III
CM 124	History of Broadcasting
CM 125	History of Journalism
CM 126	History of Advertising and Public Relations
CM 212	Media Literacy
CM 251	Studies in Self Help Books
CM 252	Sport, Culture & the Media
CM 253	Digital Culture
CM 254	Media and Democracy
CM 255	History of Documentary Still Photography
CM 256	Magazines & Body Image
CM 257	Women & Advertising
CM 258	Social Networks/Viral Media
CM 299	Special Topics in Communication & Media Studies
CM 351	Women in Film & Television
CM 352	Documentary Film/Television
CM 353	National Cinemas
CM 354	Film & Television Genres
CM 355	Film & Television Directors
Two additional courses in History and Theory or Production	

A Media Studies advisor may prescribe and approve alternatives.

Minor in Media Studies

The minor in Media Studies requires the completion of the following 18 credits:

REQUIRED COURSES FOR MINOR

CM 101	Introduction to Media Culture
Two Production Courses	
Two History and Theory courses	
CM 301	Senior Seminar or CM 398 Senior Project II

Associate in Arts General Studies

EMPHASIS REQUIREMENTS (15 CREDITS)

CM 101	Introduction to Media Culture
CM 201	The Art of the Moving Image or CM 301 Senior Seminar in History and Theory

One Production course

Two Media Studies electives

Course Descriptions

CM 101 Introduction to Media Culture 3 CR

Introduction to media technology, examining the impact of radio, television, newspapers, still photography, film and the computer on the human condition. Trains the student to be a perceptive consumer of contemporary mass media by exploring how each medium codifies reality. Readings, screenings, and written assignments required.

CM 102 Introduction to Media Production 3 CR

Introduction to a wide ranging study of multimedia production. Students will learn audio and video production techniques and create media for on-line distribution.

CM 121 History of Film I 3 CR

Introduction to the historical development of filmmaking from 1895 to 1945, highlighting the evolution of the film as a means of expression. Films from the past are shown at

each class meeting followed by a discussion of several aspects of the film.

CM 122 History of Film II 3 CR

History of the Motion Picture II covers from 1945 to 1975, including extensive screening of classic films. Readings, screenings, and written assignments required. May be taken out of sequence.

CM 123 History of Film III 3 CR

This course covers the history of motion pictures from 1975 to the present, including extensive screening of classic and contemporary films. Readings, screenings, and written assignments required. May be taken out of sequence.

CM 124 History of Broadcasting 3 CR

Explores the history of radio and television broadcasting, including financing of research, technological developments, regulation, structure of genres, the social context and values of programs, legal and political implications of national and international broadcasting and the effect on cultural identity and national sovereignty.

CM 125 History of Journalism 3 CR

Investigates the social history of American journalism from the penny press to the World Wide Web, including technological developments in news gathering and delivery, regulation and consolidation of the press, social and political implications of coverage, effects of changes in literacy and society, comparisons with other models and trends toward globalization.

CM 126 History of Advertising and Public Relations 3 CR

Provides a critical overview of the history, purpose, and various methods related to advertising and public relations. Students analyze the semantic and syntactic properties of ads and public relations campaigns from the consumer point of view with special emphasis on how they

communicate persuasively. Readings, screenings, and written assignments required.

CM 201 The Art of the Moving Image 3 CR

A study of the language of moving pictures. Unlike the linear sequence of speech and the written word, moving pictures create a simultaneity of sensory perception. Through an intensive study of experimental and feature films, this course explores the nature of the moving images and how they are organized to create a whole. Prerequisite: CM MS 101

CM 211 News Writing and Reporting I 3 CR

An introduction to basic news writing and journalistic reporting principles. Concepts of journalism provide a format for an analysis of the news media and the responsibilities of a journalist in today's society. Workshop sessions utilize the concepts in practical work. Prerequisites: EN 110 and CM MS 101

CM 212 Media Literacy 3CR

This course expands on CM 101 with extensive examination of theories of media effects on behavior, values, and social/political structures, with an emphasis on contemporary media and the consequences of the shift to an online digital environment.

CM 221 - 321 Digital Film & Video Production I, II 3 CR each

An introduction to the basic techniques of cinematic composition and editing. Presents the basic administrative and aesthetic aspects of filmmaking. Prerequisite: CM 101

CM 222 Television Studio Production I 3 CR

An introduction to multi-camera studio production.

CM 223 - 323 Digital Photography I, II 3 CR each

First semester is an introduction to the fundamentals of digital photography.

Topics include camera care and handling; visual literacy; composition; the nature of light, color, portraiture and experimental photography. Second semester is built around advanced techniques in digital production. Critical discussions on the photography of major artists supplements the practical work. A digital camera with manual operative is required. Students are responsible for processing costs. Prerequisite: CM 101

CM 224 Democratic Technologies 3 CR

Focuses on the creative use of technologies available to the American consumer. Instruction in alternative audio and visual production encourages students to express themselves and distribute media content using available consumer and public access technologies. Laptop computers are required to digitize audio and visual projects and for Internet research. Prerequisite: CM 101

CM 225 Multimedia Field Production 1-3 CR

An opportunity for outstanding Media Studies majors to assist in the planning and production of media projects contracted by Sacred Heart University or by outside agencies. By permission of the chairperson of the faculty of Communication Studies. Offered only when appropriate projects are available. Consult the current course schedule for available topics and required prerequisites. Prerequisite: CM 101

CM 226 - 326 Magazine Production I, II 3 CR

Overview of the entire process of magazine publication. Topics include history, theory and status of contemporary publication, concept research and development of new magazines, writing and editing of articles, desktop publishing layout and design, marketing and advertising campaigns, new technologies and the future. Students conceive and produce individual magazines. Prerequisite: CM 101

CM 227/MS 298 Advertising and Public Relations; Practical Applications 3 CR

Applies various theories of advertising and public relations to specific practical problems in the commercial and nonprofit world. Students experiment with form and style by producing advertising and public relations campaigns for new products, public service projects and/or political candidates in several different media. Prerequisite: CM 101

CM 228 Radio Production-Journalism/ Podcasting 3 CR each

An introduction to basic radio production. Students prepare for the FCC third-class license, learn the audio control board and develop concepts of radio broadcasting. Because WSHU is integrated into the courses as a laboratory and program outlet, students are required to function as staff members. Prerequisite: CM MS 101

CM 229 Photojournalism 3 CR

Students develop skills and Insights necessary to document strong visual Images, and use those Images to create a photo essay. Course encompasses preparation, research, taking photographs, and editing, as well as examining the changing digital world, magazine work & publishing and the business of photography.

CM 241 Comics & Animation 3 CR

A fast-paced survey of the history and theory behind comics, comic books and animation. Creative projects teach the methods of creating sequential art and animation from paper to CGI.

CM 251 Studies in Self Help Books 3 CR

In this course, students will analyze a self-help book of their choice through journal writing exercises outlined in their chosen text. Drawing on research in the field, students will evaluate the effectiveness of their chosen text.

CM 253 Digital Culture 3 CR

Considers digital and technologically mediated environments as "mass media" in the tradition of film, radio or television. Using a variety of approaches, including historical, sociological, economic, technological, cultural and aesthetic, the course looks at questions such as how does the Internet codify reality? How are communities both created and thwarted? What are the characteristics of the global media culture? Readings, screenings, and written assignments required. Prerequisite: CM MS 101 or CT 101

CM 254 Media and Democracy 3 CR

Examines the relationships between the mass media (film, television, newspapers and the Internet), the public and politics. Historical case studies analyze from ethical, economic, social, historical, aesthetic and technological perspectives how the media provide (or do not provide) a place through which people express their views as citizens in a democracy. Current media examples are also investigated. Readings, screenings, and written assignments required. Prerequisite: CM 101

CM 255 History of Documentary Still Photography 3 CR

The history of documentary still photography from its beginning in the 1840s through the present is studied. Focus is on analyzing the photographs, as well as the social and historical contexts in which they were made, to come to some conclusions about the nature of documentary photography. Students with photographic experience and equipment may, with the permission of the instructor, choose to do a documentary photography project instead of a final paper.

CM 256 Magazines & Body Image 3CR

This class will explore body image representations portrayed in popular American magazines from a media literacy perspective. Drawing on research about media influence and instructional capabilities

from such researchers as Schramm, Bandura, Comstock and Liebert.

CM 257 Women & Advertising 3 CR

Exploration and in depth analysis of women's images portrayed in American advertising from a media literacy perspective, using research about the influence of advertising on women's roles and attitudes.

CM 271 TV News Magazine Prod. I 3 CR

Students develop, plan, write, edit and produce news story projects on a regular basis, and contribute to the creation of The Pulse, the SHU News Magazine Show, broadcast over television and the Internet at Sacred Heart.

CM 273 Television & New Media Journalism 3 CR

A production course designed to introduce students to the techniques of electronic journalism. Students also learn to analyze and constructively criticize the process and product. Prerequisite: CM 101

CM 275 DVD Authoring 3 CR

An introduction to DVD multimedia production techniques. Focus is on mastering the technical elements of advanced digital video editing and DVD authoring technology and developing a familiarity with the grammar of multimedia more generally. Students develop and produce a variety of projects culminating in their own DVD portfolio. Prerequisite: Any other CM production course or permission of instructor

CM 276 Digital Editing 3 CR

Designed to provide training with tools necessary for editing digital audio and video. Course examines the construction of stories and messages in the digital media that surrounds us. Students will become more effective creators and consumers of media culture.

CM 277 Screenwriting 3 CR

An introduction to writing for fiction and nonfiction film and television. Topics include basic dramatic theory, narrative structure, characterization, dialogue, adaptation and the unique demands of the audio/visual media, as well as pragmatic matters of format and the marketplace. Prerequisites: EN 110 and CM 101

CM 278 Multimedia Outreach 3CR

Designed for advanced students already familiar with the tools of the digital journalist, students will create and produce a professional level documentary video about a community outreach program making a difference in other people's lives.

CM 299 Special Topics in Communication & Media Studies 3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on timely topics, a faculty member's particular interest, an experimental alternative to existing courses, etc. Course title is shown on the student's transcript. Consult the current course schedule for available topics and required prerequisites.

CM 300 Special Topics in Multimedia Production 3 CR

New or occasional courses in advanced video production such as approaches to editing, audio recording techniques, digital storytelling or computer-aided design. Course title is shown on the student's transcript. Consult the current course schedule for available topics and required prerequisites.

CM 301 Senior Seminar in Communication 3 CR

An interdisciplinary study of contemporary theories of mass communications. Presents an overview of the impact of mass communications by considering them as codes, symbolic systems and manipulative powers on both the conscious

and subconscious levels. Reading, writing, discussion and research are required.

Prerequisites: CM 101 and Senior standing in the major

CM 311 News Writing and Reporting II 3 CR

This advanced workshop simulates a newspaper magazine publishing atmosphere. Students are assigned roles as writers or editors for individual sections to create a student news magazine as part of the newspaper staff. Prerequisite: CM/EN 211

CM 321 Digital Film/Video Production II 3 CR

Advanced course in single-camera video production. Each student directs an original fiction or nonfiction work and provides technical support on classmates' projects. Prerequisite: CM 101

CM 325 Visual Effects and Motion Graphics 3CR

Students will learn cutting edge techniques in graphic programs and develop and complete several creative projects guided by an Instructor who is an industry professional.

CM 326 Magazine Production II 3 CR

Overview of the entire process of magazine publication. Topics include history, theory and status of contemporary publication, concept research and development of new magazines, writing and editing of articles, desktop publishing layout and design, marketing and advertising campaigns, new technologies and the future. Students conceive and produce individual magazines. Prerequisite: CM 226

CM 351 Women in Film & Television 3 CR

Films are cultural artifacts. Each film contains within itself a complex social system reflecting the attitudes, values and mores of the society that produced it. This course uncovers the values that encode the function of women on screen including the images they project; roles they assume; values they encode; and relationships they establish

with men, children and each other. Readings, screenings, and written assignments required. Consult the current course schedule for available topics and required prerequisites.

CM 352 Documentary Film/Television 3 CR

Examines major epistemological, aesthetic and political concerns of documentary film and video. This course introduces students to a variety of documentary principles, methods and styles in order to explore a series of theoretical issues that are important to documentary production, representation and reception. Readings, screenings, and written assignments required. Consult the current course schedule for available topics and required prerequisites.

CM 353 National Cinemas 3 CR

Examines a particular national cinema or moment in national cinemas (e.g., New German Cinema, French New Wave, Italian Neorealism) whose contributions to the history of cinema have been significant. Attention is given to the social and cultural context, production, distribution and reception circumstances and stylistic innovations of the different filmmaking practices. Readings, screenings, and written assignments required. Consult the current course schedule for available topics and required prerequisites.

CM 354 Film & Television Genres 3 CR

A study of individual television and forms. Emphasis on the historical development of the genre, themes and stylistics of genre, meaning of programming within a cultural context, contemporary cultural significance and contribution to the history of Ideas. Readings, screenings and written assignments are required.

CM 355 Film & Television Directors 3 CR

Examines individual film directors whose contributions to the history of the cinema have been especially notable. Film and television directors are studied for their

stylistic and philosophical innovations as well as for their historical place in the medium. Each semester a particular director or directors are chosen for study. Consult the current course schedule for available topics and required prerequisites.

CM 396 Internship 1-6 CR

An opportunity for qualified upper-division Media Studies majors to gain practical experience at area media/communications companies such as radio or television stations, cable companies, newspapers, magazines and public relations firms. Prerequisite: Permission of instructor and department chairperson

CM 397/398 Senior Project I, II 3 CR

The purpose of the project is threefold: to create an opportunity for a senior Media Studies student to apply creative theory to practice; to stress the interdisciplinary aspects of media communication; and to provide the student with a "portfolio" product or research project to use as a demonstration of his or her abilities. Consult the current course schedule for available topics and required prerequisites. Prerequisite: Media Studies Senior standing

CM 399 Independent Study 1-3 CR

Work on a special topic or production to be arranged with an instructor who will direct the work. Permission of the chairperson of the faculty of Communication Studies is granted to qualified Media Studies majors on the basis of a written prospectus. Consult the current course schedule for available topics and required prerequisites.

COMMUNICATION AND TECHNOLOGY STUDIES

An interdisciplinary program, the major in Communication and Technology Studies (CTS) is directed to students who wish to become leaders in creating the communication environment of the future, to those interested in the broader implications of communication technology, understanding the theory as well as the practice, and adapting to a changing world.

In response to the need for leadership in technology, CTS focuses on the macro social and ethical issues of mediated communication, such as policy making, data information privacy, intellectual property, moral agency and the notion of the community as global. At the heart of the major is the study of the social, ethical and historical implications of computer technology. Students study a core of interdisciplinary courses that focus on communication technology, including computer technology, media studies, oral and written communication, history, sociology, psychology, philosophy and art.

Faculty

JAMES CASTONGUAY, PH.D.,
Associate Professor

GREGORY GOLDA, M.ED.
Clinical Instructor

FRANCES GRODZINSKY, PH.D.
Professor

ROBERT MCCLLOUD, ED.D.
Associate Professor

ANDREW MILLER, PH.D.
Associate Professor

Major in Communication and Technology Studies

The major in CTS consists of 42 credit hours, including 12 required courses and 6 elective credits. For Communication Technology majors CT 101 is a prerequisite for all other courses in the major.

REQUIRED COURSES

CS 101	Web Design and Visual Tools
CS 102	Multimedia for Non-Majors OR CS 104 Digital Animation and Gaming
CS 232	Human Computer Interaction
CS 319	Computer Ethics: Society and Technology
CT 101	Introduction to Communication and Technology Studies
CT 118	Technical Communications I
CT 218	Technical Communications II
CT 399	Capstone in Communication Technology
MS 280	Digital Culture
MS 287	Media and Democracy
MS 288	Democratic Technologies

ELECTIVE COURSES

Students are required to take an additional six credits of required course work, and most students select these courses from the departments of Art and Design, Computer Science, and/or Media Studies and Digital Culture. CT Majors may venture into other departments for these required electives, but in all cases courses must be approved in writing by the program director. Possible course selections include:

AR 114	Digital Design Basics
AR 211	Graphic Design I
HI 276	The Rise of Modern Science
MS 195	History of Broadcasting
MS 198	History of Public Relations/ Advertising

MS 200	Mass Media: Specific Subject
MS 213	Video Production
MS 215-315	Digital Film Production I, II
MS 293	Alternative Media
MS 298	Public Relations/Advertising: Practical Applications
MS 299	Special Topics in Media Studies
MS 300	Special Topics in Media Production
MS 395	Multimedia Field Production
PH 256	The Philosophy of Technology
SO 257	Technology, Culture and Society

Course Descriptions

CS 100 Introduction to Information Technology 3 CR

An introduction to computing and data processing for non-computer science majors. This course is half theory and half hands-on application using Microsoft Office. It includes word processing, spreadsheets, databases and some work with the Internet. This course provides the knowledge and understanding necessary to communicate effectively in the personal computing environment of business today.

CS 101 Web Design and Visual Tools 3 CR

This course aids in the understanding of the design and production of web sites. It discusses what design elements go into web page development. Students browse sites and identify good design elements. They construct their own web page early on and allow it to evolve throughout the semester. Prerequisite: CS 100 or permission of department chair

CS 102 Multimedia for Non-Majors 3 CR

This course aids the non-programmer in the understanding of multimedia authoring, incorporating text, graphics, sound and video. It discusses design and planning elements that go into multimedia

development. Students use Director and some of the scripting language, Lingo, to choreograph media objects onto a stage using a score. Prerequisite: CS 100 or permission of department chair

CS 232 Human Computer Interaction 3 CR

Focuses on how developers and designers of computer systems can produce computers that are beneficial to the user and easy to use. Human-computer interaction is the intersection of human behavior and computer technology. In understanding human behavior, developers can evaluate what makes the computer easy to learn and use. The course examines the ways people interact with computers and how to incorporate this knowledge into the design and evaluation of new technology. Prerequisite: CS 100 or CS 112

CS 319 Computer Ethics: Society and Technology 3 CR

This course focuses on the ethical and social issues associated with computer technology such as privacy, theft, intellectual property, accountability, hacking, and cracking, codes of ethics and professional responsibility. Students also examine philosophers such as Aristotle, Kant and Mill, as well as Virtue ethicists. This course is a Senior-level capstone course. It emphasizes both oral and written communication as students discuss and examine their own ethical beliefs. Prerequisites: Junior/Senior status, PH 101, RS 101, or permission of instructor

CT 101 Introduction to Communication Technology 3 CR

Explores the intersections and divergences of various technologies of mediated communication, from traditional inscription (print) to film, radio, television and electronic media. Emphasizes student inquiry and encourages web-based study and digitally-enhanced final portfolios. Prerequisite: Permission of CT coordinator

CT 118 Technical Communications I 3 CR

Introduces the most important elements of communications in the professional world of technology and newer media. Students study common types of reports and learn fundamental techniques for preparing reports, final copy, and web page content. Prerequisites: EN 110, CT 101

CT 218 Technical Communications II 3 CR

Develops skills in research techniques and increases proficiency in technical communications by focusing on all phases of the preparation of a communication technology-related project. Emphasizes the acquisition of the ability to "translate" technical information to non-specialists. Prerequisite: CT 118

CT 399 Capstone in Communication Technology 3 CR

Culminating course for the CT major. Students integrate what they have learned in the major in an experiential setting. Must be accomplished under guidance of a faculty director and in consultation with CT Coordinator. Prerequisite: Senior standing

MS 280 Digital Culture 3 CR

Considers digital and technologically mediated environments as "mass media" in the tradition of film, radio or television. Using a variety of approaches, including historical, sociological, economic, technological, cultural and aesthetic, this course looks at questions such as how does the Internet codify reality? How are communities both created and thwarted? What are the characteristics of the global media culture? Readings, screenings and written reports required. Prerequisite: MS 101 or CT 101

MS 213 Video Production 3 CR

An introduction to basic video theory and production technique. Classes focus on mastering technical elements of production and developing a familiarity with the grammar of the moving image. Students conceive and produce individual final

video projects using portable equipment. Prerequisite: MS 101 or CT 101

MS 215-315 Digital Film & Video Production I, II 3 CR each

An introduction to the basic techniques of cinematic composition and editing. Presents the basic administrative and aesthetic aspects of filmmaking. Prerequisite: MS 101 or CT 101

MS 287 Media and Democracy 3 CR

Examines the relationships between the mass media (film, television, newspapers and the Internet), the public and politics. Historical case studies analyze from ethical, economic, social, historical, aesthetic and technological perspectives how the media provide (or do not provide) a place through which people express their views as citizens in a democracy. Current media examples are also investigated. Readings, screenings and written reports required. Prerequisite: MS 101 or CT 101

MS 288 Democratic Technologies 3 CR

Focuses on the creative use of technologies available to the American consumer. Instruction in alternative audio and visual production encourages students to express themselves and distribute media content using available consumer and public access technologies. Laptop computers are required to digitize audio and visual projects and for Internet research. Prerequisite: MS 101 or CT 101

MS 293 Alternative Media 3 CR

Explores nonmainstream and noncommercial media--mechanical, electronic and digital--to understand their content, form and roles they play in our culture. The course looks at the aesthetic theories and/or social motivations, implicit or explicit in the alternative culture and in individual works. Readings, screenings and written reports required. Prerequisite: MS 101 or CT 101

MS 298 Advertising and Public Relations Production 3 CR

Applies various theories of advertising and public relations to specific practical problems in the commercial and nonprofit world. Students experiment with form and style by producing advertising and public relations campaigns for new products, public service projects and/or political candidates in several different media. Prerequisite: MS 101 or CT 101

MS 300 Special Topics in Media Production 3 CR

New or occasional courses in advanced video production such as approaches to editing, audio recording techniques, digital storytelling or computer-aided design. Course title is shown on the student's transcript. Consult the current course schedule for available topics and required prerequisites.

MS 395 Multimedia & TV Field Production 1-3 CR

An opportunity for outstanding Media Studies majors to assist in the planning and production of media projects contracted by Sacred Heart University or by outside agencies. By permission of the chairperson of the faculty of Communication Studies. Offered only when appropriate projects are available. Consult the current course schedule for available topics and required prerequisites. Prerequisite: MS 213

AR 114 Digital Design Basics 3 CR

An introduction and exploration of primary graphic design programs concentrating on Adobe Photoshop and Adobe Illustrator. Basic design concepts are explored in assignments, ensuring a basic understanding of the technological tools of design.

AR 211 Graphic Design I 3 CR

An introduction to classical and modern typefaces, the mechanics of type composition and the fundamentals of layout. Consideration is given to the selection of

typefaces that enhance thought and idea. Prerequisite: AR 214 AR 214

HI 276 The Rise of Modern Science 3 CR

Starting with their origins in the Scientific Revolution of the 16th century, this course presents the major scientific developments in Western life and their impact on society. Topics include the Copernican Universe, Darwinian biology and several major scientific advancements in the 20th century.

PH 256 The Philosophy of Technology 3 CR

Representative views of the social role of technology. Two fundamental questions are addressed. The extent of technology's impact on social institutions and individual lives. And, to what degree is this impact beneficial or harmful? Prerequisite: PH 101

SO 257 Technology, Culture and Society 3 CR

With the increasing saturation of biotechnology, cyberotechnology, communication/media technology, etc., in the world, it is prudent to study the overall relationship of technology to culture and society and to consider the social impact of the next wave. While identifying serious problems and risks, the course also explores the proposition that technology can be shaped and guided to be a positive force. Prerequisite: SO 110

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

The computer science field has demonstrated dramatic growth and technological development within the last decade. The 21st century is heralding the emergence of nanotechnology, ubiquitous computing, computer games, and wireless networking. The Computer Science and Information Technology (CS/IT) Department is responding to these technological challenges by offering a dynamic course of study that is responsive to the ever-changing field of computer technology.

(CS/IT) curriculum has three tracks: Computer Science, Information Technology and Computer Gaming - Design and Development. The Computer Science track is geared to those students with strong mathematics and the desire to participate in the research and development side of computer science. The Information Technology track is for those students interested in interface, multimedia and system design for various business applications and the Computing Gaming Design and Development track is for students who wish to design and develop games for entertainment, simulation and training.

Faculty

FRANCES GRODZINSKY, PH.D.
Professor

SANDRA HONDA ADAMS, M.S.
Associate Professor

EFIM KINBER, PH.D.
Professor

KERI MATTHEWS, M.S.
Instructor

ROBERT MCCLLOUD, ED.D.
Associate Professor

DOMENICK J. PINTO, M.A., M.A., M.S.
Associate Professor, Chair

FRANCESCO SARDO, M.S.
Instructor

Computer Science Facilities

There are three state of the art computing labs dedicated to computer science courses. These contain the latest flat screen Dell Optiplex computers with DVD, CD-R/W drives. In addition the conference room of the CS/IT department serves as a mini-lab used exclusively by CS/IT majors for projects, homework and tutoring and is equipped with the same state of the art equipment. There is also a Networking/Unix lab equipped with 15 Linux machines and a variety of Cisco routers. This closed LAN laboratory is used for networking and Unix shell programming courses and is open 24 hours a day, seven days a week for those students. All labs are on a 3-year replacement cycle.

SOFTWARE AVAILABLE IN THE LABS INCLUDES:

Microsoft Office 2010
Adobe Director 11.5
Flash CS5
Fireworks CS5
Dreamweaver CS5
V.B. Net 2010
Visual C++ 2010
Visual C# 2010
Visual Studio 2010
Borland JBuilder
Sony Sound Forge 10.0
Adobe Photoshop CS5
Visio 2010

Major in Computer Science

The major in Computer Science with a concentration in Computer Science requires the completion of 54 credits for the Computer Science track and 54 credits for the Computer Gaming track. The major in Computer Science with a concentration in Information Technology requires 52 credits. CS 110 may be required if a student has no previous programming experience.

REQUIRED COURSES FOR COMPUTER SCIENCE, INFORMATION TECHNOLOGY, AND COMPUTER GAMING DESIGN AND DEVELOPMENT TRACKS

CS 111	Introduction to Structured Programming
CS 112	Data Structures
CS 113	Discrete Structures
CS 215	Computer Systems Organization with Assembler
CS 312	Software Engineering
CS 318	Project Course
CS 319	Computer Ethics

REQUIRED COURSES FOR COMPUTER SCIENCE TRACK

CS 241	Advanced Programming Concepts Using "C"
CS 272	OOP with C# and Games
CS 311	Database Design
CS 339	Networking and Data Communication
CS 341	Analysis of Algorithms
CS 348	Programming in Unix
CS 349	Operating Systems
One Computer Science elective	

REQUIRED COURSES FOR COMPUTER GAMING TRACK

CS 171	Introduction to Computer Gaming
CS 271	Advanced Computer Gaming
CS 272	OOP with C# and Games
CS 341	Analysis of Algorithms
CS 349	Operating Systems
CS 371	Advanced Game Programming
CS 372	Building Computer Games

REQUIRED SUPPORTING COURSES FOR COMPUTER SCIENCE TRACK

MA 151	Calculus I and MA 152 Calculus II should be taken as part of the required Baccalaureate core.
MA 261	Linear Algebra
MA 331	Probability and Statistics I

REQUIRED SUPPORTING COURSES FOR COMPUTER GAMING TRACK

MA 140	Precalculus
MA 151	Calculus I
AR 110	Design: Visual Organization
AR 114	Digital Design Basics

REQUIRED COURSES FOR INFORMATION TECHNOLOGY TRACK

Math 109 Mathematics for Decision Making and Math 110 Calculus for Decision Making should be taken as part of the required Baccalaureate core.

CS 232	Human-Computer Interaction
CS 233	Visual Basic
CS 311	Database Design
CS 331	Multimedia Applications
CS 338	Systems Analysis and Design
CS 339	Networking and Data Communication

One Computer Science elective

REQUIRED SUPPORTING COURSES FOR INFORMATION TECHNOLOGY TRACK

- BU 103 Business: Its Nature and Environment
- OR**
- BU 201 Organizational Management
- MA 131 Statistics for Decision Making

Network Security Emphasis for Computer Science**COURSES REQUIRED**

- CS 111 Introduction to Structured Programming
- CS 112 Data Structures
- CS 113 Discrete Structures
- CS 215 Computer Systems Organization with Assembler
- CS 311 Database Design
- CS 312 Software Engineering
- CS 318 Project Course
- CS 319 Computer Ethics
- CS 339 Networking and Data Communications

REQUIRED COURSES FOR COMPUTER SCIENCE CONCENTRATION (NETWORK SECURITY EMPHASIS)

- CS 241 Advanced Programming Concepts Using "C"
- CS 272 OOP with C# and Games
- CS 341 Analysis of Algorithms
- CS 349 Operating Systems
- CS 367 Managing, Securing, and Designing Modern Networks
- CS 368 Hands-on Network Security

SUPPORTING COURSES FOR COMPUTER SCIENCE CONCENTRATION (NETWORK SECURITY EMPHASIS)

- MA 151 Calculus I
- MA 152 Calculus II
- MA 261 Linear Algebra
- MA 331 Probability and Statistics I

Minor in Computer Science

- CS 111 Introduction to Structured Programming
- CS 112 Data Structures
- CS 113 Discrete Structures
- CS 215 Computer Systems Organization with Assembler
- CS 272 OOP with C# and Games
- CS 311 Database Design
- CS 312 Software Engineering
- One Computer Science elective

Minor in Information Technology

- CS 111 Introduction to Structured Programming
- CS 112 Data Structures
- CS 113 Discrete Structures
- CS 215 Computer Systems Organization with Assembler
- CS 233 Visual Basic
- CS 311 Database Design
- CS 312 Software Engineering
- One Computer Science elective

Associate's Degree in Computer Science

The Associate of Science degree in Computer Science offers two concentrations: Computer Science and Information Technology. Both concentrations require the completion of 60 credits. The program is designed for high school graduates who intend to make a career in the field of Computer Science and college graduates who want to obtain a sufficient level of computer experience.

The Computer Science concentration is intended for college students majoring in mathematics or the sciences who wish to supplement their major in order to increase their employment opportunities after graduation. The Information Technology concentration is intended for high school graduates who wish to make a career in information technology and for business students or individuals working with computers who want a formal education in order to advance their careers.

COURSES REQUIRED FOR BOTH CONCENTRATIONS

CS 111	Introduction to Structured Programming
CS 112	Data Structures
CS 113	Discrete Structures
CS 215	Computer Systems Organization with Assembler

REQUIRED CORE COURSES FOR BOTH CONCENTRATIONS

ENG 110	Academic Writing
ENG 111	Effective Communication
Eight Liberal Arts electives	

REQUIRED COURSES FOR COMPUTER SCIENCE CONCENTRATION

CS 241	Advanced Programming Concepts
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Using "C"

CS 272	OOP with C# and Games
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One Computer Science and Information Technology elective (not CS 100, 101, 102, 104, 106)

REQUIRED SUPPORTING COURSES FOR COMPUTER SCIENCE CONCENTRATION

MA 151	Calculus I
MA 152	Calculus II
MA 261	Linear Algebra

REQUIRED COURSES FOR INFORMATION TECHNOLOGY CONCENTRATION

CS 232	Human-Computer Interaction
CS 233	Visual Basic

One Computer Science and Information Technology elective (not CS 100, 101, 102, 104, 106)

REQUIRED SUPPORTING COURSES FOR INFORMATION TECHNOLOGY CONCENTRATION

MA 109	Mathematics for Decision Making
MA 110	Calculus for Decision Making
BU 103	Business: Its Nature and Environment
OR	
BU 201	Organizational Management

Certificate Program in Computer Science and Information Technology

The Computer Science Certificate program provides a foundation for scientific use of computers and information technology applications. The student can earn a certificate by completing six courses from either the Computer Science or Information Technology options, provided that the

prerequisites are met.

REQUIRED COURSES FOR BOTH CERTIFICATES

- CS 111 Introduction to Structured Programming
CS 112 Data Structures

COURSES FOR COMPUTER SCIENCE CERTIFICATE

- CS 241 Advanced Programming Concepts Using "C"
CS 272 OOP with C# and Games
CS 312 Software Engineering
CS 341 Analysis of Algorithms

REQUIRED COURSES FOR INFORMATION TECHNOLOGY CERTIFICATE

- CS 101 Web Design and Visual Tools for Non Majors
CS 102 Multimedia for Non-Majors
CS 232 Human-Computer Interaction
CS 233 Visual Basic

Certificate Program in Computer Gaming Design and Development

The undergraduate certificate in Computer Gaming Design and Development utilizes all existing courses to package a certificate program particularly geared toward the part-time evening student. The certificate also feeds into a possible BS or AS degree in CS in the Computer Science or Computer Gaming track.

REQUIRED COURSES

- CS 111 Introduction to Structured Programming
CS 112 Data Structures

- CS 171 Introduction to Computer Gaming
CS 271 Advanced Computer Gaming
CS 272 OOP with C# and Games

SUGGESTED SUPPORTING COURSES (NOT REQUIRED)

- MA 140 Precalculus
MA 151 Calculus I

Course Descriptions

CS 100 - Introduction to Information Technology | 3 CR

An introduction to computing and data processing for non-computer science majors. This course is half theory and half hands-on application using Microsoft Office. It includes word processing, spreadsheets, databases, presentation software, and using the Internet as a research tool effectively. This course provides the knowledge and understanding necessary to communicate effectively in the personal computing environment of business today. Non-majors only

CS 101 - Web Design and Visual Tools for Non Majors | 3 CR

This course aids in the understanding of the design and production of web sites. It presents what design elements go into web page development. Students browse sites and identify good design elements. They construct their own web page early on and allow it to evolve throughout the semester. Prerequisite: CS 100 or permission of department chair.

CS 102 - Multimedia for Non-Majors | 3 CR

This course aids the non-programmer in the understanding of multimedia authoring, incorporating text, graphics, sound and video. It discusses design and planning elements that go into multimedia

development. Students use Flash and some of the Action scripting language to choreograph media objects onto a stage using a score. Prerequisite: CS 100 or permission of department chair

CS 104 - Digital Animation and Gaming for Non Majors | 3 CR

The class will create electronic games using digital animation and timeline control. Topics covered include: creating gaming objects with drawing and color tools; timeline-based animation techniques; controlling screen action with buttons; integrating sound into a game; publishing and exporting a game to the web.

CS 106 - Introduction to Information Technology for Business Administration for Non Majors | 3 CR

An introduction to computing and data processing for non-Computer Science majors. This course is half theory and half hands-on application using Microsoft Office. It includes, spreadsheets, databases, and presentation software, and provides the knowledge and understanding necessary to communicate effectively in the personal computing environment of business today. For Business Administration majors.

CS 110 - Introduction to Computer Science | 3 CR

An introduction to programming logic, using a suitable introductory programming language. This course presents an overview of major programming concepts (selection, loops, input-output operations, procedures and functions) and serves as an introduction to the Unix operating system and Unix-based editors. For computer science majors with no previous programming experience. Prerequisite: Computer Science major or permission of department chair

CS 111 - Introduction to Structured Programming | 3 CR

A first course in programming using a structured programming language. Topics include iteration, selection, procedures, functions and arrays with the use of flowcharts and modules. Presents applications in both business and scientific areas. Prerequisite: CS 110 or permission of department chair

CS 112 - Data Structures | 3 CR

A continuation of CS 111 using a structured programming language to implement multidimensional arrays, stacks, queues, linked lists and binary trees. Also introduces recursion, pointers, and classes. Prerequisite: CS 111

CS 113 - Discrete Structures | 3 CR

Presents mathematical concepts for computer science, including sets, relations and functions; partitions; order relations; countability; permutations and combinations; probability; recurrences; big-Oh notation; elements of abstract algebra such as groups, rings and Boolean algebras. Prerequisite: MA 006

CS 171 - Introduction to Computer Gaming | 3 CR

Designing the vector gaming environment; Storyboarding; Tween and frame-by-frame animation; Using functions to control animation timelines; Using random number functions to instantiate digital objects; Artifact movement utilizing vector plot points. Prerequisite or Co-requisite: CS 111

CS 215 - Computer Systems Organization with Assembler | 3 CR

This course presents an overview of computer architecture and computer organization as they relate to computer science. Topics include computer

components, interconnection structures, internal memory, instruction sets, number representation in computers, parallel processing and an elementary introduction to assembly programming. Prerequisite: CS 112

CS 232 - Human-Computer Interaction | 3 CR

Focuses on how developers and designers of computer systems can produce computers that are beneficial to the user and easy to use. Human-computer interaction is the intersection of human behavior and computer technology. In understanding human behavior, developers can evaluate what makes the computer easy to learn and use. The course examines the ways people interact with computers and how to incorporate this knowledge into the design and evaluation of new technology. Prerequisite: CS 100 or CS 112

CS 233 - Visual Basic | 3 CR

Explores the use of controls and tools, forms, menus, frames, file browsers and buttons, creating windows interfaces for databases, linking to Windows and Excel, writing and debugging Visual Basic code. Uses VB.net 2010. Prerequisite: CS 112

CS 241 - Advanced Programming Concepts Using "C" | 3 CR

Covers advanced programming techniques in "C," using pointers, data structures and recursion. Emphasis on algorithmic approach and use of mathematical functions. Prerequisite: CS 112

CS 261 - Programming for the Web | 3 CR

An introduction to Web-enabling technologies, this course addresses web design with HTML code, Cascading Style Sheets and Layers, Photoshop and Java script. Problems and trends faced by webmasters today are also discussed.

Prerequisites: CS 111 and Sophomore status

CS 271 - Advanced Computer Gaming | 3 CR

An object-oriented approach to programming digital objects using Flash and Action Script 3.0. These programming techniques will be applied to both arcade and adventure games. Prerequisite: CS 171 and Co-requisite or Prerequisite: CS 112

CS 272 - OOP with C# and Games | 3 CR

An object-oriented approach to computer graphics using C#. Topics covered will include: classes, instantiation, event listeners, polymorphism, encapsulation, event handlers, functions and methods, and basic game logic. Prerequisite: CS 271 and Co-requisite or Prerequisite: CS 112

CS 299 - Special Topics I | 3 CR

Various courses of current interest to the Computer Science major are introduced from time to time. Prerequisite: Sophomore status

CS 311 - Database Design | 3 CR

Explores fundamentals of database design theory and applications. Includes data models with emphasis on the relational model. Prerequisites: CS 112 and CS 215

CS 312 - Software Engineering | 3 CR

The study of software development methodology, both procedural and object oriented. This is a team project-based design course where teams develop software projects from requirements analysis through detailed design and testing. Umbrella activities such as configuration management, quality assurance, writing documentation, ethics and costing are covered. Automated software design tools are used and oral and written presentations required. Prerequisite: CS 311

CS 318 - Project Course | 3 CR

Students sign up for this senior project course one semester before the graduating semester, because of the independent study/work involved. Students work with a faculty member in the department and a mentor to define and implement an acceptable project. The student is required to assess requirements, design software and write detailed documentation that illustrates and supports design choices. Test plans, usability testing and prototypes are also required. Students present their projects to the department faculty and public as the culmination of this project. Prerequisites: Senior status and permission from Computer Science Department

CS 319 - Computer Ethics | 3 CR

This course focuses on the ethical and social issues associated with computer technology such as privacy, theft, intellectual property, accountability, hacking and cracking, codes of ethics and professional responsibility. Students also examine philosophers such as Aristotle, Kant and Mill and use their theories to support ethical debate and dialogue. This course is a Senior-level capstone course. It emphasizes both oral and written communication as students discuss and examine their own ethical beliefs in relation to society and technology. Prerequisites: Junior/Senior status, PH 101 or permission of instructor

CS 331 - Multimedia Applications | 3 CR

This course aids in the understanding of multimedia authoring, incorporating text, graphics, sound and video. It discusses design and planning elements that go into multimedia development. Students use Flash and Action scripting to choreograph media objects onto a stage using a score. It is designed for students with programming experience. Prerequisite: CS 112

CS 338 - Systems Analysis and Design | 3 CR

An advanced design course that studies the application of computer solutions to business problems. This is a project-based course where teams set milestones and present object-oriented analysis and design of their solutions. Oral and written presentations are required and automated software tools are used. Prerequisite: CS 312

CS 339 - Networking and Data Communication | 3 CR

The study of networks and data communication concentrating on the Internet model. This is a laboratory-based course that includes projects implemented on both Unix and Windows machines. Topics such as LANs, WANs and MANs; hardware, software, protocols, routing, circuit-switching and packet-switching networks, analog and digital systems, compression and error handling are among those studied. Students use a simulation package to design and simulate networks. Prerequisites: CS 338 or CS 341 and Senior status

CS 341 - Analysis of Algorithms | 3 CR

Emphasis on theory and techniques underlying the analysis of algorithms including big/little-Oh, graphs and networks, searching, sorting, recursion and classical algorithms. Prerequisites: CS 112 and MA 151

CS 348 - Programming in Unix | 3 CR

Discusses main issues of Unix OS programming and administration. Explores the popular Unix text editor Emacs, Unix file system, process manipulation, regular expressions and their uses, filters, and system administration and security. Prerequisites: CS 241 and CS 341

CS 349 - Operating Systems | 3 CR

Examines resource management, including memory allocation and management, virtual

memory, process scheduling, protection, deadlock and concurrency, case studies and multiprocessing. Prerequisite: CS 341

CS 367 - Managing, Securing, and Designing Modern Networks | 3 CR

Focuses on wireless and mobile networks, multimedia networking, network management infrastructure, configuration management, network security, cryptography, authentication, access controls, network design (OpNet), designing network performance. Prerequisite: CS 339

CS 368 - Hands-on Network Security | 3 CR

Focuses on networking security topics, firewalls (using Linux), packet filters, NAT and PAT, public key infrastructure (using Microsoft Certification Server), encryption algorithms, decrypting passwords, dictionary decryption, brute force decryption, certificate servers, vulnerability assessment, identifying security holes, forensics, Layer 5 vulnerabilities, packet monitoring. Prerequisite: CS 367

CS 371 - Advanced Game Programming | 3 CR

A game oriented programming course focusing on advanced graphics techniques using OpenGL and/or DirectX. Prerequisite: CS 272

CS 372 - Building Computer Games | 3 CR

In this class we explore how logic and creativity work together in the well designed computer game. Topics include: genres of games; character development and gameplay; new and developing gaming concepts; creation and use of gaming engines; the role of sound and music; teaching a game to think. Prerequisite: CS 371

CRIMINAL JUSTICE

The Criminal Justice program provides students with a comprehensive understanding of the criminal justice system, which consists of public and private police, courts and corrections.

The course of study enables the graduate to pursue a career in law enforcement, correctional security and counseling, probation, parole, court administration, personnel management in various criminal justice agencies or private security. The program also prepares students to enter law school or graduate school in the social and behavioral sciences. It provides an excellent opportunity for criminal justice personnel, and community and junior college graduates, to obtain a bachelor's degree in Criminal Justice. Applicants who have completed the municipal, state or FBI training may apply for advanced standing.

Faculty

TANYA M. GRANT, M.S.
Instructor

PEARL JACOBS, PH.D.
Associate Professor, Chair

STEPHANE KIRVEN, J.D.
Assistant Professor

JAMES E. MCCABE, PH.D.
Associate Professor

PATRICK MORRIS, PH.D.
Assistant Professor

ANTHONY J. PAPA, J.D.
Lecturer

Major in Criminal Justice

The major in Criminal Justice requires the completion of 36 credits of Criminal Justice courses and 6 credits of required supporting

courses.

REQUIRED COURSES

CJ 101	Introduction to Criminal Justice
CJ 120	Crime and Criminal Behavior
CJ 201	Criminal Law
CJ 253	Criminal Justice Ethics
CJ 381	Research Methods in Criminal Justice

Choose 3 of the following:

CJ 200	Constitutional Law
CJ 220	Introduction to Corrections
CJ 251	Criminal Courts and Discretion
CJ 270	Issues and Problems in Criminal Justice

ELECTIVE COURSE REQUIREMENTS

12 credits of Criminal Justice electives are required for the major. Elective course selections are made in consultation with an advisor.

Corrections Courses

CJ 213	Probation and Parole
CJ 216	Juvenile Justice
CJ 220	Introduction to Corrections
CJ 223	Interviewing and Counseling
CJ 390	Internship

Law Enforcement Courses

CJ 230	Introduction to Law Enforcement
CJ 231	Criminal Investigation
CJ 232	Police-Community Relations
CJ 235	Law of Evidence
CJ 239	Police Administration and Supervision
CJ 390	Internship

Security Courses

- CJ 240 Introduction to Security
 CJ 247 Security Administration
 CJ 248 Introduction to Fraud Examination
 CJ 390 Internship

REQUIRED SUPPORTING COURSES

- CS 100 Introduction to Information Technology
 MA 131 Statistics for Decision Making

Minor in Criminal Justice

The minor in Criminal Justice requires the completion of the following 18 credits

REQUIRED COURSES IN THE MINOR

- CJ 101 Introduction to Criminal Justice
 CJ 120 Crime and Criminal Behavior
 Four Criminal Justice electives

Course Descriptions**CJ 101 Introduction to Criminal Justice | 3 CR**

Provides an overview of the criminal justice system and its processes.

CJ 120 Crime and Criminal Behavior | 3 CR

This course uses an interdisciplinary perspective to examine the causes, measurement, patterns and the effects of socioeconomic status on crime and criminal behavior.

CJ 200 American Constitutional Law | 3 CR

Focuses on the development of the Constitution through interpretations of the U.S. Supreme Court. A study of civil rights and civil liberties. Prerequisite: CJ 101

CJ 201 Criminal Law | 3 CR

Substantive aspects of criminal law with emphasis on statutory criminal law. Examines the purpose and goals of criminal law and the historical development of its basic concepts. Prerequisite: CJ 101

CJ 211 Women and the Law | 3 CR

Traces the development of sex discrimination as a legal and social phenomenon. The law is covered in terms of its historical perspective. Prerequisite: CJ 101

CJ 213 Probation and Parole | 3 CR

Teaches the application of probation, pardon and parole methods for both juveniles and adults. Analyzes the most effective methods and techniques as they apply to these services. Prerequisite: CJ 101

CJ 216 Juvenile Justice | 3 CR

Includes an in-depth examination of the juvenile justice system, its history and its practices. The course also examines the nature and causes of juvenile delinquency, sociological factors that influence such behavior, typologies of juvenile offenders, and current trends in the control of such behavior. Prerequisite: CJ 101

CJ 220 Introduction to Corrections | 3 CR

A general overview of the corrections system including the historical development of control of human behavior in society. Analysis of the major issues confronting corrections. Prerequisite: CJ 101

CJ 223 Interviewing and Counseling | 3 CR

Practice-oriented course designed to provide the basic techniques of counseling and interviewing. Prerequisite: CJ 101

CJ 224 Women and the Criminal Justice System | 3 CR

Explores the changing roles of women in the criminal justice system. The course focuses on women offenders, women victims and women criminal justice professionals. Prerequisite: CJ 101

CJ 230 Introduction to Law Enforcement | 3 CR

A study of investigative techniques, sources of information and an analysis of the relationships of investigative units with other law enforcement units and agencies. Prerequisite: CJ 101

CJ 231 Criminal Investigation | 3 CR

An examination of the investigative techniques used by law enforcement agencies to control and detect crimes. Prerequisite: CJ 101

CJ 232 Police-Community Relations | 3 CR

Examines various human relations issues that affect policing and police management. Also explores programs established by the police in community relations and community involvement in police policies. Prerequisite: CJ 101

CJ 235 Law of Evidence | 3 CR

An explanation and analysis of the rules of evidence. Examines court decisions concerning the rights of citizens and the rules for giving testimony and the protecting and safeguarding of evidence. Prerequisite: CJ 101

CJ 239 Police Administration and Supervision | 3 CR

Examines management principles as they apply to police organizations. This course includes discussion on the organization and management of police personnel at all levels of operation, leadership styles, policy

formation and the internal control of the organization. Prerequisite: CJ 101

CJ 240 Introduction to Security | 3 CR

Discusses the historical, theoretical and legal bases of security, including the purpose of security in modern society, ethics and security, standards and goals for the security industry. Prerequisite: CJ 101

CJ 242 White-Collar Crime | 3 CR

Examines the parameters and magnitude of white-collar crime and the literature that has been proffered as explanation for it. Prerequisite: CJ 101

CJ 243 Private Security Law | 3 CR

Examines the relationship between the law and private security operations and criminal law principles of particular concern to security personnel. Prerequisite: CJ 101

CJ 246 Organized Crime | 3 CR

Explores how organized crime is structured and how it can be controlled. The impact of organized crime on major crimes is also assessed. Prerequisite: CJ 101

CJ 247 Security Administration | 3 CR

Presents an overview of security operations in both the public and private sectors. This course includes an examination of loss prevention strategies and safety and fire prevention programs. Prerequisite: CJ 101

CJ 248 Introduction to Fraud Examination | 3 CR

Examines the legal elements of fraud and fraud investigation. This course also explores the methods of preventing, detecting, and deterring fraud in organizations as well as preserving the chain of custody for the court and compiling evidence for court proceedings. Prerequisite: CJ 101

CJ 250 Crisis Intervention for Public Safety Personnel | 3 CR

Examines the concepts and techniques used by criminal justice practitioners in handling crisis situations. Deals with limited, on-site crisis intervention provided by those first to respond. Prerequisite: CJ 101

CJ 251 Criminal Courts and Discretion | 3 CR

Examines the criminal courts as the fulcrum of the criminal justice system. Emphasis on the actual mechanics of the system and the decision making of its functionaries. Prerequisite: CJ 101

CJ 252 Comparative Criminal Justice Systems | 3 CR

Examines how culture, history and economics influence legal systems and the treatment of offenders in various countries. Prerequisite: CJ 101

CJ 253 Criminal Justice Ethics | 3 CR

Examines the fundamentals of ethical theory, controversies and rules of moral judgment as they relate to criminal justice practitioners. Prerequisite: CJ 101

CJ 255 Constitutional Rights of Prisoners | 3 CR

Examines the constitutional rights of prisoners focusing on recent Supreme Court rulings. The Eighth Amendment and its application to prisoners and prison officials are analyzed and discussed through court cases and current events. Prerequisite: CJ 101

CJ 256 Criminalistics | 3 CR

An introduction to forensic science, this course examines the application of forensic science to criminal investigations as well as the techniques of the crime lab through actual and case histories. Prerequisite: CJ 101

CJ 257 Serial Killers and Profilers | 3 CR

An introductory study of the topic of serial killers and criminal profiling. Analyzes both the individual and collective sociological, psychological and emotional aspects of serial killers in an effort to determine why they kill. Prerequisite: CJ 101

CJ 270 Issues and Problems in Criminal Justice | 3 CR

Description and analysis of crucial issues and problems relating to selected structure and processes in the criminal justice system. Prerequisite: CJ 101

CJ 299 Special Topics in Criminal Justice | 3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Consult the current course schedule for available topics and prerequisites. Prerequisite: CJ 101

CJ 381 Research Methods in Criminal Justice | 3 CR

Examines the methods of research and the types of data used to develop an understanding of criminal behavior and to create and change policy in the criminal justice system. Prerequisites: CJ 101, MA 131, CS 100

CJ 304 Catholic Intellectual Tradition and the Criminal Justice System | 3 CR

Exploration of the Catholic Intellectual Tradition. Catholic social teaching and the intersection of contemporary issues and policies of the criminal justice system are examined. Prerequisites: CJ 101, CJ 120, CJ 201

CJ 390 Internship | 3-6 CR

Supervised placement in a criminal justice agency. Prerequisite: Permission of department chairperson

ENGLISH

The major in English is concerned with the attempt to communicate, both orally and in writing. A variety of courses in literature, writing and speech is offered to develop skills for reading analytically, writing clearly and effectively, and expressing thoughts cogently, while providing a foundation experience in a broad spectrum of literature.

Selections from the wide range of courses within the major and its two concentrations, along with related studies in other areas, will prepare the English major for graduate school, for the professions (teaching, law, medicine), and for business and industry (advertising, company writing, editing, personnel relations, press relations, sales).

Non-majors are welcome in most upper-level English classes provided seats are available. If there is any question about permission to enroll in a course, contact the Chair of the English Department.

Faculty

ANITA AUGUST, PH.D.
Assistant Professor

PAMELA BUCK, PH.D.
Assistant Professor

JEFFREY P. CAIN, PH.D.
Associate Professor, Chair

PATRICIA CONTI, M.S.
Instructor

CARA ERDHEIM, PH.D.
Lecturer

JENNIE-REBECCA FALCETTA, PH.D.
Assistant Professor

CAROL HAMPTON, M.S.
Instructor

MARIE A. HULME, M.A.T, M.A.
Instructor

MICHELLE C. LORIS, PH.D., PSY.D.
Professor

RICHARD MAGEE, PH.D.
Associate Professor

ROBIN L. MCALLISTER, PH.D.
Associate Professor

JOSEPH L. NAGY, M.A.
Instructor

ROBERTA L. STAPLES, PH.D.
Professor

SANDRA YOUNG, PH.D.
Associate Professor

JONAS ZDANYS, PH.D.
Professor

Major in English

The major in English requires the completion of 39 credits and is organized to include the major core of 33 credits, plus 6 credits taken in one of the two areas of concentration: Literature or Writing.

REQUIRED COURSES FOR ALL ENGLISH CONCENTRATIONS

The English major consists of core classes taken in eight areas with additional courses taken in the student's area of concentration. The core areas are:

Literature surveys (ENG 221/222 British Traditions I and II and ENG 231/232 American Voices I and II) 12 CR

Advanced Writing (Any writing course at the 200 or 300 level) 3 CR

British Literature (see advisor) 3 CR

American Literature (see advisor) 3 CR

Shakespeare (ENG 321) 3 CR

Literary Theory (ENG 361) 3 CR

Multicultural/Diversity (see advisor) 3 CR

Capstone (see advisor) 3 CR

POLICY STATEMENT REGARDING THE ENGLISH MAJOR SURVEY COURSES

The four English survey courses—ENG 221, 222, 231, 232—are foundational to the English major and must be taken by every English major, irrespective of concentration, usually in his or her sophomore year. The courses are normally taken in sequence over two semesters. Until they have been taken, no upper-level literature course may be taken without the permission of the Department Chair. Nor can upper-level literature courses be taken simultaneously with any one of the survey courses without the permission of the Department Chair. Students declaring the major later than their sophomore year and transfer students should consult with their advisors and, if necessary, the Department Chair about their course sequences.

Like all major courses, the four surveys must be passed with a grade of "C" or higher to count toward satisfying major requirements. These courses cannot be repeated. Students are given only one chance to pass them. (A student withdrawing within the first two weeks would not be deemed to have "taken" the course and consequently could sign up to take it at a later time.)

After passing all four of the surveys, students will be eligible to enroll in any English course.

An English major failing to receive at least a grade of "C" in any of the survey courses should consult with the Chair of the English Department.

ADDITIONAL REQUIRED COURSES FOR LITERATURE CONCENTRATION

In addition to the English major core classes, students with a concentration in Literature must take the following:

British Literature (see advisor) 3 CR

American Literature (see advisor) 3 CR

Students with a literature concentration should also choose a capstone course in literature (in consultation with their advisor).

ADDITIONAL REQUIRED COURSES FOR WRITING CONCENTRATION

In addition to the English major core classes, students with a concentration in Writing must take the following:

Advanced Writing (Any writing courses at the 200 or 300 level) 6 CR

Students with a writing concentration should also choose a capstone course in writing (in consultation with their advisor).

Students Interested in a Career in Teaching

Students interested in pursuing a career in education will select one of the two concentrations and will take one of the following:

Elementary Education

ENG 387 Children's Literature

Secondary Education

ENG 360 History and Structure of the English Language

SUPPORTING COURSES FOR THE ENGLISH MAJOR

All English majors must complete one year (two consecutive semesters) of a Modern Foreign Language with a grade of C or better.

Minor in English

The minor in English requires the completion of 18 credits.

REQUIRED COURSES FOR ENGLISH MINOR

Two courses in British literature (see advisor) and two courses in American literature (see advisor); one in advanced writing (writing courses at the 200 or 300 level); one diversity/multicultural course (see advisor).

Associate in Arts General Studies

EMPHASIS REQUIREMENTS (15 CREDITS)

One British literature course, one American literature course and three English electives. ENG 221, ENG 222, ENG 231, ENG 232 will not fulfill the AA requirements.

Course Descriptions

*ENCC 102 Literary Expressions of The Human Journey 3 CR

ENCC 102 is part of Sacred Heart University's common core sequence The Human Journey. Each course in the Common Core addresses four fundamental questions of human meaning and value that serve as the unifying frame for all the courses in The Common Core. In ENCC 102 students will read and examine significant works of literature. We read serious literature because it presents us with images of, dramatizes for us, or tells us stories about ourselves, our human experience throughout time, and the way we live. This course engages students in conversations about these literary stories, images, and dramatizations. Students will critically and analytically read and examine works of literature from different cultures – western and non-western, including Catholic, and from different time periods – classical to contemporary, with an aim toward understanding and appreciating how these very different works give us insight in the four core questions. (1) What does it mean

to be human? (2) What does it mean to live a life of meaning and purpose, and is it possible to do so? (3) What does it mean to understand and appreciate the natural world? (4) What does it mean to forge a more just society for the common good?

ENG 110 Academic Writing 3 CR

This course introduces students to the rhetorical strategies and techniques necessary for clear and effective college-level writing. Students study and practice academic discourse, including research techniques. The course emphasizes essay organization and development, analysis, argument, documentation and critical evaluation of academic writing. Students must pass this course with a grade of C or better.

ENG 111 Effective Speaking 3 CR

Explores and analyzes the speaking process through instruction and practice in individual and group presentations and oral interpretation of literature. Laptop required. Does not count toward satisfying English minor. Students must pass this course with a grade of C or better.

ENG 211 News Writing and Reporting I 3 CR

An introduction to basic news writing and journalistic reporting principles. Concepts of journalism provide a format for analysis of the news media and responsibilities of a journalist in today's society. Workshop sessions utilize the concepts in practical work. Prerequisites: ENG 110, CM 101.

ENG 221 The British Tradition I 3 CR

This course studies British Literature from its earlier stages in Anglo-Saxon literature (pieces such as "Caedmon's Hymn" and "Beowulf"), to the Middle Ages, to the Elizabethan/Jacobean period, to the mid- and later 17th Century including the Metaphysical Poets, Milton, and Dryden, and concludes with the literature of the 18th Century. Sophomore level, for English majors only. Does not satisfy Humanities

requirement in the core.

ENG 222 The British Tradition II 3 CR

From the Age of Reason to the Age of Anxiety. Course highlights romantic writers like Wordsworth and Keats, Victorians like Dickens and Arnold, modernists like Joyce and Woolf. Sophomore level, for English majors. Does not satisfy Humanities requirement in the core. Prerequisite: ENG 221.

ENG 226 Magazine Production I 3 CR

Overview of the entire process of magazine publication. Topics include history, theory and status of contemporary publication, concept research and development of new magazines, writing and editing of articles, desktop publishing layout and design, marketing and advertising campaigns, new technologies and the future. Students conceive and produce individual magazines. Prerequisite: CM 101

ENG 231 American Voices I 3 CR

From Plymouth Rock to Gettysburg, puritanism, federalism and American Romanticism are examined. Bradford, Edwards, Franklin, Poe, Emerson, Hawthorne and Whitman. Sophomore level, for English majors. Does not satisfy Area B 1 literature requirement.

ENG 232 American Voices II 3 CR

Success and failure, triumph and tragedy. From the Gilded Age to the America of giant corporations and global supremacy. Writings of Twain, Dickinson, James, Hemingway, Morrison, Frost and Eliot are examined. Sophomore level, for English majors. Does not satisfy Area B 1 literature requirement. Prerequisite: ENG 231

ENG 250 Journal Writing 3 CR

A series of in-class private writing exercises aimed at self-discovery and tapping resources of creative energy. Class trips serve as the basis for descriptive journal

writing exercises that stress description, narration, exposition and the editing process. Prerequisite: ENG 110.

ENG Studies in Self-Help Books 3 CR

In this course, students will analyze a self-help book of their choice through journal writing exercises outlined in their chosen text. Drawing on research in the field, students will evaluate the effectiveness of their chosen text.

ENG 253 Introduction to Creative Writing 3 CR

Introduction to writing in three major forms of fiction: poetry, the short story and drama. Includes daily writing assignments with attention to the creative preferences of the individual student. Workshop atmosphere allows peer interaction and frequent student/instructor consultation. Prerequisite: ENG 110.

ENG 252 Developing a Writing Voice 3 CR

From the colloquial to the informal to the formal, this course examines the development of writing voice and explores the stylistic and rhetorical choices writers make to communicate meaning and knowledge. Prerequisite: ENG 110.

ENG 299 Special Topics in Literature 3CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc. Prerequisites established by the department as appropriate for the specific course. Course title is shown on the student's transcript. Consult the current course schedule for available topics and current prerequisites.

ENG 311 News Writing and Reporting II 3 CR

This advanced workshop simulates a newspaper magazine publishing atmosphere. Students are assigned roles as writers or

editors for individual sections to create a student news magazine as part of the newspaper staff. Prerequisite: ENG/CM 211.

ENG 312 Freelance Writing: Writing for Magazines 3 CR

This course requires students to write, revise, and submit feature and news articles for publication. Designed to provide basic audience and journalistic theory, this course allows students to research magazine focus and audience as well as submit articles to professional magazines. Prerequisite: ENG 110, CM 211.

ENG 313 News Editing 3 CR

In this class students will learn professional newspaper and magazine editing techniques using the Associated Press Stylebook. Working as a team, students will serve as editors for various campus publications.

ENG 320 Studies in British Literature to 1603 3 CR

Major works of British poetry and prose, beginning with Old English and Beowulf and expanding through the literature of the Middle Ages with special emphasis on Chaucer and Elizabethan poets. Some drama, exclusive of Shakespeare, is included. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors.

ENG 321 Shakespeare 3 CR

Explores a wide variety of plays from a literary as well as a theatrical perspective, with emphasis on Shakespeare's development as a dramatist and the relationship of his plays to their historical and cultural context. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 322 Studies in Seventeenth-Century British Literature 3 CR

Examines the works of Jonson, Donne, Herbert, Marvell, some of the lesser-known Metaphysical and Cavalier poets and Milton. Prose writings of Browne, Burton and Bunyan

are also studied. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 323 Studies in Restoration and Eighteenth-Century British Literature 3 CR

Dryden, Pope, Swift and Johnson are read, as well as Restoration dramatists (Congreve, Etherege, Wycherley) and early novelists (Defoe, Richardson, Fielding). Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 324 Studies in the Romantic Period in British Literature 3 CR

Emphasis on the literature written during and immediately after the French Revolution and England's ensuing war with France. The relationship between the individual and political, social and intellectual environments is studied. Blake, Wordsworth, Shelley and Keats are read. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 325 Studies in the Victorian Period in British Literature 3 CR

Explores the literature of Tennyson, Browning, Arnold, Dickens, Eliot, Newman, Ruskin, Pater, Swinburne and others. Focuses on major writers of the period (1830-1901) beginning with the poetry and concluding with studies in the Victorian novel. Prerequisites: ENCC 102, or ENG 322 and ENG 232 for English majors

ENG 326 Magazine Production II 3 CR

Overview of the entire process of magazine publication. Topics include history, theory and status of contemporary publication, concept research and development of new magazines, writing and editing of articles, desktop publishing layout and design, marketing and advertising campaigns, new technologies and the future. Students conceive and produce individual magazines. Prerequisite: ENG 226

ENG 327 Studies in Twentieth-Century British Literature 3 CR

Addresses modernism as it is shaped and constructed in the classic texts of Conrad, Woolf, Yeats, Joyce, Lawrence and others. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 328-329: Studies in British Literature: Special Topics 3 CR

Course description varies each time the course is offered. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 330 Colonial and Federal American Literature 3 CR

Focuses on Colonial American Writing: 1620-1800. Bradford, Edwards, Taylor, and Franklin are studied. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 331 Literature of the American Renaissance 3 CR

A study of transcendentalists, Hawthorne, Melville, Poe. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 332 Studies in Dickinson to Eliot 3 CR

Reveals much about America's "Gilded Age" and America's emergence into the modern world with its writers of the wasteland, the "lost generation." Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 334 Studies in Faulkner to the Present 3 CR

Modern American literature in content and technique reflects 20th-century preoccupation with loss of faith, the rise of individual consciousness and the dilemma of radical alienation in an increasingly fragmented society. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 338-339: Studies in American Literature: Special Topics 3 CR

Course description varies each time the course is offered. Prerequisites: ENCC 102, or

ENG 222 and ENG 232 for English majors

ENG 340 Studies in Early American Black Literature 3 CR

African-American literature from 1790 to 1900, including the slave narratives, the mockingbird school and folk poetry. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

EN341 Studies in Black Writers in America 3 CR

A consideration of Black writers from Dunbar and Chesnutt to the present. Study of Harlem Renaissance writers, including Wright, Ellison, Hayden, Brooks, Tolson, Baldwin, Baraka and the Black arts movement. Emphasis on the relation of the works to traditional images of Blacks in America and to themes found in American literature as a whole. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 344 Studies in World Literature 3 CR

Explores works both inside and outside the Western canon. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 351 Screenwriting 3 CR

An introduction to writing for fiction and nonfiction film and television. Topics include basic dramatic theory, narrative structure, characterization, dialogue, adaptation and the unique demands of the audio/visual media, as well as pragmatic matters of format and the marketplace. Prerequisite: ENG 110 and CM 101

ENG 350 Advanced Composition 3 CR

Explores writing strategies beyond the introductory level. Stresses refining style, finding a voice, determining an audience and discovering the rhetorical strategies appropriate for particular genres. This course is a workshop; students write and revise in class. Prerequisite: ENG 110

**ENG 354 Studies in Writing:
Nature Writing 3 CR**

This course explores the connections between our natural environment and the diverse ways we communicate our ideas, perceptions and feelings about that environment. Writers work to discover a rhetorical stance and voice that effectively evokes the natural world in prose.
Prerequisite: ENG 110

**ENG 358-359 Studies In Writing:
Special Topics 3 CR**

Course description varies each time the course is offered. Prerequisites: ENCC 102, or ENG 222 and ENG 232 for English majors

**ENG 360 History and Structure of
the English Language 3 CR**

A survey of the major changes in structure, vocabulary and uses of the language from the earliest times to the present. Explores important findings of modern linguistic scholarship. Required for secondary education. Prerequisite: ENG 110

ENG 361 Literary Theory 3 CR

An overview of the history and major concepts of critical theory from Plato through Nietzsche, Marx, Freud, Lacan, Barthes, Foucault, Kristeva, Cixous, Derrida, Gates, and others. Important schools of thought include the New Criticism, Semiotics, Phenomenology, Structuralism, Neo-Marxism, Deconstruction, Gender Studies, African-American Criticism, and Post-Colonialism. Prerequisite: Permission of Department Chair for non-majors.

**ENG 362 Rhetoric and
Composition Pedagogy 3 CR**

This course is designed for students who will be teaching writing in a secondary educational environment. The course demonstrates how research, scholarship, and theory can inform the teaching of writing.
Prerequisite: ENG 110

**ENG 363-69 Studies in Criticism
or Theory: Special Topics 3 CR**

Course description changes each time course is offered. Prerequisite: permission of the Department Chair for non-majors.

ENG 380 Independent Study 1-3 CR

Work on a special topic to be arranged with an instructor who will direct this work. Permission of the department chairperson is granted to qualified English majors on the basis of a written prospectus. By special arrangement.

**ENG 382-385 Seminars on
Single Authors 3 CR**

Studies the works and criticism of a single author. Limited enrollment. Prerequisite: Permission of the Department Chair.

ENG 387 Children's Literature 3 CR

A survey of children's literature, including an introduction to the mythology and folklore of the world. Attention given to techniques of motivating children to enjoy stories. Required for all elementary education students and for English majors concentrating in elementary education. Will not satisfy area B-1 Literature requirement. Prerequisite: ENCC 102, or ENG 222 and ENG 232 for English majors

ENG 390-398 Capstone 3 CR

English majors only (see advisor)

EUROPEAN STUDIES

Faculty

JOHN RONEY, PH.D.

Program Director

European Studies Minor

The multidisciplinary European Studies minor allows students to concentrate on a broad study of Europe in all its dimensions: history, politics and government, business, economics, language and literature. The focus of this minor will be on modern and contemporary Europe.

The minor will require 18 credit hours, with at least 3 credits taken in each of the four areas listed below: Politics and Government Economics or International Business History Language or Literature

In addition, students who minor in European Studies must demonstrate competency in a European language at the intermediate level.

COURSEWORK

The following courses have been preapproved. New electives must be approved by the director of the European Studies program and the chair of the Department of History. Approval will be based on the centrality of the course topic with respect to the study of Europe.

The courses listed below qualify for the above requirements:

AN 204	Introduction to Irish Archeology
AN 299	The Ethnography of Ireland
AN 299	Life Histories and Culture Change in Dingle
BU/IB 203	Intercultural Management
BU/IB 278	Principles of International Business
EC 322	International Economics

EC 324	Economic Stabilization and Reform in Central Europe
EC 325	European Economic Community
EC 342	European Economic Development
ENG 299	The Roots of Irish Literature: Myths, Sagas and Folktales
ENG 299	Modern Irish Literature
ENG 316	Studies in Twentieth-Century British Literature
FR 280	French Civilization and Culture
FR 353-359	Topics in French/Francophone Film
FR 363-369	Topics in French/Francophone Culture
FR 373-379	Topics in French/Francophone Literature
HI 218	Modern France
HI 255	Celtic and Irish History
HI 257	History and Memory in Modern Ireland
HI 314	French Revolution and Napoleon
IT 280	Italian Civilization and Culture
IT 353-359	Topics in Italian Film
IT 363-369	Topics in Italian Culture
IT 373-379	Topics in Italian Literature
PO 300	Foundations of Political Thought
PO 291	Ethics and International Politics
PO 309	British Politics
PO 310	Irish Politics
PO 313	The Politics of European Integration
PO 318	Contemporary European Politics
PO 341	International Law
SP 280	Hispanic Civilization and Culture: Spain

FOREIGN LANGUAGES AND CULTURES

The Department of Foreign Languages and Cultures is oriented toward developing students' linguistic abilities as well as providing a broad knowledge of foreign cultures and literatures. Communicative competence and oral proficiency are stressed in language classes, but all skill areas (reading, writing, listening, and speaking) are developed. Multimedia tools (DVDs, CDs, Internet sources) are integral to the methodology. The program also provides offerings in literature (including comparative literature and literature in translation), culture and civilization, linguistics, history, and film. Students are trained to think critically about foreign languages and cultures. Courses incorporate textual and linguistic analysis, as well as the examination of the social, cultural, and historical context of the given country or countries.

Study abroad is encouraged. Sacred Heart University has its own study abroad programs in Spain, Italy, Ireland, Luxembourg, and Australia. The University is also affiliated with institutions that offer study abroad opportunities throughout the world, including locations in France, Canada, and Latin America.

Students can pursue a major in Spanish as well as minors in French, Italian, and Spanish. Courses are also offered in Arabic, Chinese, Japanese, and Latin.

Faculty

CLAIRE MARRONE, PH.D.
Professor

MARK MASCIA, PH.D.
Associate Professor, Chair

PILAR MUNDAY, PH.D.
Associate Professor

Major in Spanish

The major in Spanish requires the completion of 34 credits.

REQUIRED COURSES FOR MAJOR

SP 201* Advanced Spanish Composition and Grammar I

SP 202 Advanced Spanish Composition and Grammar II

SP 397 Spanish Major Portfolio

Three courses in Spanish literature: one in Peninsular literature, one in Latin American literature, and one in either.

Three courses in culture, civilization, and contemporary issues: one dealing with Spain, one dealing with Latin America, and one with either.

Three Spanish electives, beyond the 200 level.

*For students placed into courses above this level, the required 34 credits will be completed through more advanced coursework.

Minor in Spanish

The minor in Spanish requires the completion of 18 credits.

REQUIRED COURSES FOR MINOR

SP 151* Intermediate Spanish I

SP 152* Intermediate Spanish II

SP 201* Advanced Spanish Composition and Grammar I

SP 202* Advanced Spanish Composition and Grammar II

The balance of credits may be chosen from advanced-level courses.

*For students placed into courses above this level, the required 18 credits will

be completed through more advanced coursework.

Spanish majors seeking to pursue a 5th-Year Masters in Education must demonstrate oral and written proficiency in Spanish by their undergraduate senior year. The Department requires that these students take the ACTFL (American Council of the Teaching of Foreign Languages) Oral Proficiency Interview and the Writing Proficiency Test at the end of their junior year. If the student does not achieve a level of intermediate high in both tests, as required by the State of Connecticut, he/she must meet with an advisor and to discuss the possibility of studying abroad. Students in this situation may retake the exam during their senior year. Both exams can be taken at Sacred Heart University with one of the Spanish professors acting as proctor. For more information on these tests, check the ACTFL testing website at www.languagelearning.com.

Associate in Arts General Studies

EMPHASIS REQUIREMENTS (18 CREDITS)

- SP 151* Intermediate Spanish I
- SP 152* Intermediate Spanish II
- SP 201* Advanced Spanish Composition and Grammar I
- SP 202* Advanced Spanish Composition and Grammar II and/or SP 211* Conversation I
- SP 212* Conversation II and/or Spanish electives

*For students placed into courses above this level, the required credits will be completed through more advanced coursework.

Minor in French

For students who begin college study at the beginning (FR 101-102) or intermediate (FR 151-152) levels, the French minor requires the completion of 18 credits. Students begin accumulating credits toward the minor at the intermediate level. For students who begin college study at the advanced (FR 201-202) level or above, the minor requires the completion of 12 credits.

REQUIRED COURSES FOR MINOR

- FR 151* Intermediate French I
- FR 152* Intermediate French II
- FR 201* Advanced French I
- FR 202* Advanced French II

The balance of credits may be chosen from advanced-level French courses.

*For students placed into courses above this level, the required credits will be completed through more advanced coursework.

Associate in Arts General Studies

Emphasis Requirements (18 credits at the intermediate level [FR 151-152] and above)

- FR 151* Intermediate French I
- FR 152* Intermediate French II
- FR 201* Advanced French I
- FR 202* Advanced French II and 6 credits of upper-level French electives

*For students placed into courses above this level, the required credits will be completed through more advanced coursework.

Minor in Italian

For students who begin college study at the beginning (IT 101-102) or intermediate (IT 151-152) levels, the Italian minor requires

the completion of 18 credits. Students begin accumulating credits toward the minor at the intermediate level. For students who begin college study at the advanced (IT 201-202) level or above, the minor requires the completion of 12 credits.

REQUIRED COURSES FOR MINOR

- IT 151* Intermediate Italian I
- IT 152* Intermediate Italian II
- IT 201* Advanced Italian I
- IT 202* Advanced Italian II

The balance of credits may be chosen from advanced-level Italian courses.

*For students placed into courses above this level, the required credits will be completed through more advanced coursework.

Associate in Arts General Studies

Emphasis Requirements (18 credits at the intermediate level [IT 151-152] and above)

- IT 151* Intermediate Italian I
- IT 152* Intermediate Italian II
- IT 201* Advanced Italian I
- IT 202* Advanced Italian II and 6 credits of upper-level Italian electives.

*For students placed into courses above this level, the required credits will be completed through more advanced coursework.

Arabic Course Descriptions

AB 101-102 - Beginning Arabic I, II | 3 CR each

Intended to give students a foundation in standard Arabic. Students learn to produce Arabic sounds and write its letters. They are taught basic vocabulary, common phrases, and greetings to communicate in various

settings. The Arabic world and its differing cultures and dialects are examined.

Chinese Course Descriptions

CN 101-102 - Beginning Chinese I, II | 3 CR each

Intended for beginning-level students. Emphasizes the fundamentals of Chinese. Includes basic grammar, development of comprehension and expression. Introduction to Chinese characters. Incorporates appreciation of Chinese culture.

French Course Descriptions

† Elective Courses

†FR 101-102 - Beginning French I, II | 3 CR each

Intended for beginning-level students. Emphasis on building communicative competence and oral proficiency. All four skill areas covered, including reading, writing, listening, and speaking. An appreciation of French and Francophone cultures integral to course. Multimedia tools (videos, CDs, Internet sources) enhance course.

†FR 151-152 - Intermediate French I, II | 3 CR each

Continued emphasis on communicative competence and oral proficiency. Review and intensified study of grammar. Readings, vocabulary building, composition, listening comprehension, and conversation. French and Francophone cultures integral to course. Multimedia tools (CDs, Internet sources) enhance course. Prerequisite: FR 102 for FR151; FR 151 for FR152; or placement

FR 201-202 - Advanced French I, II | 3 CR each

Designed to fortify proficiency in the various

skill areas (reading, writing, listening, and speaking) and cultural awareness. Prepares students for upper-division literature and culture classes. Includes complex grammar review and extensive writing in various styles and genres; cultural and literary readings; oral expression. Audiovisual and/or technological materials incorporated into class. Prerequisite: FR 152 for FR 201 or placement; FR 201 for FR 202 or placement

***FR 203 - Advanced Conversation and Contemporary Issues | 3 CR**

Development of advanced proficiency and communicative competence through discussion of current events and contemporary issues. Varied readings (newspapers, magazines, technological sources) and activities (debates, skits). Prerequisites: FR 152 or placement

***FR 251 - Early French Writers | 3 CR**

A survey of representative literary texts from the Middle Ages through the 17th century. Discussion of historical and cultural context. Several literary genres (novel, poetry, drama, etc.) treated. Critical techniques introduced. Taught in French. Prerequisites: FR 201 and FR 202 or placement

***FR 252 - French and Francophone Writers Then and Now | 3 CR**

A survey of representative literary texts from the 18th century to the present. Discussion of historical and cultural context. Both canonical and lesser-known works in several literary genres (novel, poetry, drama, autobiography, etc.) treated. Critical techniques introduced. Taught in French. Prerequisites: FR 201 and FR 202 or placement

FR 280 - French Civilization and Culture | 3 CR

Promotes understanding of the history and culture of the French with emphasis on arts, politics, language, thought, and

lifestyle. Readings, films, the visual arts, and music are incorporated. Audiovisual and/or technological materials incorporated into class. Taught in French. Prerequisite: FR 201 and FR 202 or placement

FR 281 - Francophone Civilization and Culture | 3 CR

Content varies. Promotes understanding of Francophone peoples through their histories, cultures, politics, religious beliefs, and lifestyles. Readings, films, the visual arts and music are incorporated. Taught in French. Prerequisites: FR 201 and FR 202 or placement

FR 282 - Business French | 3-4 CR

Focuses on commercial French style and cultural aspects of business life in France and the Francophone world. Emphasis on commercial vocabulary and idioms most used in business situations. Taught in French. Prerequisite: FR 152 or placement

FR 283 - Franco-Italian Connections | 3-4 CR

Content varies. Comparative course focusing on historical and cultural connections and contrasts between France and Italy. May treat particular period (war years, contemporary times). Can include literature, film, music, and the visual arts. Taught in English with language-specific assignments for foreign language students. Prerequisites: FR 201 and FR 202 or placement

FR 315 - Paris | 3 CR

Focuses on culture of Paris through art, history, literature, music, film, and popular culture. May treat particular period (Paris during the Revolution, contemporary Paris). May include issues such as Paris as cultural center, expatriates in Paris, and the future of the city. Taught in French. Prerequisites: FR 201 and FR 202 or placement

FR 316 - Quebec | 3 CR

Focuses on Quebec region in its historical and cultural contexts. Includes issues such as national identity, language, and the relationship to France. Taught in French. Prerequisites: FR 201 and FR 202 or placement

**FR 353-359 - Topics in French/
Francophone Film | 3-4 CR**

Content varies. Study of particular film directors, movements (Poetic Realism, New Wave), periods, and genres. Prerequisites: FR 201 and FR 202 or placement

**FR 363-369 - Topics in French/
Francophone Culture | 3-4 CR**

Content varies. Study of particular periods (French Revolution), locations, movements, and representative individuals (politicians, artists). Prerequisites: FR 201 and FR 202 or placement

**FR 371 - Literary Travelers, Exiles,
and Expatriates | 3-4 CR**

Treats literary representations of travel, exile, and expatriation. Emphasis on works in a variety of genres including novel, autobiography, and letters. Issues include life abroad and life in exile, bicultural and multicultural identity, displacement and subjectivity, bilingualism and confrontations with foreign cultures. May treat specific period. Prerequisites: FR 201 and FR 202 or placement

FR 372 - Women Writers | 3-4 CR

Treats literary works by French and Francophone women in a variety of genres including novel, autobiography, drama, poetry, and letters. Discussion of feminist literary criticism and theory. May treat specific period. Prerequisites: FR 201 and FR 202 or placement

**FR 373-379 - Topics in French/
Francophone Literature | 3-4 CR**

Content varies. Study of particular authors, movements (surrealism), periods, and genres (novel, drama). Prerequisites: FR 201 and FR 202 or placement

FR 399 - Independent Study | 1-3 CR

Work on special topic to be arranged with instructor who directs work. Permission of the department chairperson is granted to qualified students in French on basis of written prospectus. By special arrangement

Gaelic Course Descriptions**GL 107-108 Beginning Irish I, II | 3CR**

This course sequence will introduce students to the Irish Language with an emphasis on developing speaking, listening, reading, and writing skills at a basic level. Students will gain exposure to a broad range of Irish vocabulary, grammar patterns, and major tenses. Finally, through this introduction to the Irish language students will be exposed to Irish culture and history.

Italian Course Descriptions**+ Elective Courses****+IT 101-102 - Beginning
Italian I, II | 3 CR each**

Intended for beginning-level students. Emphasis on building communicative competence and oral proficiency. All four skill areas are covered including reading, writing, listening, and speaking. An appreciation of Italian culture is integral to the course. Multimedia tools (videos, CDs, Internet sources) enhance course.

***IT 107-108 - Beginning Italian Language and Culture in Italy I & II | 3-4 CR each**

Beginning-level language courses taken in Italy. Students placed according to their level. Focus on oral and written expression. Study of Italian culture integral to the course.

***IT 151-152 - Intermediate Italian I, II | 3 CR each**

Continued emphasis on communicative competence and oral proficiency. Review and intensified study of grammar. Readings, vocabulary building, composition, listening comprehension, and conversation. Italian culture integral to course. Multimedia tools (videos, CDs, Internet sources) enhance course. Prerequisite: IT 102 for IT 151; IT 151 for IT 152; or placement

***IT 157-158 - Intermediate Italian Language and Culture in Italy I & II | 3 CR each**

Intermediate-level language courses taken in Italy. Students placed according to their level. Continued development of oral and written expression. Study of Italian culture integral to the course.

***IT 201-202 - Advanced Italian I, II | 3 CR each**

Designed to fortify proficiency in the various skill areas (reading, writing, listening, and speaking) and cultural awareness. Prepares students for upper-division literature and culture classes. Includes complex grammar review and extensive writing in various styles and genres; cultural and literary readings; oral expression. Audiovisual and/or technological materials incorporated into class. Prerequisite: IT 152 or placement for IT 201; IT 201 or placement for IT 202

***IT 203 - Advanced Conversation and Contemporary Issues | 3 CR**

Development of advanced proficiency and communicative competence through discussion of current events and

contemporary issues. Varied readings (newspapers, magazines, technological sources) and activities (debates, skits). Prerequisites: IT 152 or placement

***IT 251 - Early Italian Writers | 3 CR**

A survey of representative literary texts from the Middle Ages through the 17th century. Discussion of historical and cultural context. Several literary genres (novel, poetry, drama, etc.) treated. Critical techniques introduced. Taught in Italian. Prerequisites: IT 201 and IT 202 or placement

***IT 252 - Italian Writers Then and Now | 3 CR**

A survey of representative literary texts from the 18th century to the present. Discussion of historical and cultural context. Both canonical and lesser-known works in several literary genres (novel, poetry, drama, autobiography, etc.). Critical techniques introduced. Taught in Italian. Prerequisites: IT 201 and IT 202 or placement

IT 280 - Italian Civilization and Culture | 3 CR

Promotes understanding of the history and culture of Italians with emphasis on the arts, politics, language, thought, and lifestyle. Readings, films, the visual arts and music are incorporated. Audiovisual and/or technological materials incorporated into class. Taught in Italian. Prerequisites: IT 201 and IT 202 or placement

IT 283 - Franco-Italian Connections | 3-4 CR

Content varies. Comparative course focusing on historical and cultural connections and contrasts between France and Italy. May treat particular period (war years, contemporary times). Can include literature, film, music, and the visual arts. Taught in English with language-specific assignments for foreign language students. Prerequisites: IT 201 and IT 202 or placement

IT 290 - The Italian Short Story | 3 credits

Discussion of short story tradition in Italian literature. Stories by canonical authors and writers new to literary scene. Focus on literary technique and historical and cultural context of stories. Prerequisite IT 201 and 202 or placement.

IT 353-359 - Topics in Italian Film | 3-4 CR

Content varies. Study of particular film directors, movements (Neorealism), periods, and genres. Prerequisites: IT 201 and IT 202 or placement

IT 363-369 - Topics in Italian Culture | 3-4 CR

Content varies. Study of particular periods (Risorgimento), locations, movements (Fascism), and representative individuals. Prerequisites: IT 201 and 202 or placement

IT 371 - Literary Travelers, Exiles, and Expatriates | 3-4 CR

Treats literary representations of travel, exile, and expatriation. Emphasis on works in a variety of genres including novel, autobiography, and letters. Issues include life abroad and life in exile, bicultural and multicultural identity, displacement and subjectivity, bilingualism, and confrontations with foreign cultures. May treat specific period. Prerequisites: IT 201 and IT 202 or placement

IT 372 Women Writers | 3-4 CR

Treats literary works by Italian women in a variety of genres including novel, autobiography, drama, poetry, and letters. Discussion of feminist literary criticism and theory. May treat specific period. Prerequisites: IT 201 and IT 202 or placement

IT 373-379 Topics in Italian Literature | 3-4 CR

Content varies. Study of particular authors,

movements, periods, and genres (short story, drama). Prerequisites: IT 201 and IT 202 or placement

IT 380 Dante and the Italian Literary Tradition | 3 CR

An advanced literature course focusing on Dante Alighieri's *Commedia*, in particular the *Inferno*. Also treats Dante's influence on the Italian literary tradition through contemporary times. Prerequisites: IT 201 and IT 202 or placement

IT 399 Independent Study | 3 CR

Work on a special topic to be arranged with instructor who directs this work. Permission of the department chairperson is granted to qualified students in Italian on basis of written prospectus. By special arrangement.

Japanese Course Descriptions

† Elective Courses

†JP 101-102 - Beginning Japanese I, II | 3 CR each

Intended for beginning-level students. An introduction to modern Japanese pronunciation, drills, grammar, and conversation practice with an introduction to the hiragana and katakana writing system. Incorporates an appreciation of Japanese culture.

†JP 151-152 - Intermediate Japanese I, II | 3 CR each

Continued emphasis on communicative competence and oral proficiency. Review and intensified study of structure, reading, vocabulary building, composition, listening comprehension, and conversation. Incorporates an appreciation of Japanese culture. Prerequisite: JP 102 for JP 151; JP 151 for JP 152; or placement

Latin Course Descriptions

LT 101-102 - Beginning Latin, I, II | 3 CR each

Intended for beginning-level students. Emphasizes fundamentals of Latin. Includes basic grammar, development of comprehension and expression. Short readings and cultural background incorporated into sequence.

Spanish Course Descriptions

† Elective Core Courses

†SP 101-102 - Beginning Spanish I, II | 3 CR each

For students with no previous Spanish education. Basic grammar patterns, oral practice, reading, and writing are studied. Placement by department

†SP 103-104 - Advanced Beginning Spanish I, II | 3 CR each

For students with some knowledge of Spanish (one or two years of high school and not native speakers). Courses review basic grammar patterns. Extensive practice in listening, speaking, reading, and writing in Spanish. Placement by department

†SP 151-152 - Intermediate Spanish I, II | 3 CR each

Review of and expanded study of Spanish grammar to consolidate what has been acquired previously. Extensive practice in listening, speaking, reading, and writing Spanish enables students to function in a Spanish-speaking environment. Prerequisite: SP 102 or SP 104 or placement

†SP 201-202 - Advanced Spanish Composition and Grammar I, II | 3 CR each

Focus on most challenging aspects of grammar such as imperfect/preterite or the use of the subjunctive and writing controlled

compositions based on selections previously read and discussed. Prerequisite: SP 152 or placement

SP 203 - Spanish for the Professions | 3 CR

Designed for students in Nursing, Physical Therapy and Social Work. Emphasis is on special topics related to those professions, focusing on communicating in Spanish. Service learning required. Prerequisites: SP 152 or placement

SP 207-208 - Spanish Language and Culture in Spain I, II | 3 CR each

Four weeks, intensive summer study abroad in Granada, Spain. Students are placed according to their level of language. The courses include extensive practice in listening, speaking, reading, and writing of Spanish and serve as an introduction to the culture, customs, and history of Spain. Field trips to Sevilla and Córdoba.

†SP 211-212 - Conversation I, II | 3 CR each

Emphasis on intensive oral practice, short speeches, and group discussions. Prerequisite: SP 152 or placement

†SP 215-216 - Spanish Readings and Discussion I, II | 3 CR each

Designed to improve reading ability and self-expression through readings chosen from Spanish authors, newspapers, and magazines. Prerequisites: SP 201 and SP 202 or placement

†SP 241 - Spanish Phonetics and Phonology | 3 CR

A study of the sounds of the language. Recommended for all Spanish majors and those who expect to teach Spanish. Prerequisites: SP 201 and SP 202 or placement

***SP 251-252 - Spanish Literature I, II | 3 CR each**

Spanish literature from the Middle Ages to the present. Oral and written reports are required. Prerequisites: SP 201 and SP 202 or placement

***SP 253-259 - Special Topics in the Literature of Spain | 3 CR each**

Course description varies each time the course is offered. Prerequisites: SP 201 and SP 202 or placement

***SP 261-262 - Masterpieces of Latin-American Literature I, II | 3 CR each**

Latin-American literature from the Colonial period to the present. Prerequisites: SP 201 and SP 202 or placement

***SP 263-269 - Special Topics: Latin-American Literature | 3 CR each**

Course description varies each time the course is offered. Prerequisites: SP 201 and SP 202 or placement

***SP 280 - Hispanic Civilization and Culture: Spain | 3 CR**

History and culture of the Spanish people from their origins to the present day with emphasis on their arts, thought, and lifestyle. Prerequisites: SP 201 and SP 202 or placement

***SP 281 - Hispanic Civilization and Culture: Latin America | 3 CR**

Emphasis on understanding the Spanish-American people through the different periods of their history and their reactions to political, religious, and economic problems. Prerequisites: SP 201 and SP 202 or placement

***SP 283 - The Hispanic Caribbean | 3 CR**

A comprehensive study of the main historical and cultural development of the Caribbean

world. Prerequisites: SP 201 and SP 202 or placement

SP 299 - Special Topics in Spanish | 3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Prerequisites: SP 201 and SP 202 or placement

***SP 315-320 - Contemporary Issues | 3 CR each**

Discussions based on current materials, including books, newspapers, magazines, and movies from the Spanish world. Prerequisites: SP 201 and SP 202 or placement

***SP 341 - Spanish Linguistics | 3 CR**

Teaches the relationship between linguistics and the learning of a new language. Prerequisites: SP 201 and SP 202 or placement

***SP 353-359 - Advanced Topics in Spanish Literature | 3 CR each**

The study of literature from Spain. Course description varies each time the course is offered. Prerequisites: SP 201 and SP 202 or placement

***SP 363-369 - Advanced Topics in Latin-American Literature | 3 CR each**

The study of literature from Latin America. Description varies each time the course is offered. Prerequisites: SP 201 and SP 202 or placement

SP 382 - The Cultures of Medieval Spain | 3 CR

A study of the three cultures and religious traditions comprising Medieval Spain, from the fall of the Roman Empire to 1492: Christian, Moorish (Arab), and Jewish. Varied readings, as well as written assignments,

oral presentations, and class discussions are required. Prerequisites: SP 201 and SP 202 or placement

SP 385 - The Society of Golden Age Spain | 3 CR

A comprehensive study of the society and culture of Golden Age Spain (1500-1700). Varied readings from different historical and cultural perspectives are required, along with written assignments, class discussion, and oral presentations. Prerequisites: SP 201 and SP 202 or placement

SP 397 - Spanish Major Portfolio | 1 CR

This course is a one-credit, pass-fail senior capstone experience which assesses the aggregate quality of a student's writing and speaking abilities as seen throughout the entire major. Students must save their work from several years' worth of major classes and, within the parameters of the portfolio's requirements, upload their work to an online portfolio site. To be offered and taken during student's senior/final year

SP 399 - Independent Study | 3 CR

Work on a special topic to be arranged with instructor who directs this work. Permission of the department chairperson is granted to qualified students in Spanish on basis of written prospectus. By special arrangement

GLOBAL STUDIES

Faculty

JOHN RONEY, PH.D.

Program Director

Global Studies Minor

The interdisciplinary 18-credit minor in global studies is designed to prepare students for a rapidly changing, increasingly complex and global interdependent world. The Internet, multinational corporate power, international trade and international peacekeeping commitments, political and economic organizations of global magnitude, as well as the migration and integration of population groups from diverse religious, cultural and ethnic backgrounds, are clear indicators of a planet in a state of dramatic transition. Economics, politics and more generally the people of this world are becoming closely linked and interconnected. Sacred Heart's Global Studies minor is therefore a timely practical response to the unpredictable, but exciting, challenges of the 21st century.

REQUIREMENTS

Students who minor in Global Studies must complete 18 credits, including a mandatory 3-credit course GS 150: World Geography. The remaining 15 credits are distributed over at least three of the five clusters, with no more than 6 credits per cluster.

In addition, students who minor in Global Studies must demonstrate competency in a foreign language at the intermediate level.

COURSEWORK AND GROUPINGS

The following courses have been preapproved. New electives in these fields must be approved by the director of the Global Studies program and the chair of the Department of History. Approval will be based on the centrality of the course topic with respect to issues that are global interest.

GS 150 World Geography

Anthropology/Sociology

AN 110 Human Cultural Diversity

AN 201 World Cultures

SO 239 Diversity and Oppression in Contemporary Society

SO 240 Studying Changing Human Populations

SO 245 The Contemporary World Social System

SO 254 Society and Economic Change

Criminal Justice

CJ 252 Comparative Criminal Justice Systems

History

HI 207 History of Latin America to 1826

HI 208 History of Latin America Since 1826

HI 212 Twentieth-Century Latin America

HI 218 Modern France

HI 236 History of the Arab World I: From Muhammad-Ottoman Empire

HI 238 The Modern Arab World

HI 255 Celtic and Irish History

HI 283 The History of Modern China to 1921

HI 285 China in Revolution

HI 300 The Vietnam War

Political Science

PO 122 Introduction to International Relations

PO 240 War and Conflict

PO 242 International Organizations

PO 243 Terrorism

PO 291 Ethics and International Politics

PO 309 British Politics

PO 310 Irish Politics

PO 313	The Politics of European Integration	economics, agriculture and industrial/urbanization. Overview concepts include mapping, regions, and environmental issues.
PO 314	Middle East Politics	
PO 315	Latin American Politics	
PO 316	South Asian Politics	
PO 317	African Politics	
PO 318	Contemporary European Politics	
PO 341	International Law	

Religious Studies

RS 214	Introduction to Eastern Religions
RS 215	Introduction to Islam
RS 216	Celtic Religious Tradition
RS 219	Women in World Religions

International Business/Business Economics

BU 203	Cultural Environment of International Business
BU/IB 233	International Business Law
BU/IB 278	Principles of International Business
BU 375	E-Commerce
MK 225	International Marketing
MK/IB 264	International Marketing
EC 302	Global Financial Markets and Institutions
EC 322	International Economics
EC 324	Economic Stabilization Reform in Central Europe
EC 342	European Economic Integration
FN/IB 316	International Financial Management

Course Description

GS 150 World Geography 3 CR

Surveys the wide spectrum of topics that comprise modern physical and cultural geography. Topics include earth/sun relationships, atmosphere, landforms, hydrology, biosphere and energy flow. Also, population, culture, religion, politics,

GREAT CHALLENGES CURRICULUM

The Great Challenges Curriculum at Sacred Heart University offers students the opportunity to study a pressing challenge for present and future society through an inter-disciplinary minor in the liberal arts. In studying a Great Challenge minor, students will gain a broad and detailed understanding of the causes, complexities, and potential solutions to the world's great challenges. In each Great Challenges curriculum, knowledge is applied to real world issues through a practicum. The practicum will be fulfilled through research, internships, independent studies and other applied learning experiences approved by the program director. In fulfilling the requirements of a Great Challenges minor, students will also substantially fulfill their requirements of the Elective Core.

Great Challenge Minor Requirements

Students seeking the Great Challenges minor must complete the following:

- A foundational course (3 credits) that provides the conceptual framework for the minor.
- Four additional courses (minimum 12 credits) selected from an approved course list for the minor.
- A practicum course (3 credits) in the form of an independent study or internship that entails applied learning and/or research on a topic relevant to the minor.
- At least one course (may be a foundational, practicum, or other course) in at least three of the following areas: humanities; social and behavioral sciences; natural and physical sciences; philosophy and religious studies.

Minor In Civic Engagement, Civil Society, And The Common Good

STEPHEN LILLEY, PH.D.
Program Director

The development and survival of democratic and civil societies across the globe depends upon citizens who understand the importance of common aspirations, the history of such aspirations, and the ramifications of fractured and divisive societies. The Minor in Civic Engagement, Civil Society, and the Common Good provides students the knowledge and skills they need to act as responsible and imaginative leaders in a dynamic world so that they may better promote community, just governance, and international cooperation.

APPROVED COURSES

The following courses have been preapproved. Other electives or special topics offerings may be substituted with the approval of the program director.

* Indicates Foundational Core Courses

Humanities

FYXX 125	with appropriate CCC theme
CM 224	Democratic Technologies
CM 254	Media and Democracy
HI 224	Freedom in American History
HI 287	The Holocaust
ENXX	Protest Literature (To Be Developed)

Practicum

Social and Behavioral Science

FYXX 125 with appropriate CCC theme

PO 242 International Organizations

*PO 300 Foundations of Political Thought

PS 224/ Political Psychology
PO 319

*SO 224 Social Capital and Civil Society

SO 239 Diversity and Oppression in
Contemporary Society

SO 259 Social Movements

Practicum

Natural Science/Mathematics

FYXX 125 with appropriate CCC theme

BI 020 Heredity and Society

BI 052 Environment and Sustainability

CS 319 Computer Ethics: Society and
TechnologyMA 199 The Power of Decision Making -
Voting and Game Theory

Practicum

Religious Studies/Philosophy

FYXX 125 with appropriate CCC theme

*PH 255 Political Philosophy

PH 322 American Philosophy and Culture

RS 257 Contemporary Moral Issues

RS 262 Human Rights

RS 299 Virtue Ethics

Practicum

Minor in Ecology and the Global Community**KIRK BARTHOLOMEW, PH.D.**

Program Director

The multi-disciplinary minor in Ecology and the Global Community offers students an opportunity to understand the ecological problems we face in depth while also preparing students to work towards viable solutions. The academic Minor in Ecology and the Global Community also prepares students for exciting and rewarding careers and graduate studies by providing the knowledge and skills they need to engage in "rational and honest planning" to work toward finding solutions to our ecological challenges.

APPROVED COURSES

The following courses have been preapproved. Other electives or special topics offerings may be substituted with the approval of the program director. * Indicates Foundational Courses

HumanitiesENG 354 Studies in Writing: Nature Writing
Practicum**Social and Behavioral Science**FYXX 125 with appropriate environmental
theme

PO 242 International Organizations

PO 285 Future Politics

SO 254 Society and Economic Change

SO 257 Technology, Culture, and Society

*SO 258 Society and the Environment

Practicum

Natural Science/Mathematics

FYXX 125 with appropriate environmental theme

*BI 052 Environment and Sustainability

*BI 265 Conservation Biology

*BI 202/ 204 Populations to Ecosystems/
Laboratory

*BI 350 Ecology

CH 361 Environmental Chemistry

CH 365 Environmental Sampling and Analysis

PY 045 Physical Geology

Practicum

Religious Studies/Philosophy

FYXX 125 with appropriate environmental theme

*PH 299 Environmental Ethics

PH/BI 3XX Environmental Problem Solving
ESM 5XX

PH 380 Philosophy of Wilderness

*RS 2XX Religion, Environmentalism, and Social Justice

Practicum

Minor in Equality, Wealth and Philanthropy

BRIAN STILTNER, PH.D.

Program Director

The Equality, Wealth and Philanthropy program will prepare students to become leaders in philanthropy and social change as these might be expressed in any number of career fields, including public health, public policy, education, business, and work in religious and other nonprofit institutions. The minor can also be part of a strong foundation for graduate studies in such fields as philanthropy, ethics, and public policy. Internships will be an integral part of the

Equality, Wealth and Philanthropy program, enhancing the professional preparation of our students. * Indicates Foundational Courses.

APPROVED COURSES

The following courses have been preapproved. Other electives or special topics offerings may be substituted with the approval of the program director.

Humanities

ENG 231 American Voices 1

ENG 232 American Voices 2

ENG 341 Studies in Black Writers in America

HI 202 Europe and the World

HI 207 History of Latin American to 1826

HI 208 History of Latin America since 1826

HI 209 The U.S. and Latin America through History

HI 212 Twentieth-Century Latin America

HI 216 Princes to Peasants

HI 223 United States History since 1865

HI 224 Freedom in American History

HI 285 China in Revolution

HI 325 African-American History

HI 328 The Immigrant Experience

HI 377 The Great Depression and New Deal

*HIXX Philanthropy in American History
(To Be Developed)

Practicum

Social and Behavioral Science

FYSO 125 The Structure of Social Injustice

EC 101 Introduction to Economics

EC 202 Principles of Microeconomics

EC 203 Principles of Macroeconomics

EC 211 Economics of Social Issues

- SO 201 Poverty and Inequality in the United States
- SO 239 Diversity and Oppression in Contemporary Society
- SO 254 Sociology and Economic Change
- PO 299 American Education Policy
- PO 308 Theories of Political Economy
- PO 322 American Public Policy
- *POXX Philanthropy and Public Policy (To Be Developed)
- SW 265 Social Welfare as a Social Institution (does not count in the elective core)
- SW 265 Social Welfare Policy and Services (does not count in the elective core)

Practicum

Philosophy, Theology and Religious Studies

- PH 255 Political Philosophy
- RS 262 Human Rights

Practicum

HISTORY

The History degree opens doors to a variety of career possibilities. The History major provides excellent preparation for a career in teaching, law, politics, business, government, journalism, foreign service, curatorship/museum management, and many other fields. The student of history acquires not only knowledge but also skills in research, analysis, judgment of evidence, and the organization and expression of ideas. These skills and the ability to think analytically and solve problems that a major in History imparts are highly valued qualities in today's world.

Faculty

THOMAS D. CURRAN, PH.D.
Professor

CHARLOTTE M. GRADIE, PH.D.
Professor

JENNIFER MCLAUGHLIN, M.A.
Instructor

JULIE A. MUJIC, PH.D.
Assistant Professor

JOHN B. RONEY, PH.D.
Professor, Chair

GREGORY VIGGIANO, PH.D.
Assistant Professor

Major in History

A major in History requires the completion of 36 credits in History

REQUIRED COURSES

HI 222	United States History to 1865
HI 223	United States History since 1865
HI 301	Historical Method and Criticism

Select either of two tracks for the capstone:

A. Senior Thesis Track (3.2+ GPA)

IL 302	Information Literacy for History
HI 397	Senior Thesis Preparation
HI 398	Senior Thesis

B. Senior Seminar Track:

HI 300-level	select elective with seminar
HI 396	Senior Seminar continuing the select course

Seven History electives, including at least one in each of the following areas: The Ancient World, Europe, Latin America, and East Asia

Minor in History

A minor in History requires the completion of the following 18 credits:

REQUIRED COURSES

HI 222	United States History to 1865
HI 223	United States History since 1865

One elective from each of four areas: The Ancient World, Europe, Latin America and East Asia See also Minors in European Studies, Global Studies and Latin America.

Associate in Arts General Studies

EMPHASIS REQUIREMENTS (18 CREDITS)

HI 222	United States History to 1865
HI 223	United States History since 1865

Four History electives including one in each of the following areas: Ancient, European, the East Asian, and Latin America

Course Descriptions

Note: each course at the 200 level is open to students who have taken HICC 101 or instructor's permission, and each course at the 300 level is open only to students who have had HICC 101 and are in their sophomore year or higher or have permission of the instructor.

†HICC101 The Human Journey: Historical Paths to Civilization 3 CR

HICC101 is part of Sacred Heart University's Common Core, The Human Journey. Framed by the Common Core's four fundamental questions of human meaning and value, this course is designed to provide first-year college students with an understanding of the elements of Western Civilization from the ancient world to the end of the Renaissance, including the Catholic intellectual tradition. HICC101 will also provide students with sufficient knowledge of the history and culture of a non-western civilization (China) to allow for meaningful comparison of the two cultures. Primary texts will be used to bring students into close contact with the main thinkers of the period and to show how historians use written records to interpret the past.

HI 202 Europe and the World 3 CR

This course provides an introduction to the historical development of Europe from the Renaissance to the present in the context of world history. Through the study of European colonialism, world wars and capitalist economic expansion, students are presented with the global nature of the history of the West. Does not fulfill requirement as an European elective.

†HI 207 History of Latin America to 1826 3 CR

Examines the Spanish and Portuguese conquest and empire building, culture and society during the colonial age and the disintegration of the empires by 1826.

†HI 208 History of Latin America since 1826 3 CR

Examines the historical development of Latin America beginning with the wars of independence to the end of the 21st century. Topics include Latin America and the world economy, 20th-century revolutions, the emergence of mass politics, the changing role of religion and foreign relations.

†HI 209 The U.S. and Latin America through History 3 CR

Traces the connections between the two regions from the colonial period to the present. Topics covered include political, economic and diplomatic relations, border conflicts, immigration, and questions of identity.

†HI 212 Twentieth-Century Latin America 3 CR

An in-depth study of the changes in Latin America during the 20th century. Examines the major issues from the Mexican Revolution of 1910 to the Cuban Revolution of 1959 as well as current problems. Topics include dependency, Marxism, Peronism, neo-liberalism, and social and political change in the region.

†HI 216 Princes to Peasants 3 CR

A survey of European social history from the 14th century to the late 19th century. Emphasis on the household and family, gender, social class and rank, the body and death and material and daily life.

†HI 218 Modern France 3 CR

Follows the political, economic and religious developments from 1789 to the 1960s. It examines the last monarchy under Louis Philippe, the rise of democracy by 1848 and numerous political factions and World War I and II, culminating in the person of Charles de Gaulle. Attention is given to continuity and change to understand the character of France.

†HI 221 Politics and Society in Colonial America 3 CR

Explores the cultural, social and political history of the British North American colonies from the eve of the first contact of indigenous and colonizing cultures to the American Revolution (roughly 1492–1783).

†HI 222 United States History to 1865 3 CR

Examines American development from the period of exploration to the conclusion of the Civil War. Major themes include colonial society, the Revolution, 19th-century expansion and economic growth, slavery, and the War for the Union.

†HI 223 United States History since 1865 3 CR

Analyzes United States development from Reconstruction to the present, examining major social, political, economic, and foreign policy developments and their impact on American life.

†HI 224 Freedom in American History 3 CR

Examines the history of freedom in America as a contested ideal. Treatment of blacks in slavery and the political rights of women are among the topics covered.

†HI 229 History of Sports in America 3 CR

Examines the development of major spectator sports in America from their fragmentary, localized beginnings to their highly organized and enormously powerful present condition.

†HI 230 The Civil War 3 CR

Examines an epic and transformative period in U.S. history from a multidimensional perspective. The clash of arms, military and civilian leaders, lives of ordinary soldiers and civilians, politics and economies of the Union and Confederacy, and “new birth of freedom” that ended slavery are reviewed and discussed.

†HI 231 The Cold War and American Society 3 CR

Explores the roots and development of the Cold War between the United States and U.S.S.R. (1946–91); its impact on American social, political, economic and cultural values and practices; and some of its long-term consequences for the nation's society and place in the world.

HI 234 Catholics in American Society 3 CR

This course focuses on the social and cultural history of American Catholics beginning with the earliest contact between native Americans and European colonists to the relationship between Catholics and other religious groups, as well as within American Catholic communities up to the present day.

†HI 236 History of the Arab World I: From Muhammad to the Ottoman Empire 3 CR

A study of the rise of Islam and the emergence of the Arabs as a world power. Discussion focuses on the achievements of Muhammad, the institution of the caliphate, Umayyad and Abbasid empires, Crusades and decline of Arab influence in the Near East under the pressure of Turkish expansion.

†HI 238 The Modern Arab World 3 CR

This course begins with the breakup of the Ottoman Empire and delineates the rise of the Arab states in recent times.

HI 242 Ancient Greek History 3 CR

This course surveys ancient Greek history from the Late Bronze Age to the outbreak of the Peloponnesian War (1500 BC – 431 BC) and the emergence of the Greek polis, the development of Athenian Democracy, the growth of Athenian Imperialism, and the rivalry between Athens.

HI 246 Roman History: The Republic 3 CR

This course surveys Roman history from the legendary founding of Rome to the death of Julius Caesar (753 BC – 44 BC), and the development of republican political

institutions, the nature of Roman Imperialism, Rome's encounter with Greek culture, and the fall of the Republic.

†HI 252 Medieval Europe 3 CR

Topics include Feudalism and Christendom, Islam and the Crusades, the Carolingian Empire and the rise of national states. Important elements include art and architecture, cosmology and alchemy, hierarchy, the rise of the early Renaissance, as well as different types of work and "callings."

†HI 253 History and Art: From Rembrandt to Van Gogh 3 CR

This course examines the history of the Low Countries through art and written texts from 1400 to 1850. It also compares and contrasts the development of Flemish and Dutch art and literature and shows how religion played an important part in the formation of early-modern Low-Country culture.

†HI 255 Celtic and Irish History 3 CR

This course surveys Celts, from ancient continental European tribes, through Medieval, to modern Ireland. Focus will be on several debates on emotive events, such as Cromwell's conquest, Irish rebellions, the Famine, independence, culture, and identity. Does not fulfill requirement as an European elective.

HI 257 History and Memory in Modern Ireland 3 CR

This course examines collective memory in relation to official history, and considers the place of landscape, tourism, poetry and song as it reflects on Irish cultural identity.

†HI 281 Introduction to the Civilization of East Asia 3 CR

An overview of the history of China and Japan from prehistoric times to the late traditional period (approximately 1800). Intended to enhance students' appreciation of the uniqueness and coherence of these two ancient civilizations.

†HI 283 The History of Modern China to 1920 3 CR

Presents the history of modern China from approximately 1800 to 1920 emphasizing the decay of traditional culture and the Chinese response to the West.

†HI 285 China in Revolution 3 CR

Examines the history of 20th-century China focusing on the rise to power of the Chinese Communist Party and its efforts to transform China into a modern nation.

†HI 287 The Holocaust 3 CR

Explores man's inhumanity to man as exemplified by the Nazi murder of two-thirds of European Jewry. Historical, psychological, sociological and literary themes; prejudice in general and anti-Semitism in particular are studied and followed by an inquiry into the Nazi years.

†HI 299 Special Topics in History 3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc. Prerequisites established by the department as appropriate for the specific course. Course title is shown on the student's transcript. Consult the current course schedule for available topics.

†HI 300 The Vietnam War 3 CR)

A survey of the war in Vietnam emphasizing the colonial origins of the conflict, United States and Vietnamese strategies and the causes of the American defeat. Does not fulfill requirement as an East Asian elective.

†HI 301 Historical Method and Criticism 3 CR

An introduction to the history of historical thinking and writing, the contemporary field of historical methods and theories, and the research tools and skills necessary for the study of history and the writing of papers

and essays.

**†HI 311 Discovery and Conquest,
1492-1598 3 CR**

Examines the major themes of the European expansion beginning in the early Middle Ages to the Portuguese and Spanish conquest and colonization of the Americas and Asia. Topics include European and Indian worldviews, biological and demographic consequences of contact, development of a conquest culture in the Americas, and the role of missionaries and conquistadors. Does not fulfill requirement as a Latin American elective.

**†HI 314 French Revolution
and Napoleon 3 CR**

Traces the path of the French Revolution from its origins through each of its political phases from 1789 to 1799. It culminates with the rise of Napoleon Bonaparte, his achievements and failures and the end of the empire in 1815.

†HI 322 U.S. Foreign Policy 3 CR

Evolution and expansion of American foreign policy from the Revolutionary period to the present. Analyzes the aims of foreign policy, influences upon it and its impact on the nation's domestic politics.

†HI 325 African-American History 3 CR

Examines the forced migration of Africans to America, the condition and nature of slavery, abolitionism, emancipation, twilight zone of freedom, growth of civil rights and Black Power movements.

†HI 328 The Immigrant Experience 3 CR

A comparative, historical study of American immigration focusing on motives for immigration, patterns of settlement, adjustment, and subsequent generational experience of successive immigrant groups.

**†HI 354 The Renaissance
and Reformation 3 CR**

A study of the transition from medieval to

modern society through investigation of political, social, economic, religious, and cultural factors involved in the change.

**†HI 377 The Great Depression
and New Deal 3 CR**

Examines the origins and impact of the Great Depression and the transformative changes in American society and government created during the New Deal administration of President Franklin D. Roosevelt.

†HI 391 Internship Program 3 or 6 CR

Offers qualified students supervised field experience in an area allied with their own interests. Internships are arranged in advance of the semester they are to be taken. Prerequisite: Permission of the instructor

**HI 396 Senior Seminar (Fall
Semester, Senior Year) 3 CR**

This course is for Seniors who have taken HI 399 special topic course for Senior Seminar, and continue to give seminars on their capstone topic and complete a major paper.

**HI 397 Senior Thesis Preparation
(Spring Semester, Junior Year) 2 CR**

This course, for second-semester Juniors, is designed for students to begin working on their Senior Thesis projects (HI 398). Prerequisites: HI 301 and IL 302 (1 CR)

HI 398 Senior Thesis 3 CR

Students are exposed to the experience of researching, writing and defending a major historical project. Permits students to learn, on a one-to-one basis with a project director, the importance of critical analysis and writing within the discipline of history.

†HI 399 Independent Study 1 or 3 CR

Directed study of a specific, well-defined topic, by special arrangement with an instructor and with the prior approval of the department chairperson.

INFORMATION LITERACY

Course Descriptions

IL 101 Introductory Information Literacy 1 CR

This course, which meets once a week for ten weeks, acquaints the student with the process of finding, retrieving, organizing, evaluating, using, and distributing information in an ethical manner both in print and electronic formats. Focus is on gaining the necessary skills to conduct research effectively and efficiently as well as being able to properly evaluate and cite sources.

IL 302 Information Literacy for History Majors 1 CR

This course meets once a week for 10 weeks. Each class is one hour and fifteen minutes long. The course is designed to acquaint History students with the process of finding, retrieving, organizing, analyzing, using, and distributing information both in print and electronic formats for the purpose of preparing for and completing their Senior Thesis. Focus is on using primary and secondary resources to create a working bibliography in conjunction with the Senior Thesis (HI 398). Prerequisite: HI 301

IRISH STUDIES

GERALD REID, PH.D.
Program Director

Minor in Irish Studies

The Minor in Irish Studies at Sacred Heart University is designed to offer students an opportunity for an in-depth interdisciplinary study of Irish and Celtic culture, history, language, literature, music, politics, and society. Distinctive features of the program include study at SHU's program in Dingle, Ireland, and an emphasis on patterns of socio-cultural and political change in contemporary Ireland and the place of Ireland in the modern world.

REQUIREMENTS

Students are required to take a minimum of 18 credits (6 courses) to complete the Minor in Irish Studies. The 18 credits include two required foundation courses and a minimum of four designated Irish Studies electives.

The required and elective course requirements are distributed as follows:

- HI 255 Celtic and Irish History (3 credits)
- An approved course in Irish/Celtic literature, religion, or spirituality (3 credits).
- 4 Irish Studies courses (12 credits), selected from an approved list of designated Irish Studies courses.
- At least one 3-credit course in SHU's Ireland program in Dingle.

In order to provide students with the opportunity to pursue a special area of interest not represented in the Irish Studies curriculum, one 3-credit independent study course may be substituted for one of the four Irish Studies electives. Independent study

courses for the Irish Studies minor must be approved in advance by the Director of the Irish Studies minor.

The following courses have been pre-approved for the Minor in Irish Studies:

Anthropology

- AN 204 Introduction to Irish Archaeology
AN 299 Special Topics in Anthropology: Irish Studies

Foreign Languages

- GL 011 Introduction to Irish
GL107 Beginning Irish I
GL108 Beginning Irish II

History

- HI 257 History and Memory in Modern Ireland
HI 299 Special Topics in History: Irish Studies

Literature

- ENG 299 Special Topics in Literature - The Roots of Irish Literature: Myths, Sagas, and Folktales
ENG 299 Special Topics in Literature - Modern Irish Literature

Media Studies

- CM 299 Special Topics in Communication and Media Studies - Irish National Cinema
CM 384 Irish Cinema: Theory and Practice

Music

- MU 106 Introduction to Irish Traditional Music

Political Science

PO 310 Irish Politics

Religious Studies

RS 216 Celtic Religious Traditions

RS 299 Special Topics in Religion: Irish Studies

RS 315 Theology and Native Irish Spirituality (Dingle)

Sociology

SO 299 Special Topics in Sociology

SHU in Ireland

Sacred Heart University operates its program in Ireland through a partnership with the Díséart Institute of Education and Celtic Culture, located in Dingle, County Kerry, Ireland (in one of Ireland's officially-designated "Gaeltacht," or Irish-speaking, districts). Through this partnership SHU in Ireland offers short-term and semester programs of study. Course offerings include anthropology, archaeology, history, Gaelic language, literature, media studies, music, political science, and religious studies.

LATIN AMERICAN STUDIES

Faculty

CHARLOTTE GRADIE, PH.D.

Program Director

Latin American Studies Minor

In keeping with students' interest in global and multicultural issues, Sacred Heart University offers an interdisciplinary minor in Latin American Studies. The minor should be particularly attractive to students majoring in Economics, History, Political Science, Business and International Business and Spanish. This minor is also of benefit to students who wish to apply to a graduate program in Latin American Studies or who wish to enhance their prospects in the job market by linking a disciplinary major with a regional specialization.

REQUIREMENTS

Requirements include six courses, three of which must be from three different disciplines selected from approved courses in Anthropology, Economics, English, History, Music, Political Science and Spanish. Students who minor in Latin American Studies must demonstrate competency in Spanish or Portuguese at the intermediate level.

COURSEWORK

The following courses have been preapproved. New electives must be approved by the director of the Latin American Studies program and the chair of the Department of History. Approval will be based on the centrality of the course topic with respect to the study Latin America.

Fine Arts

MU 114 Latin American and Caribbean Music

History

HI 207 History of Latin America to 1826
 HI 208 History of Latin America since 1826
 HI 209 The U.S. and Latin America Through History
 HI 212 Twentieth-Century Latin America

Political Science

PO 315 Latin American Politics

Spanish

SP 261-262 Masterpieces of Latin-American Literature, I, II
 SP 281 Hispanic Civilization and Culture: Latin America
 SP 283 The Hispanic Caribbean
 SP 315-320 Contemporary Issues
 SP 363-369 Advanced Topics in Latin-America Literature

MATHEMATICS

The primary objective of the Mathematics program is to provide an appropriate mathematical background to all University students, focusing on the ability to think critically and solve problems through oral and written communication, in order to foster quantitative literacy.

In addition, the Mathematics program is designed to:

- Provide Mathematics majors with the basic undergraduate mathematical knowledge necessary for graduate studies, a teaching career or a variety of statistical or business careers.
- Provide Science and professional majors with the mathematical and statistical background for their fields and highlight the wide applicability of mathematics.
- Provide Business majors with a foundation in finite mathematics and calculus and illustrate the relevance of mathematics to increasing complexities of the business world.
- Provide Liberal Arts majors with an introduction to mathematical ideas and promote an appreciation and understanding of the important role of mathematics.

The strengths of the department include small class sizes in developmental and major courses, emphasis on student/faculty interaction and classroom instruction utilizing relevant software and technology.

Sacred Heart University is an institutional member of the Mathematical Association of America, as well as the American Mathematical Society.

Faculty

BERNADETTE BOYLE, PH.D.

Assistant Professor

ROSEMARY DANAHER, M.S., M.B.A.

Instructor

HEMA GOPALAKRISHNAN, PH.D.

Associate Professor

GEORGE GOSS, M.S.

Instructor

ANDREW LAZOWSKI, PH.D.

Assistant Professor

PETER LOTH, PH.D.

Professor

JASON MOLITIERNO, PH.D.

Associate Professor, Chair

PHANI PAPACHRISTOS, M.A.

Instructor

JULIANNA STOCKTON, PH.D.

Assistant Professor

Major in Mathematics

The Mathematics major requires the completion of 40 mathematics credits plus a two-semester sequence of supporting courses.

REQUIRED COURSES

MA 151	Calculus I
MA 152	Calculus II
MA 253	Calculus III
MA 261	Linear Algebra
MA 301	Mathematical Structures and Proofs
MA 331	Probability and Statistics I
MA 354	Differential Equations
MA 362	Abstract Algebra
MA 371	Real Analysis
MA 398	Senior Seminar in Mathematics

ELECTIVES

In addition to the required courses, the Mathematics major must choose two additional mathematics courses numbered 250 or above.

REQUIRED SUPPORTING COURSES

The Mathematics major must choose one of the following two-semester course sequences:

Biology

BI 111/113 & BI 112/114

Chemistry

CH 151/153 & CH 152/154

Physics

PY 111/113 & PY 112/114

Economics

EC 202 & EC 203

Computer Science

CS 111 & CS 112

Minor in Mathematics

The minor in Mathematics requires the completion of the following 19 credits:

REQUIRED COURSES

MA 151 Calculus I
MA 152 Calculus II
MA 253 Calculus III
MA 261 Linear Algebra

MA 331 Mathematical Probability and
Statistics I

Associate in Arts General Studies**REQUIREMENTS (16 CREDITS)**

MA 151 Calculus I
MA 152 Calculus II
MA 253 Calculus III
MA 261 Linear Algebra

Course Descriptions

† Elective Core Courses

MA 006 Intermediate Algebra 3 CR

Explores the real number system, exponents and radicals, polynomials, rational expressions, linear and quadratic functions and their graphs. Does not carry degree credit. A grade of C or better is required. Prerequisite: Mathematics Placement Exam

†MA 101 Modern College Mathematics 3 CR

Examines systems of numeration, the real number system, finite mathematical systems, number theory, sequences and basic financial mathematics. Prerequisite: C or better in MA 006 or placement by Mathematics Department

†MA 104 Mathematics for Elementary School Teachers 3 CR

This one-semester course is designed specifically for students planning to teach at the elementary school level. Topics include geometry, measurement, rational numbers, ratio, proportion, percents, problem solving, mathematical reasoning and connections, probability and statistics. Prerequisite: MA 101

***MA 105 Mathematical Applications for Health Sciences 3 CR**

Designed exclusively for Nursing students. Topics include college-level algebra, graphing, basic trigonometric functions and appropriate applications for the health sciences. It is a problem-solving approach to mathematics. Prerequisite: C or better in MA 006 or placement by Mathematics Department

***MA 106 College Algebra 3 CR**

This is one-semester course is designed to improve algebraic skills. Topics include: functions, equations and inequalities in one variable; linear, quadratic, polynomial and rational functions, exponential and logarithmic functions; systems of linear equations in two variables. Algebraic techniques and applications are stressed. Prerequisite: Placement by Mathematics Department

***MA 109 Mathematics for Decision Making 3 CR**

Designed specifically for the Business major. Focus is on linear functions, systems of equations, matrices, probability and linear programming. Prerequisite: C or better in MA 006 or placement by Mathematics Department

***MA 110 Calculus for Decision Making 3 CR**

Designed specifically for the Business major. Includes study of limits; differentiation of algebraic, exponential and logarithmic functions; integration; and applications of calculus. Prerequisite: MA 109 or placement by Mathematics Department

***MA 131 Statistics for Decision Making 3 CR**

Emphasizes the use of computer software. Descriptive statistics, probability distributions, confidence intervals, correlation and hypothesis testing are studied.

Prerequisite: One college-level Mathematics course or placement by Mathematics Department

MA 132 Biostatistics 3 CR

This course is designed for the biologist or health science major who will be engaged in research involving statistical methods and/or will be required to critically evaluate existing research. Topics include sampling techniques, data types, data collection methods, probability, discrete and continuous probability distributions, confidence intervals, and hypothesis testing. All topics are covered utilizing biological data. Prerequisite: One college-level Mathematics course of placement by Mathematics Department

***MA 133 Business Statistics 3 CR**

Introduces statistics to Business majors. Problem-oriented course discussing the use of statistics, frequency distribution, probability sampling, hypothesis testing, correlation analysis, linear regression analysis and graphic representation of statistical data using Excel. Prerequisites: One college-level Mathematics course or placement by Mathematics Department

***MA 140 Precalculus 4 CR**

Addresses the algebra of functions, polynomial and rational functions, exponential and logarithmic functions and trigonometric functions, including analytical trigonometry. Prerequisite: MA 106 or placement by Mathematics Department

***MA 151 Calculus I 4 CR**

Explores limits and approximation, differential and integral calculus of the elementary algebraic and transcendental functions, applications of differentiation and integration. Prerequisite: MA 140 or placement by Mathematics Department

***MA 152 Calculus II 4 CR**

Covers applications and methods of integration, inverse trigonometric functions, improper integrals, sequences and series, parametric representation and polar coordinates. Prerequisite: C or better in MA 151

MA 199 Special Topics in Mathematics 3 CR

Designates new or occasional courses on a timely topic or a faculty member's particular interest. Course title is shown on student's transcript. Consult the current course schedule for available topics and current prerequisites.

MA 211 Geometry for Educators 3 CR

Designed especially for students interested in education. This course introduces the student to the study of an axiomatic system and to an introduction to proof writing. It includes the study of Euclidean Geometry, non-Euclidean Geometry and Analytic Geometry. Geometers' Sketchpad will also be used and demonstrated throughout the course as appropriate.

***MA 253 Calculus III 4 CR**

Introduces three-dimensional analytic geometry, multivariable calculus, real-valued functions of several variables, limits and continuity, partial derivatives, multiple integration. Prerequisite: C or better in MA 152

MA 261 Linear Algebra 4 CR

Focuses on sets and linear mappings, vector spaces and subspaces, inner product spaces, matrix theory, determinants and eigenvalues. Prerequisite: C or better in MA 152

MA 280 History of Mathematics 3 CR

This course considers the evolution of mathematical ideas over time and the context in which these ideas developed,

in various civilizations around the world. Students will gain an understanding of the process of development of mathematical ideas, awareness that it is an ongoing and creative process, and a deeper understanding of mathematical topics by pushing beyond the traditionally presented "polished form" we see in today's textbooks. Selection of topics varies by semester. Prerequisite: C or better in MA 152.

MA 299 Special Topics in Mathematics 3 CR

Designates new or occasional courses on a timely topic or a faculty member's particular interest. Course title is shown on the student's transcript. Consult the current course schedule for available topics and current prerequisites.

MA 301 Mathematical Structures and Proofs 3 CR

Introduces students to the understanding and creation of rigorous mathematical arguments and proofs. Includes methods of proof, set theory, relations and functions, properties of the integers, real and complex numbers and polynomials. Prerequisite: Sophomore standing or C or better in MA 152

MA 314 Geometry and Topology 3 CR

This course covers advanced theories of Euclidean geometry and introduces non-Euclidean geometries such as spherical and hyperbolic. Basic topology is also introduced. Prerequisite: C or better in MA 301.

MA 320 Graph Theory 3 CR

Focuses on structures and properties of graphs and their applications. Topics include: traversability, trees, connectivity, network flow, graph coloring, chromatic number and planarity. Discussion of application of graph theory to computer science, transportation, scheduling, communication, chemistry and a variety of other fields. Prerequisite: C or better in MA 301

MA 325 Number Theory 3 CR

Course is designed to give students a deeper understanding of mathematics. This course focuses on the fundamental principles and basic theories of "numbers" and their relevance to the study of mathematics. Topics include primes, congruences, quadratic residues and continued fractions.

MA 331 Probability and Statistics I 3 CR

Addresses probability, discrete random variables and their distributions. Applied approach to estimation, correlation, regression and hypothesis testing. Prerequisite: C or better in MA 152

MA 332 Probability and Statistics II 3 CR

Focuses on continuous random variables and their distributions, multivariate distributions, expectation, theory of estimation, method of moments and of maximum likelihood. Prerequisites: MA 253 and MA 331

MA 354 Differential Equations 3 CR

Focuses on equations involving functions and one or more of its derivatives. Examines first-order differential equations, numerical and qualitative techniques for solving differential equations, linear systems, geometry of linear systems, and applications to forcing/resonance. If time permits, the course will address the Laplace Transform, convolutions, and advanced numerical methods for solving differential equations. Prerequisite: C or

better in MA 253

MA 362 Abstract Algebra 3 CR

Explores algebraic systems, group theory, quotient structures, isomorphism theorems, ring theory and ideals, as well as integral domains and fields. Prerequisite: C or better in MA 301

MA 371 Real Analysis 3 CR

Addresses real numbers, cardinality, metric spaces, convergence, topology, continuity and differentiability. Prerequisites: C or better in MA 301 and Senior standing

MA 372 Complex Analysis 3 CR

Examines the algebra and geometry of complex numbers, analytic functions, integration, Taylor and Laurent series, contour integration, analytic

MA 398 Senior Seminar 3 CR

Capstone course for the mathematics major. Each student works on a research project leading to an oral presentation and the writing of a formal paper. Prerequisite: Senior standing

MIDDLE EASTERN STUDIES

Faculty

JUNE-ANN GREELEY, PH.D.

Program Director

Middle Eastern Studies Minor

Islam is the fastest growing religion in the world. By 2025, 20% to 25% of the world's population will be Muslim. The Israeli/Palestinian conflict has affected decades of politics and public policy in both Western nations as well as regions of the Middle East and Southeast Asia. The tragic events associated with September 11, 2001, and the subsequent war on terrorism, which has reached global proportions, are signatures of the dramatic shift in global economy/politics/society that have altered perhaps permanently American perspectives of itself and the world. The deployment of the U.S. military to Afghanistan, the invasion of Iraq, and what now appears to be a prolonged U.S. commitment to establishing a democracy not only in Iraq but in countries throughout the region are all indicators of the complex interlocking of American and Middle Eastern interests for generations to come.

A well-balanced minor in Middle Eastern Studies will enrich the undergraduate experience for students, and should prove beneficial for graduate study and professional careers.

Interdisciplinary Minor

The Middle Eastern Studies minor is interdisciplinary and requires a total of 18 credits of coursework in a foreign language, history, political science and religious studies.

REQUIRED COURSES

Track I

There are two possible tracks of study to complete the MES minor.

The first track consists of the following

required courses:

AB 101	Beginning Arabic I
AB 102	Beginning Arabic II
HI 236	History of the Arab World I: From Muhammad-Ottoman Empire
HI 238	The Modern Arab World
PO 314	Middle East Politics
RS 215	Introduction to Islam

Whichever course is taken last is to be considered the 'capstone' course for the minor. Students electing this track should discuss the final and 'capstone' course requirements with the director of the program at least one semester prior to the actual scheduling of the final course.

Track II

The second track consists of the following required courses:

AB 101	Beginning Arabic I
AB 102	Beginning Arabic II
EITHER: HI 236 History of the Arab World I: From Muhammad-Ottoman Empire OR HI 238 The Modern Arab World	
PO 314	Middle East Politics
RS 215	Introduction to Islam

Capstone in MES (usually listed as an Independent Study in the chosen discipline)

The capstone is the culmination of the MES minor and is developed as an independent study upon consultation with the director of the MES program. The student is expected to study a specific, interdisciplinary MES topic with an identified mentor in any one of the several disciplines integrated into the MES minor. The completion of the capstone is usually a formal research paper, written under the supervision of the course mentor.

The University normally offers Arabic in alternate years. Students interested in the minor should schedule accordingly. In the event of late declaration of the minors, substitutions may be approved by the minor

program director. Special topics involving the Middle East, if and when offered under History, Political Science, or Religious Studies, can be used as substitutes for a required course only if the required course is not available within the student's four-year course of study. The study of Arabic cannot be substituted by any course other than Middle Eastern language courses. The application of such courses to the Middle Eastern Studies minor requires the approval of the minor program's director.

Suggested Courses Beyond the Minor Requirements

AR 208	Introduction to Eastern Art
PO 316	South Asian Politics
RS 205	Ancient Cults and Religions

MUSIC

The Academic Music Program, housed in the College of Arts and Sciences, offers music elective courses, individual private lessons, and performing ensembles. The program provides the environment and opportunity to hear, experience, and participate in the art of music. The study of music both as a knowledgeable listener, creator, and/or performer nurtures an important human aesthetic dimension.

Music, in its many cultural manifestations, touches upon the enduring questions of human meaning and value. It serves as an opportunity to develop imagination, creativity, and understanding, and gives students the opportunity to use and further help their own skills and talents. As a non-major program, the program's goal is to encourage students to experience music so that a foundation for continued learning, appreciation and enrichment is created.

Required Courses for Music Minor

TRACK I: REGULAR (18 CREDITS)

MU 121 Musicianship I

MU 103 Bach to Beethoven or MU 104
Brahms to Bernstein
OR

MU 102 History of Jazz

Three credits in applied music

Nine credits from music history or music literature courses

TRACK II: PERFORMANCE (17 CREDITS)

MU 121 Musicianship I

MU 103 Bach to Beethoven or MU 104
Brahms to Bernstein
OR

MU 102 History of Jazz

Nine credits in applied music (five in an ensemble and three of private lessons)

1 additional music elective course (three credits) in a music history or music literature course

Required Courses for Associate Degree with Music Concentration (18 credits)

Same as Track I—Regular (above)

Note: No more than 8 credits in applied music may count toward the 120 credits required for a bachelor's degree. Students may elect more credits, but they will be counted beyond those needed for degree completion.

Course Descriptions

† Elective Core Courses

†MU 102 History of Jazz 3 CR

This course features a study of jazz styles from historical African sources to the contemporary era.

†MU 103 Bach to Beethoven: Their Lives and Music 3 CR

This course focuses on famous compositions and composers primarily from the Baroque and Classical eras, 1600–1825. Highlights include classics and well-known works by Bach, Mozart, Haydn, and Beethoven. The music of these composers reflects the era in which it was created, but continues to provide contemporary meaning and inspiration to people around the world.

†MU 104 Brahms to Bernstein: Their Lives and Music 3 CR

Highlights of this course include exciting pieces by Romantic and 20th-century

composers from 1825 to the present. These composers created music that reflects the various cultures in which they lived, but additionally shows inspiring creativity, individuality, and uniqueness in an ever-changing world.

MU 106 Introduction to Irish Traditional Music 3 CR

Students will survey the development of Irish Music from pre-Christian times through to the present, attend live performances and learn to play the Irish whistle.

MU 110 Women in Music 3 CR

This class will give a general overview of women's involvement in the world of music from Medieval Roots to current American Popular Music, including composers, performers, educators and conductors.

***MU 112 Music in America 3 CR**

U.S. folk, jazz, popular and fine art music are studied in this course. Emphasis is on aural analysis and placing historical and contemporary music in its cultural context.

***MU 114 Latin American and Caribbean Music 3 CR**

This course traces the development of the most important Latin American musical styles from their historical folk origins to the present. Focus is on music from Cuba and Brazil.

***MU 121 Musicianship I 3 CR**

This course focuses on the development and enhancement of musical skills through music reading and notation, rhythmic and tonal perception and analysis. Other areas covered include the construction and function of scales, intervals and triads. Open to all students. Offered Fall semesters.

***MU 122 Musicianship II 3 CR**

This course continues the development of musical skills through further practice with music notation, musical analysis, and aural perception. The construction and function of triads, harmonic motion, rhythm, texture and writing are covered. Offered Spring semesters. Prerequisite: MU 121 or by permission

***MU 125 Music in the Performing Arts 3 CR**

A study of music and artists in the dramatic and performing arts, both past and present. Focus is on chamber music, opera, and musical theatre.

MU 130-233 Applied Music 1-2 CR

Private or group music performance courses that may be repeated for credit. Applied Music courses do not satisfy Area B-1 requirements.

MU 131 Private Lessons 1 CR

Individual instruction in selected instruments or voice. One half-hour lesson per week. Fee required. Prerequisite: Departmental permission

MU 132 Private Lessons 2 CR

Individual instruction in selected instruments or voice. One-hour lesson per week. Fee required. Prerequisite: Departmental permission

MU 136 Concert Band 1 CR

This course develops students' talents and musicianship through participation in a performing instrumental group. The ensemble presents a wide variety of interesting and significant repertoire arranged and written for concert band, in both on-and off-campus concerts and events. Prerequisite: Audition and permission

MU 137 Concert Choir 1 CR

This course develops students' talents and musicianship through participation in a larger vocal ensemble. The choir focuses on the training in and performance of interesting and significant choral works from many different cultures and historical periods. Participants perform in concerts and events both on and off campus. Prerequisite: vocal interview and permission

MU 138 Jazz Band 1 CR

This course develops students' musicianship and musical talent in a contemporary musical art form. The jazz workshop approach develops stylistic and improvisational skills with the goal of presenting concerts and performing. Prerequisite: Permission

MU 139 Guitar Ensemble 1 CR

This course develops students' talents and musicianship through participation in a performing instrumental group. The ensemble presents a wide variety of repertoire arranged and written for guitar in both on- and off-campus concerts and events. Prerequisite: Permission

MU 198 Liturgical Choir 1 CR

This ensemble is open to all singers and instrumentalists by audition who wish to participate in the music of the Sunday evening liturgy. Students meaningfully experience and appreciate the vibrant heritage of the Catholic music tradition. Both contemporary and traditional styles of music are offered in the spirit of prayer. Through practice and presentation of appropriate music, musical skills are utilized, encouraged and further developed. Prerequisite: Audition

MU 233 4-Heart Harmony 1 CR

This advanced mixed chamber choir performs a wide variety of significant and interesting music, including a capella, jazz,

pop, show tunes, multicultural and classical choral repertoire. Participants perform in concerts and events both on and off campus. Members are experienced choral singers and the ensemble is open by interview and vocal audition. Prerequisite: Permission

MU/RS 239 Catholic Church Music 3 CR

Interesting and important works from the great tradition of music written for the Catholic Church are viewed through the Church's historical and present liturgical traditions. As a significant component of the Catholic Intellectual Tradition, relevant musical examples from the early through contemporary periods are examined from liturgical, technical, and cultural viewpoints. The Church's reaction to and use of the wide variety of musical compositions are examined and discussed.

MU 299 Special Topics in Music 3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc. Prerequisites established by the department as appropriate for the specific course. Course title is shown on the student's transcript. Consult the current course schedule for available topics and current prerequisites.

PERFORMING ARTS

Minor in Performing Arts

LORI BINDIG, PH.D.

Program Director

The Minor in Performing Arts is designed to offer Sacred Heart University students the opportunity to explore the fields of music and theater in focused programs of study. Students who participate in the minor will develop their interests, talents and skills through various theoretical and practical course offerings. The minor is further intended to provide a framework and give experiences that will encourage life-long learning and participation in the arts. Within the Minor in Performing Arts concentrations are offered in Music Performance (Vocal or Instrumental), Music Literature and Theory, and Theatre (Production or Acting/Performance).

REQUIREMENTS

Students are required to select an area of concentration and take a minimum of 18 credits to complete the Minor in Performing Arts. The 18 credits must include PA101 (Philosophy of Performing Arts), the foundation course for all of the Performing Arts concentrations.

Concentration in Music Performance – Vocal

PA 101 Philosophy of Performing Arts (3 Cr)

MU 121 Musicianship I (3 Cr)

Music Elective (3 Cr)

Music Ensemble (Choir) (5 Cr; offered in ensembles of 1 credit each)

Music Private Lessons (4 Cr; offered at 1-2 credits each)

Concentration in Music Performance – Instrumental

PA 101 Philosophy of Performing Arts (3 Cr)

MU 121 Musicianship I (3 Cr)

Music Elective (3 Cr)

Music Ensemble (Instrumental) (5 Cr)

Music Private Lessons (4 Cr; offered at 1-2 credits each)

Concentration in Music Literature and Theory

PA 101 Philosophy of Performing Arts (3 Cr)

MU 121 Musicianship I (3 Cr)

Music Electives (12 Cr; does not include ensemble or private lessons)

Concentration in Theatre – Production and Acting/Performance

PA 101 Philosophy of Performing Arts (3 Cr)

THR 101 Introduction to Theatre (3 Cr)

THR 102 Blackbox Stage Production (3 Cr; offered in ensemble productions of 1 credit each)

THR 103 Mainstage Production (3 Cr; offered in ensemble productions of 1 credit each)

Theatre Electives (12 Cr)

Course Descriptions

[†]Elective Core Courses

PA 101 - Philosophy of Performing Arts | 3 CR

This course examines the creation, expression, and meaning of performance art. Through drama, music, and voice, students will critically analyze the perennial elements and structure of story and its place in uncovering and creating meaning.

***THR 101 - Introduction to Theatre | 3 CR**

The purpose of Introduction to Theatre is to increase students' understanding, appreciation, and critical perceptions of the theatrical art-form. Readings and lectures will focus on the elements of theatrical practice; artists and innovators of theatre throughout history; and on the theatre's development as an art form and a social phenomenon; participation in class forum discussions and sharing of critiques and short reports will offer avenues to explore students' individual theatrical interests; and attendance at theatrical events will offer first-hand experience in theatre arts.

THR 102 - Blackbox Stage Production | 1 CR

Participation in TheatreFest, Improve and other approved student-driven theatrical activities. All events are overseen by the Director of Theatre.

THR 103 - Mainstage Production | 1 CR

Participation in Spring mainstage musical in one of the areas of theatrical discipline. All events are overseen by the Director of Theatre.

THR 110 - Acting I | 3 CR

Focuses on basic acting skills, including the development of imaginary circumstances, improvisation and creative development. Students are introduced to skills in script analysis, character identity, emotional reality and objective-driven structure through monologues and scene study.

THR 111 - Acting II | 3 CR

Focuses on acting skills, including the advance development of imaginary circumstances, improvisation and creative development. Students will develop skills in script analysis, character identity, emotional reality and objective-driven structure through monologues and scene study.

THR 120 - Voice for Musical Theatre I | 3 CR

Voice for Musical Theatre I introduces to skills on speech, diction, pitch, analysis and interpretation through various styles of period and contemporary musical theatre works. Solo and ensemble application of singing techniques, preparation and presentation.

THR 121 - Voice for Musical Theatre II | 3 CR

Voice for Musical Theatre II develops students' skills on speech, diction, pitch, analysis and interpretation through various styles of period and contemporary musical theatre works. Solo and ensemble application of singing techniques, preparation and presentation.

THR 130 - Stagecraft | 3 CR

An introduction to the basic materials and techniques used in scene, painting, costume, and lighting production. Intended to equip the student with the skills required to work on productions. This course will also hold discussions of basic terminology, shop organization, job descriptions, maintenance procedures, and safety. Other jobs such as Run Crew, Wardrobe, Front of House, Board Operator or other duties will be discussed.

THR 140 - Directing | 3 CR

This course will cover an overview of both the responsibilities of a director and the various relationships a director has with designers, playwrights, stage manager, tech staff, actors and dramaturges. This course will also explore various directional strategies and identify the different styles of theatre, stage types, floor plans, script interpretation, directional research and resources, concepts, conceptualization of a play and interpretation. Finally, this course will introduce elements of directing and strategies for working with actors, staging short scenes, and using a minimum

of technical elements in a final scene.

THR 299 - Special Topics in Theatre | 3 CR

Designates new or occasional courses that may or may not become part of the program's permanent offerings. Courses capitalize on timely topics, a faculty member's particular interest, an experimental alternative to existing courses, etc.

Prerequisites are established by the program as appropriate for the specific course. Course title is shown on the student's transcript. Consult the current course schedule for available topics and prerequisites.

THR 392 - Theatre Internship | 1-6 CR

An opportunity for qualified students in the Theatre Concentration of the Performing Arts minor to gain practical experience in theatre production and management. Prerequisite: Permission of instructor and program director.

PHILOSOPHY

The philosophical experience is considered integral to the intellectual and cultural development of today's student. In our increasingly complex and dynamic culture, the growth of novel and changing ideas unsettles traditional patterns of thought and action. As a result, the role of philosophy becomes more vital, for it addresses the conflict between the enduring insights of the past and the new discoveries and theories of the present in an attempt to attain a coherent philosophy of life.

In whatever way the student comes to Philosophy—whether it be to satisfy a core, major, or elective requirement—the department seeks to enrich the student's life-experience by making available the broad and generous ideas that have shaped the contemporary intellectual world. The program provides a broad range of electives dealing with historical movements, great philosophical figures of the past and present, perennial philosophical themes, and contemporary issues.

Faculty

JESSE BAILEY, PH.D.
Assistant Professor

SEAMUS CAREY, PH.D.
Professor

KENNETH KNIES, PH.D.
Assistant Professor

EDWARD PAPA, PH.D.
Associate Professor

ANDREW J. PIERCE, PH.D.
Lecturer

GORDON PURVES, PH.D.
Assistant Professor

MICHAEL VENTIMIGLIA, PH.D.
Associate Professor

Major in Philosophy

The major in Philosophy requires the completion of 30 credits.

REQUIRED COURSES

PH 101 Introduction to Philosophy

PH 231 Philosophy of Knowledge

PH 251 Ethics or PH 258 Medical Ethics

Seven Philosophy electives

Note: Before Fall 2012, majors were required to take PH 212 - Practical Logic. That course has been replaced by FLO 125 - The Art of Thinking, starting in Fall 2012. As Sacred Heart University students, all Philosophy majors will take a logic and critical thinking course, typically FLO 125. See the department chair with questions about this policy.

Minor in Philosophy

The minor in Philosophy requires the completion of the following 18 credits:

REQUIRED COURSES

PH 101 Introduction to Philosophy

Five Philosophy electives from 200- or 300-level courses.

Associate in Arts General Studies

EMPHASIS REQUIREMENTS (15 CREDITS)

PH 101 Introduction to Philosophy

Four Philosophy electives

Course Descriptions

† Elective Core Courses

PHCC 104 - The Human Search for Truth, Justice, and the Common Good 3 | CR

This course is the capstone course in Sacred Heart University's Common Core sequence of study, The Human Journey. As the capstone, this course addresses the Core's four fundamental questions of human meaning and value. This course will investigate the religious or philosophical understanding of the human condition as a theme running through the four stated questions. Students will study both classic and contemporary texts from a range of religious and some philosophical traditions, particularly the Catholic intellectual tradition. A vital component of the course will be students' own responses to the four questions, especially as those responses evolve through the enrichment of the course material. As a capstone course, PHCC104 enables students to develop a personal, integrated set of answers to the common core questions through a range of modalities and media, including service projects, research papers, artistic productions, student "portfolios" of completed assignments for all four Core courses, and other similarly integrated and interdisciplinary work.

†PH 101 - Introduction to Philosophy | 3 CR

Philosophy is defined for the beginning student through an exploration of the historical branches of philosophy and their respective problems.

†PH 212 - Practical Logic | 3 CR

Practice of logical analysis in classroom exercises. Focuses on informal logic, how to make ideas clear, reason correctly and evaluate evidence used to substantiate a truth claim.

†PH 221 - Historical Survey of Philosophy | 3 CR

Primary texts from the philosophers of ancient Greece, the Hellenistic-Roman period and the Middle Ages. Prerequisite: PH 101

†PH 222 - Understanding Our Universe | 3 CR

Major philosophical, theological, scientific issues in cosmology. Creation, evolution, and fate of the universe. Design and chance, freedom and determinism, God and the universe. Prerequisite: PH 101

†PH 225 - Philosophy of Plato | 3 CR

The nature of the philosophical life is examined through an exploration of selected Platonic dialogues. Prerequisite: PH 101

†PH 226 - The Philosophy of Aristotle | 3 CR

Emphasizes the ethics, politics, and metaphysics of the Aristotelian system and its contrast to the Platonic synthesis. Prerequisite: PH 101

†PH 231 - Philosophy of Knowledge | 3 CR

The conditions that make knowledge possible and the criteria of truth and falsity. Selected representative historical thinkers. Prerequisite: PH 101

†PH 241 - Medieval Philosophy | 3 CR

The Aristotelian tradition as developed within Islam, Judaism, and Christianity. Prerequisite: PH 101

†PH 245 - The Philosophy of St. Augustine | 3 CR

Examines Augustine's contribution to the development of Roman Catholic philosophy and theology. Prerequisite: PH 101

†PH 251 - Ethics | 3 CR

Primary texts from notable moral philosophers in the Western philosophical tradition, from Socrates to Rawls. Prerequisite: PH 101

†PH 255 - Political Philosophy | 3 CR

Primary texts from the history of political thought including Plato, Lao-Tzu, Aquinas,

Machiavelli, Hobbes, Locke, Rousseau, Marx, Mill and Rawls. Prerequisite: PH 101

***PH 256 - The Philosophy of Technology | 3 CR**

Representative views of the social role of technology. Two fundamental questions are addressed. The extent of technology's impact on social institutions and individual lives. And, to what degree is this impact beneficial or harmful? Prerequisite: PH 101

***PH 258 - Bioethics: Philosophical Approaches | 3 CR**

Examines the ethical and legal issues surrounding abortion, physician-assisted suicide, euthanasia, genetic cloning, genetic therapy/enhancement, genetic patenting, and health care allocation. Prerequisite: PH 101

***PH 270 - Philosophical Anthropology | 3 CR**

Reflections on the nature and meaning of human existence, especially in contemporary philosophy such as existentialism and Marxism. Writings of Buber and Scheler on human nature are studied. Prerequisite: PH 101

***PH 272 - Metaphysics | 3 CR**

Four movements in the development of the Western metaphysical tradition: Aristotle, Thomas Aquinas, Kant and Heidegger. Prerequisite: PH 101

***PH 278 - East/West Comparative Philosophy | 3 CR**

Heidegger and East Asian thought, the origin of Greek and Chinese philosophy; the Kyoto school; Nishitani's Religion and Nothingness. Prerequisite: PH 101

***PH 283 - Philosophical Theology | 3 CR**

The problem of God before and after Kant's "Copernican Revolution," phenomenology of religion and postmodern

theology. Prerequisite: PH 101

***PH 284 - Philosophy of Film | 3 CR**

Uses contemporary films to lead students through advanced philosophical examination of issues such as epistemology, ethics, religion, technology, and the nature of the mind. Prerequisite: PH 101

PH 285 - Philosophy of Performing Arts | 3 CR

This course examines the creation, expression, and meaning of the performing arts. Through drama, music, and voice, students will critically analyze the perennial elements and structure of story and its place in uncovering and creating meaning.

***PH 299 - Special Topics in Philosophy | 3 CR**

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc. Prerequisites established by the department as appropriate for the specific course. Course title is shown on the student's transcript. Consult the current course schedule for available topics and current prerequisites.

***PH 306 - Existentialism | 3 CR**

Nineteenth- and 20th-century existentialism, especially the thought of Kierkegaard, Nietzsche, Heidegger and Sartre. Prerequisite: PH 101

PH 307 - Philosophy of Lived Experience | 3 CR

A course in the method of phenomenology, which holds that all meaning philosophical questions can be addressed through a careful examination of our own experience. This task is not easy, because many commonsense attitudes about experience

need to be called into question. Thinkers who assist in capturing and reflecting on lived experience are Heidegger, Husserl, and Merleau-Ponty. Prerequisite: PH 101

***PH 322 - American Philosophy and Culture | 3 CR**

Interaction of American philosophical thought and the American experience as revealed in the philosophies of Edwards, Emerson, Thoreau, Peirce, James and Dewey. Prerequisite: PH 101

***PH 360 - Evolution, Philosophy, and Christianity | 3 CR**

To gain an understanding of evolutionary biology and the philosophical difficulties it creates for Christianity and our understanding of human nature. Prerequisite: PH 101

PH 362 - Philosophy of Science | 3 CR

Science is very useful, but we rarely stop to think about what kind of knowledge it is. That is the main concern of the philosophy of science. The course investigates various theories of science; the nature of the scientific method; the role of explanation, observation, and confirmation; and unique problems of knowledge that arise in a scientific context. Prerequisite: PH 101

***PH 380 - Philosophy of Wilderness | 3 CR**

The concept of wilderness has always both shaped and challenged understandings of nature, humankind, and civilization. The concept is explored in ancient philosophy, modernism, Thoreau, and contemporary ecological thought. Prerequisite: PH 101

***PH 381 - Love in the Western Tradition | 3 CR**

Examines the idea of love in the Western intellectual tradition, from the Greeks to today. Philosophical problems arising from

the scientific study of love and altruism are also investigated. Prerequisite: PH 101

***PH 382 - Problems in Contemporary Philosophy | 3 CR**

Topics, selected by the instructor, such as war and peace, near-death studies, the philosophical novel, new directions in philosophy or the crisis in professional ethics. Prerequisite: PH 101

***PH 383 - The Philosophy of St. Thomas Aquinas | 3 CR**

The existence and nature of God, human knowledge, the state, natural and divine law, virtue, grace and the Incarnation as explicated in the Summa Theologica. Prerequisite: PH 101

PH 399 - Independent Study | 1-3 CR

An area of study for which no course is presently provided. The student must find an instructor competent in his or her proposed topic and secure the permission of the chairperson and the dean. Prerequisite: PH 101

POLITICAL SCIENCE

The Political Science major seeks to awaken in students an appreciation and an understanding of politics and government in the broadest and deepest sense. It considers democratic governance the key to civilization, and ethics as central to democratic life.

Courses are offered in four major areas: American politics, comparative politics, international relations and political philosophy and theory. Classroom learning is enriched in a number of ways, including field trips to the state Capitol, Washington, D.C.; internships with legislators in the Connecticut General Assembly; Washington and district office internships with national legislators; election campaign and party organization internships; and internships with public administrators.

Students who major or minor in Political Science prepare themselves for careers in law, teaching, elective office, government service, many areas of business and not-for-profit management, international business, journalism, campaign management and other endeavors.

Faculty

LESLEY A. DENARDIS, PH.D.
Associate Professor

ALKA JAUHARI, PH.D.
Assistant Professor

STEVEN J. MICHELS, PH.D.
Associate Professor

GARY L. ROSE, PH.D.
Professor, Chair

Major in Political Science

For students entering Sacred Heart University in the Academic Year 2003–2004, the major in Political Science requires the completion of 36 credits. A minimum of 27 credits must be earned through formal classroom instruction. The balance of credits can be earned through formal coursework or Political Science internships.

REQUIRED COURSES

- | | |
|--------|---|
| PO 121 | Introduction to American Government |
| PO 122 | Introduction to International Relations |
| PO 200 | Approaches to Political Science |
| PO 300 | Foundations of Political Thought |
| PO 395 | Senior Seminar in Political Science |

Students are also required to take at least one course in Comparative Politics.

The remaining 18 credits in Political Science can be taken as electives

Comparative Politics

- | | |
|--------|---------------------------------------|
| PO 309 | British Politics |
| PO 310 | Irish Politics |
| PO 311 | Comparative Western European Politics |
| PO 312 | Comparative Eastern European Politics |
| PO 314 | Middle East Politics |
| PO 315 | Latin American Politics |
| PO 316 | South Asian Politics |

Political Philosophy and Theory

- | | |
|--------|---|
| PO 300 | Foundations of Political Thought |
| PO 303 | Radical Political Thought |
| PO 304 | American Political Thought |
| PO 305 | Ethics and Politics: Profiles of Practicing Politicians |

- PO 306 Liberalism
PO 307 Conservatism

REQUIRED SUPPORTING COURSES FOR MAJOR (BEGINNING FALL 2013):

6 Credits of a Foreign Language

Minor in Political Science

The minor in Political Science requires the completion of the following 18 credits:

REQUIRED COURSES

- PO 121 Introduction to American Government
PO 122 Introduction to International Relations
One Political Theory elective
One Comparative Politics elective
Two Political Science electives

Associate in Arts General Studies Emphasis

REQUIREMENTS (15 CREDITS)

- PO 121 Introduction to American Government
PO 122 Introduction to International Relations
Three Political Science electives

Course Descriptions

† Elective Core Courses

POCC 103 - The Human Community: The Individual and Society | 3 CR

This is the third of four courses in The Human Journey, the Common Core Curriculum at Sacred Heart University. The course explores questions regarding human meaning

and value by specifically focusing on the social and political dimensions of the Core Questions. This course will include an analysis of the major political philosophers and their perspectives on the following: What does it mean to be human? What does it mean to live a life of meaning and purpose? What does it mean to forge a more just society for the common good? What does it mean to appreciate and understand the natural world? The course will also incorporate key thinkers from the Catholic Intellectual tradition as they approach the core questions.

***PO 121 - Introduction to American Government | 3 CR**

Explores a variety of areas that collectively comprise the American political system. Examines the theoretical foundation of American government, the U.S. Constitution, political behavior, Congress, the presidency and the Supreme Court.

***PO 122 - Introduction to International Relations | 3 CR**

Focuses on fundamental factors in understanding international relations. Sovereignty, nation-states, national interests, power, diplomacy, United Nations, war, terrorism, ethnicity and low-intensity warfare, the environment and global politics are studied.

***PO 200 - Approaches to Political Science | 3 CR**

What is politics? And how best can we study it? This course examines how the study of politics has changed since Aristotle coined the term "political science" more than 2,000 years ago. Particular emphasis is on the development of political science as a discipline in the 20th century.

***PO 212 - American State and Local Government | 3 CR**

Examines the subnational level of American politics. Topics include the constitutional position of state governments, federal-state interaction, financing of state governments, political parties, group activity and public policies. Prerequisite: PO 121

***PO 213 - Lobbying and the Legislative Process | 3 CR**

Focuses on the central role of lobbyists and interest groups within the context of the lawmaking process. Lobbying strategies and linkages between lobbyists and lawmakers are explored. Guest speakers and trip to the state Capitol supplement class lectures.

***PO 215 - Political Parties | 3 CR**

Focuses on the role of political parties in American democracy. Examines the structure and function of party organization, behavior of the American electorate and effectiveness of parties in the governing process. Platforms and categories of minor parties are also discussed. Prerequisite: PO 121

***PO 216 - Congress and the Legislative Process | 3 CR**

Examines the constitutional powers of Congress, historical development, legislative process and relationship with executive branch of government. Prerequisite: PO 121

***PO 217 - The American Presidency | 3 CR**

Traces the role of the chief executive in the American political system. Attention is given to the evolution, functions and limits of executive leadership, relationship with Congress, public opinion, and impact of individual presidents are explored. Prerequisite: PO 121

***PO 218 - The Politics of Presidential Elections | 3 CR**

Explores the dimensions of presidential elections and controversial issues associated with the selection process. Topics include political coalitions, campaign strategy, the role of media and money, conventions and presidential debates. Prerequisite: PO 121

***PO 240 - War and Conflict | 3 CR**

Topics include the causes of war, case studies of major wars, theories of instinctual aggression, psychological behavior, ethnicity, national interests, imperialism, economics, international systems and other topics.

***PO 242 - International Organizations | 3 CR**

Focuses on the origin, evolution, structure and functions of regional and global intergovernmental and nongovernmental organizations. Special attention is given to the changing role of the post-Cold War United Nations.

***PO 243 - Terrorism | 3 CR**

History and evolution of terrorism in its global, cultural, psychological, religious and secular contexts. Special focus on military, diplomatic, political and economic responses as nuclear, chemical, biological and cyberwarfare capabilities spread in the 21st century.

***PO 244 - American Foreign Policy | 3 CR**

Examines themes of American foreign policy. Topics include containment, deterrence, détente, changing bases of national power, foreign policy development, terrorism, narco-criminality and environmental issues.

***PO 285 - Future Politics | 3 CR**

Explores the transformation of America and the planet. Consequences of shift from industrial to informational to networked economy on environment, society, careers,

domestic and international politics are studied.

***PO 291 - Ethics and International Politics | 3 CR**

Role of ethics and morality in international politics. Synthesis of religion and Idealism, national interest and Realism in foreign policy.

***PO 299 - Special Topics in Political Science | 3 CR**

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc.

Prerequisites established by the department as appropriate for the specific course. Course title is shown on the student's transcript. Consult the current course schedule for available topics and current prerequisites.

***PO 300 - Foundations of Political Thought | 3 CR**

Examines essential thinkers in political science, including Aristotle, Machiavelli and Rousseau. Themes include human nature, the structure and purpose of government, justice and ethics, liberty and rights, and the role of property.

***PO 303 - Radical Political Thought | 3 CR**

Have the benefits promised by liberal democracy been realized fully and by all individuals equally? This course focuses on those who claim to be neglected, alienated or oppressed by conventional politics and its institutions.

***PO 304 - American Political Thought | 3 CR**

The Constitution of 1787 was based on speculation and a series of untested principles: it is possible for a territory

as large as the United States to be self-governing; self-interest can be made to serve the common good; and minority rights can be protected in a system based on majority rule. This course examines documents related to the founding and other readings that shape, question and are inspired by political life in our country.

***PO 305 - Ethics and Politics: Profiles of Practicing Politicians | 3 CR**

Readings in ethics and the lives of practicing politicians from George Washington to the present that reaffirm foundations of democratic life, including virtue, integrity, honor and trust. Class time includes dialogue with public officials.

***PO 306 - Liberalism | 3 CR**

Liberalism emerged in the 17th century to advance individual liberty and a free and open society against religious conformity and ascribed status. This course examines this radical change, how liberalism itself has since changed, and the role that liberalism plays in politics today.

***PO 307 - Conservatism | 3 CR**

What conservatives have in common is an unwavering reverence for history and tradition. Consequently, what it means to be a conservative is determined by time and place. This course examines many variants of conservatism, including 18th-century Europe and the contemporary United States.

***PO 308 - Theories of Political Economy | 3 CR**

Examines the foundation of and challenges to market capitalism. The role of political actors, shortcomings of the market, and the trend toward globalization are emphasized. Seminal works of Adam Smith, Karl Marx and other economic theorists are explored.

***PO 309 - British Politics | 3 CR**

Examines the politics and governing structures of Great Britain as well as the contemporary challenges of the 21st century.

***PO 310 - Irish Politics | 3 CR**

Examines the politics and governing structures of Ireland as well as the contemporary challenges of the 21st century.

***PO 313 - The Politics of European Integration | 3 CR**

Explores the political complexities associated with the integration of European nations. The structure and function of European governing institutions are examined and analyzed.

***PO 314 - Middle East Politics | 3 CR**

Problems and prospects of the Middle East. Area history, culture, Islam, intrusion of the West, oil, impact of personalities, Arab-Israeli problem, modernization and Islamic fundamentalism are studied.

***PO 315 - Latin American Politics | 3 CR**

An introduction to the political culture and structures of Latin America. Explores key themes and challenges for the region, including democratization, economic development, violence and revolution, militarism and the relationship with the United States.

***PO 316 - South Asian Politics | 3 CR**

Explores the political cultures, religious traditions, governing structures, key personalities and political tensions in several South Asian countries.

***PO 317 - African Politics | 3 CR**

Study of African politics during colonial and postcolonial periods. Roots of political conflict, barriers to conflict resolution and relationship between African nations and the

United States are explored.

***PO 318 - Contemporary European Politics | 3 CR**

A comparative analysis of several European political systems. Similarities and differences are explored with respect to governing structures, political culture and patterns of political behavior.

***PO 319/PS 224 - Political Psychology | 3 CR**

Themes and concepts related to the expanding field of political psychology. Topics include the impact of media, nationalism, extremism and security. The psychology of leadership is examined through case studies.

***PO 320 - Modern Political Economy | 3 CR**

Examines free market and centralized approaches to economic development. Impact of approaches toward income distribution, welfare policy, health care and social security are explored through case studies.

***PO 321 - Public Administration | 3 CR**

Survey of organizational theories and professional skills useful to those contemplating public sector service. Addresses public service context, planning, budgeting, communication, leadership and other skills.

***PO 322 - American Public Policy | 3 CR**

Models of policy making. Examines government policies toward civil, gender and minority rights, crime, health, welfare, education, environment and other areas.

***PO 325 - Politics, Law and Judicial Behavior | 3 CR**

Examines the judiciary's role in the American political process. Topics include the nature of law, political influence in judicial

decision making, court organization, judicial recruitment and the powers and limitations of the judiciary. Prerequisite: PO 121

***PO 330 - Computer-Simulated Foreign Policy | 3 CR**

Simulations of international political systems. College students from the United States and around the world interactively conduct foreign policy of actual nations via the Internet.

***PO 341 - International Law | 3 CR**

Traces the development of international law and reviews principles and cases in major topical areas.

***PO 351 - Constitutional Law | 3 CR**

An inquiry into American constitutional law through the study of outstanding cases. Attention is given to the development of constitutional doctrines and the processes of legal reasoning. Prerequisite: PO 121

***PO 352 - The First Amendment | 3 CR**

Examines U.S. Supreme Court cases involving the freedom of religion, speech, press, assembly and petition. Special attention is given to the balance between personal liberty and societal order. Prerequisite: PO 121

PO 391 - Internship Program | 3-6 CR

Congressional district staff, state Capitol or Washington, D.C., internships; election campaign and party organization internships; not-for-profit organization internships and others. Prerequisite: Permission of department chair

PO 395 - Senior Seminar in Political Science | 3 CR

Advanced study of a particular theme or topic in a seminar setting. Required capstone course for Political Science majors. Prerequisite: Senior standing or permission.

PO 399 - Independent Study | 1-3 CR

Guided study of a topic that goes beyond normal course offerings under the direction of a member of the Political Science faculty. Approval of the chair of the Political Science program required. By special arrangement.

PSYCHOLOGY

The Psychology program provides its students with a basic foundation in the scientific study of human behavior. This background is of value to two groups of students: those who enter the employment market after completion of the Baccalaureate degree and those who further their education through graduate study and pursue a career in psychology or a related field.

The department offers courses on conducting experimental research, as well as providing internship opportunities and a wide range of elective courses covering many different areas of interest.

Faculty

RACHEL E. BOWMAN, PH.D.
Associate Professor

MAUREEN A. CONARD, PH.D.
Associate Professor

SAMANTHA DIAZ, PH.D.
Assistant Professor

SUSAN GANNON, M.A.
Instructor

JENNIFER GOSSELIN, PH.D.
Lecturer

RUTH M. GRANT, PH.D.
Visiting Assistant Professor

RONALD HAMEL, M.A.
Instructor

WILLIAM MAYER, PSY.D.
Lecturer

DAWN MELZER, PH.D.,
Assistant Professor

MINDY MISERENDINO, PH.D.

Associate Professor, Chair

SHIRLEY PAVONE, PH.D.
Visiting Assistant Professor

CARRIE PICARDI, PH.D.
Assistant Professor

JESSICA SAMUOLIS, PH.D.
Assistant Professor

CHRISTINA J. TAYLOR, PH.D.
Associate Professor

AMY VAN BUREN, PH.D.
Associate Professor

ALBERT WAKIN, M.S., CAGS
Instructor

DEIRDRE YEATER, PH.D.
Assistant Professor

Major In Psychology

The major in Psychology requires the completion of 38 credits.

REQUIRED COURSES

PS 110	Introduction to Psychology
PS 111	Thinking Critically about Psychological Science

Three Psychology electives

PS 301	Nonexperimental Research
PS 302	Experimental Research (4 credits)
PS 335	Human and Animal Learning
PS 351	Brain and Behavior
PS 380	Advanced Psychological Research (4 credits)
PS 382	Systems and Theories of Psychology
PS 396/397/398	Capstone Experience in Psychology (one course)

Minor In Psychology

The minor in Psychology requires the completion of the following 18 credits.

REQUIRED COURSES FOR MINOR

PS 110	Introduction to Psychology
PS 111	Thinking Critically about Psychological Science
PS 382	Systems and Theories of Psychology

Three Psychology electives

Associate in Arts General Studies

EMPHASIS REQUIREMENTS - PSYCHOLOGY 18 CREDITS)

PS 110	Introduction to Psychology
PS 111	Thinking Critically about Psychological Science
PS 382	Systems and Theories of Psychology

Three Psychology electives

Course Descriptions

† Elective Core course

PSCC103 The Human Community: The Individual and Society 3 CR

This course is the third of four courses in Sacred Heart University's Common Core Curriculum, The Human Journey. This course will address the four fundamental questions of human meaning and value that serve as the unifying frame for all the courses in The Human Journey. This particular course engages students in a study of the relationship between psychology – the science of human behavior and mental processes, and the Catholic intellectual tradition – which is characterized by rigorous intellectual inquiry and an openness to scientific ideas. This course aims to help us understand ourselves as human persons, as well as to understand the social and physical

environments in which we live.

†PS 110 Introduction to Psychology 3 CR

Introduction to psychology as the science of behavior, focusing on the physiological, cognitive, learning, sociocultural, and psychodynamic bases of behavior. Note: Students planning to major in Psychology must achieve a C+ or better in this course before moving on to PS 111.

†PS 111 Thinking Critically about Psychological Science 3 CR

This course is designed to help students develop the critical thinking skills necessary to understand psychology as the science of human behavior. Note: Students must achieve a C+ or better in this course before moving on to any of the 300-level courses in Psychology. Prerequisite: C+ or better in PS 110

†PS 211 Human Sexuality 3 CR

An in-depth analysis of issues relating to human sexuality, including historical perspectives and their significance, research evaluation, gender identity, communication, sexual response and sexual dysfunction and its treatment. Prerequisite: PS 110

†PS 212 Abnormal Psychology 3 CR

Examines various mental disorders, such as schizophrenia, bipolar disorder, brain damage, retardation, sexual deviations. Prerequisite: PS 110

†PS 215 Social Psychology: Interpersonal Factors 3 CR

Explores how people are affected by the persons around them. Topics include: person perception, first impressions, interpersonal attraction, nonverbal communication, romantic love, prejudice, stereotyping, aggression, conformity, obedience and environmental influences on behavior. Prerequisite: PS 110

***PS 220 Drugs: Use and Abuse in Contemporary Society 3 CR**

Examines the nature of drug use, legal and illegal, in contemporary society. Emphasis is on behavioral and physiological effects of psychoactive substances, addictions, rehabilitation strategies and ethical issues. Prerequisite: PS 110

***PS 222 Sports Psychology 3 CR**

Provides information on and facilitates understanding of individual sport behavior. Emphasis is on the psychological constructs and concepts that relate to and help explain the phenomena of sports performance. Prerequisite: PS 110

***PS 224/PO 319 Political Psychology 3 CR**

Themes and concepts related to the expanding field of political psychology. Topics include the media, nationalism, extremism, and security. Psychology of leadership examined through case studies. Prerequisite: PS 110

***PS 233 Introduction to Clinical Psychology 3 CR**

Provides an understanding of basic principles and tools used in clinical practice to implement behavioral interventions. Students are expected to master some of the elemental principles of cognitive-behavioral therapy and to demonstrate the applicability of these principles to their own experience. Prerequisite: PS 110

***PS 241 Psychology of Personality 3 CR**

Explores scientific perspectives on personality including trait, biological, Freudian, neo-Freudian, social learning and humanistic. Prerequisite: PS 110

***PS 252 Child Development Psychology 3 CR**

Traces development from conception through childhood, including basic concepts and theories as applied to psychological processes of perception, cognition, social interactions, affective and moral

development. Prerequisite: PS 110

***PS 255 Industrial and Organizational Psychology 3 CR**

Explores theories and methods involved in application of the psychological principles in work settings. Emphasis is on understanding theory, research, learning methods and techniques used in practice. Prerequisite: PS 110

***PS 256 Consumer Psychology 3 CR**

Examines psychological, social, and behavioral processes involved in consumer behavior, with a special emphasis on ethical issues. Prerequisite: PS 110

***PS 273 Adolescent Development 3 CR**

An in-depth study of developmental and behavioral issues in adolescence. Emphasis is on adjustment to adolescent roles, the search for self-identity, and healthy and unhealthy personality development. Prerequisite: PS 110

***PS 274 Adult Development 3 CR**

Considers various psychological issues and developmental tasks of adulthood and middle age, psychological characteristics of the elderly, and the psychology of death and dying. Prerequisite: PS 110

***PS 275 Psychology of Women 3 CR**

Surveys and examines current research and theories about women and gender. Topics include: gender-role stereotypes, attitudes toward women, gender-role socialization, women and work, sexuality, marriage, love and the biology of women. Prerequisite: PS 110

***PS 285 Psychological Counseling I 3 CR**

Deals with the fundamental principles of counseling, and involves the study of several different theoretical approaches, including client-centered and rational-emotive. Prerequisite: PS 110

PS 286 Psychological Counseling II 3 CR

Presents further dimensions of the helping relationship and the approaches of reality, cognitive and Gestalt therapy. Audiotapes of students' counseling efforts are critiqued in class. Prerequisite: PS 285

***PS 295 Health Psychology 3 CR**

Focuses on the relationship between attitudes and personality factors and health. Emphasis is on stress management and behavioral change methods for health improvement and maintenance. Prerequisite: PS 110

PS 299 Special Topics in Psychology 3 CR

Designates new or occasional courses that may or not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc. Prerequisites established by the department as appropriate for the specific course. Course title is shown on the student's transcript. Consult the current course schedule for available topics and current prerequisites.

PS 301 Research Design & Analysis I 3 CR

Students learn how to do primary quantitative research in psychology and to apply basic statistical principles to data collected using the scientific method. Emphasis is on descriptive, correlational, and other nonexperimental designs. Prerequisites: PS 111 with a C+ or better, MA 131 plus one additional college-level mathematics course with an average of C+ or better across both mathematics courses with neither grade below C

PS 302 Research Design & Analysis II 4 CR

Students continue to learn how to do primary quantitative research in psychology and to apply basic statistical principles to data collected using the scientific method. Emphasis is on hypothesis testing in experimental and quasi-experimental designs, with special consideration given

to the control of extraneous variables. Prerequisite: PS 301, with at least a C+

PS 313 Abnormal Psychology in Film 3 CR

Study of the diagnosis, causes, and treatment of the major psychological disorders through examination of their portrayal in popular films. Prerequisite: PS 111 with a C+ or better

PS 331 Psychological Tests and Measurements 3 CR

Examines principles, theories, applications, and ethics of psychological tests used for clinical, educational, industrial, or legal purposes. Specific tests and issues unique to their use and abuse are presented. Prerequisite: PS 111 with a C+ or better

PS 335 Human and Animal Learning 3 CR

Explores theories of learning from their historical origin to the present, and focuses on how these theories can be applied to the "real world." Students will gain insight into the factors that influence their own behavior, as well as the behavior of others. Prerequisite: PS 111 with a C+ or better or BI 111/113

PS 350/BI 205 Essentials of Neuroscience 3 CR

Introduces students to the field of neuroscience, which combines biology and psychology into a single area of study. Topics range from the cellular and molecular physiology of neurons to issues of human language, cognition, mental illness, and drug use. Prerequisites: PS 111 with a C+ or better or BI 111/113

PS 351 brain and Behavior 3 CR

Examines the molecular and molar views of the nervous and endocrine systems and emphasizes the roles of these systems in behavior. Prerequisite: PS 111 with a C+ or better or BI 111/113

PS 352 Hormones and Behavior 3 CR

This course examines the hormonal mediation of various behaviors, including play, aggression, parenting and cognitive functioning. Prerequisite: PS 111 with a C+ or better or BI 111/113

PS 353 Psychopharmacology 3 CR

This course presents current data and theories in psychopharmacology and drug abuse research. Basic principles of pharmacology, neurotransmission and drug use are covered. Prerequisite: PS 111 with a C+ or better or BI 111/113

PS 380 Advanced Psychological Research 4 CR

Covers research techniques and literature in a particular area of psychology. Laboratory work is included. Prerequisite: PS 302 with a C+ or better

PS 382 Systems and Theories of Psychology 3 CR

An historical survey of theoretical formulations and systems in psychology. Evaluates structuralism, functionalism, behaviorism, Gestalt psychology, psychoanalysis and humanistic and cognitive orientation. Prerequisites: PS 111 with a C+ or better, Senior Psychology majors or minors or departmental permission

PS 389 Advanced Special Topics 3 CR

Designates new or occasional upper-level courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, reflect a faculty member's particular interest, or offer an alternative to existing courses. Prerequisite: PS 111 with a C+ or better

PS 390-395 Psychological Research 1-6 CR

Research in the basic areas of scientific psychology performed under the supervision of participating faculty. By special arrangement with faculty member.

PS 396 Capstone: Psychology Internship 3 CR

A senior course which integrates theory and practice with supervised placement in agencies, schools and/or institutions. Seminars focus on career assessment, personal growth and work skills. Prerequisite: Senior Psychology major standing

PS 397 Capstone: Psychological Research 3 CR

A senior course in which students conduct research under the supervision of a faculty member. Course may involve a review and discussion of relevant literature in a seminar format and/or data collection in a laboratory setting. Intended for students who are planning to go to graduate school in Psychology. Prerequisite: Permission of department

PS 398 Capstone: Practicum Project 3 CR

A senior course in which students participate in a community service and/or research project to learn a set of practical skills and apply this knowledge to their other Psychology courses in a career-related setting. Prerequisite: Senior Psychology major standing

Note: The department may allow other courses to substitute for PS 396, PS 397, or PS 398, provided the course meets certain criteria and is approved by the chair.

SOCIAL WORK

Social work is both a profession and a method of helping. As a profession, social work assists individuals, families, groups, organizations, and the community to meet their needs, solve problems, obtain resources, and achieve goals. As a method of helping, social work involves purposeful use of professional knowledge, skills, and values to facilitate development and change in individuals or larger systems.

The Baccalaureate Social Work Program employs a liberal arts perspective that provides students with analytical, conceptual, and interactional skills that allow them to identify client strengths and resources, to implement planned change, and to intervene in problem situations.

The major in Social Work prepares students for professional generalist social work practice at the beginning level and for graduate study. The baccalaureate degree program is accredited by the Council on Social Work Education.

Faculty

PATRICIA CARL-STANNARD, M.S.W., L.C.S.W.
Clinical Assistant Professor

BRONWYN CROSS-DENNY, M.S.W., L.C.S.W.
Instructor

JOAN A. POLLACK, M.S.W., L.C.S.W., M.H.S.A.
Director, Baccalaureate Social Work Program,
Clinical Associate Professor

Major in Social Work

The major in Social Work requires the completion of 46 major credits, plus 18 – 19 credits of required supporting courses in Psychology, Biology, Political Science, and Sociology.

The student is required to maintain an overall GPA of 2.5 or higher and a GPA of 2.5 or higher in required major courses.

REQUIRED COURSES

SW 101	Introduction to Social Work
SW 224	Cultural Competency
SW 265	Social Welfare as a Social Institution
SW 266	Social Welfare Policy and Services
SW 267	Human Behavior and the Social Environment I
SW 268	Human Behavior and the Social Environment II
SW 275	Social Work Practice I
SW 278	Junior Field Practicum
SW 279	Junior Field Practicum Seminar
SW 375	Social Work Practice II
SW 378	Senior Field Practicum I
SW 379	Senior Field Practicum Seminar I
SW 380	Senior Field Practicum II
SW 381	Senior Field Practicum Seminar II
SW 390	Research Methods for Social Work

REQUIRED SUPPORTING COURSES

PS 110	Introduction to Psychology
BI 010	The Nature of Life or BI 030 The Human Body
PO 121	Introduction to American Government
SO 110	Sociological Imagination
SO 215	Social Psychology: Macroprocesses Society
SO 254	Society and Economic Change

Course Descriptions

SW 101 Introduction to Social Work 3 CR

Explores the profession of social work as a career choice. Focuses on generalist social work practice as a societal response to social problems with an orientation to professional knowledge, skills, values, and ethics.

Prerequisite: SO 101 or SO 110

SW 140 Perspectives on Family Violence 3 CR

The effects and characteristics of family violence from the legal, medical, and social perspectives. Incidence and preconditions of child abuse, spousal abuse, and elder abuse are studied.

SW 224 Cultural Competency 3 CR

Provides students with a framework for understanding how diversity characterizes and shapes the human experience and is critical to the formation of identity.

SW 265 Social Welfare as a Social Institution 3 CR

An introduction to the social service delivery system and resources, the values and ethics inherent in policy, and the role of the social work profession. Includes a global perspective on comparative social welfare systems. Prerequisite: SW 101

SW 266 Social Welfare Policy and Services 3 CR

Examines how social policy is formulated and implemented with a focus on the inequalities and inequities in social welfare policy that express institutional discrimination. Emphasizes the development of macropractice skills. Prerequisites: PO 121, SO 254, and SW 265

SW 267 Human Behavior and the Social Environment I 3 CR

Theories of human development with emphasis on stages of the life cycle; human diversity; and the biological, psychological,

socioeconomic, spiritual, and cultural influences on development. Prerequisites: BI 010 or BI 030, PS 101 or PS 110, and SW 101

SW 268 Human Behavior and the Social Environment II 3 CR

A study of diverse family, group, community, and organizational systems and their impact on human development and behavior.

Theoretical knowledge and assessment skills are emphasized. Prerequisite: SW 267

SW 275 Social Work Practice I 3 CR

Emphasizes the generalist model of social work practice, the use of systems theory, the strengths perspective, and professional values and skills to facilitate the planned change and problem-solving process.

Prerequisites: Junior standing and SW 101

SW 278 Junior Field Practicum 4 CR

Internship for two days each week in a human service agency where students are professionally supervised in social work practice with clients and the community. Prerequisites: SW 265, SW 267, SW 275, and departmental evaluation for admission to Intermediate Major Status; Corequisite: SW 279

SW 279 Junior Field Practicum Seminar 2 CR

Taken concurrently with SW 278, this course facilitates, reinforces, and supports field-based learning. Emphasizes engagement, assessment, intervention planning, interviewing skills, and professional values and ethics. Corequisite: SW 278

SW 299 Special Topics in Social Work 3 CR

Designates new or occasional courses that may or may not become part of the program's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc. Prerequisites established by the program as appropriate for the specific course. Course title is shown on the student's transcript.

Consult the current course schedule for available topics and current prerequisites.

SW 375 Social Work Practice II 3 CR

Examines intervention skills with families, groups, communities, and organizations using the planned change process. Introduces spirituality in social work practice. Prerequisite: SW 275

SW 378 and 380 Senior Field Practicum I and II 4 CR each

Professionally supervised Senior internship for two days each week. Integration of theory with practice and the development of appropriate skills and knowledge, along with professional identification, values, and attitudes. Prerequisites: SW 278 and SW 279, and evaluation for admission to Degree Candidacy status; Corequisites: SW 379 and SW 381

SW 379 and SW 381 Senior Field Practicum Seminar I and II 2 CR each

Emphasis is on professional development, the use of research methods to evaluate one's own practice, and application of theory from the entire curriculum to professional practice. Corequisites: SW 378 and SW 380

SW 390 Research Methods for Social Work 4 CR

Development of research skills for evaluation and enhancement of social work practice. Emphasizes research designs, sampling, practice evaluation, program evaluation, measurement instruments, and basic statistics. Prerequisite: Junior standing

SOCIOLOGY

Sociology is the systematic and scientific study of social life, from peer groups to mass media to the global society. The Sociology Program at Sacred Heart University is value driven and the faculty provide a course of study that fosters awareness of social conflict and inequality while highlighting practices and structures that promote healthy self development, cohesive family and community, and a fair and just society. The Program provides an excellent foundation for careers in professional sociology and social research, teaching, counseling, community service, human resources, journalism, public relations, government service, law, NGOs and other non-profit organizations.

Faculty

COLLEEN BUTLER-SWEET, PH.D.
Assistant Professor

STEPHEN J. LILLEY, PH.D.
Professor, Chair

AMANDA MORAS, PH.D.
Assistant Professor

GERALD F. REID, PH.D.
Professor

Major in Sociology

The major in Sociology requires the completion of 36 or 39 credits. There are three concentrations that students can choose from: General Sociology Concentration, Concentration for Elementary and Secondary Certification, and the Social Research Concentration. Students interested in any of the concentrations should consult their advisor before selecting courses.

REQUIRED COURSES

AN 110 Human Cultural Diversity

SO 110 Sociological Imagination

SO 372 Sociological Theory

SO 373 Applications of Sociological Theory

SO 382 Methods of Social Research

SO 383 Applications of Social Research

SO 398 Senior Seminar in Sociology

Two Sociology electives (other than electives used toward concentration)

Additional Requirements for General Sociology Concentration: 9 credits

SO 392 Sociology Internship

Two courses from the following:

SO 201 Poverty and Inequality in the United States

SO 239 Diversity and Oppression in Contemporary Society

SO 258 Society and the Environment
Anthropology elective

Additional Requirements for the Teaching Concentration: 9 credits

Three courses from the following:

SO 216 Changing Families

SO 238 Youth and Contemporary Society

SO 239 Diversity and Oppression in Contemporary Society

Anthropology elective

Additional Requirements for the Social Research Concentration: 12 credits

SO 242 Statistics for Social Research

SO 392 Sociology Internship

Two courses from the following:

SO 240 Studying Changing Human Populations

SO 254 Society and Economic Change

AN 250 Doing Ethnography: Qualitative Research in the Social Sciences

Minor in Sociology

The minor in Sociology requires the completion of the following 18 credits:

AN 110 Human Cultural Diversity

SO 110 Sociological Imagination

Anthropology elective

Three Sociology electives

Associate in Arts General Studies

EMPHASIS REQUIREMENTS (15 CREDITS)

Required Courses

AN 110 Human Cultural Diversity

SO 110 Sociological Imagination

Three Sociology electives

Course Descriptions

† Elective Core Courses

SOCC 103 The Human Community: The Individual and Society 3 CR

This is the third of four courses in The Human Journey, Sacred Heart University's Common Core Curriculum. As part of the University's Common Core: The Human Journey, this course takes up the enduring questions of human existence: 1) What does it mean to be human? 2) What does it mean to live a life of meaning and purpose? 3) What does it mean to appreciate and understand the natural world? 4) What does it mean to forge a more just society for the common good? Investigations are primarily guided by insights from sociology about the social nature of human beings and the

structure of societies while also including the contributions from the natural sciences and the Catholic intellectual tradition.

†SO 110 Sociological Imagination 3 CR

Students are taught how to investigate social issues as sociologists do—by tracing the troubles of men and women back to broader social forces and problems. The relevance of sociology is demonstrated through examples of applied sociology and through the students' use of social theory and methods to address social problems.

†SO 201 Poverty and Inequality in the United States 3 CR

The aim of this course is for students to develop an understanding of the nature, causes, and consequences of poverty and socioeconomic inequality in the contemporary United States. These problems are examined from theoretical, descriptive, historical, and comparative perspectives. The intersection of the problems of poverty and inequality with gender, race, ethnicity, and political power are also examined. Students will have an opportunity to examine critically current public policies designed to deal with the problems of poverty and inequality in American society. Prerequisite: SO 110

†SO 215 Social Psychology: Macroprocesses 3 CR

Explores social and cultural forces that influence individual social interaction. Covers components of individual social behavior and interpersonal social behavior. Prerequisite: SO 110

†SO 216 Changing Families 3 CR

Examines family in terms of structure, roles, and functions. Emphasis is on understanding: family life cycles; the shift in perspective about the family; the conflict between family values and individual values; the interplay between individual families and the larger

society; and the flexibility and diversity of the family as an institution. Prerequisite: SO 110

SO 224 Social Capital & Civil Society 3 CR

Centered on Putnam's influential *Bowling Alone* (2001), this course examines the concept of social capital and the role of social capital in the building and maintenance of community life and civil society. Prerequisite: SO 110

***SO 233 Aging in America 3 CR**

The aging of the American population is the subject of this course. Emphasis is placed on the imminent retirement of the "baby boomers" and its impact on the structures of society and future generations. Prerequisite: SO 110

***SO 234 Sociology of Health and Health Care 3 CR**

Focuses on the social nature of illness in contemporary society, the changing health care system and the ethical issues raised by advances in medical technology. Prerequisite: SO 110

***SO 237 Deviance and Social Control 3 CR**

Explores the creation of deviance, the process of becoming deviant and society's reactions to such issues as civil disorder, crime, mental illness, addiction and sexual deviance. Prerequisite: SO 110

***SO 238 Youth and Contemporary Society 3 CR**

The course analyzes youth as a stage in life made both promising and problematic by contemporary social structure and culture. Attention is given to the origins and forms of youthful conformity and achievement as well as misconduct and crime, with an emphasis on how those

issues differ by gender, social class, race/ethnicity, and variations in the organizations and social institutions that constitute the context of daily life for youth. Prerequisite: SO 110

***SO 239 Diversity and Oppression in Contemporary Society 3 CR**

Emphasis is on human diversity. This course is designed to give students an understanding of the conditions that lead to minority emergence and the consequence of minority status; it fosters acceptance of diversity, cultural pluralism, and social change. Prerequisite: SO 110

SO 240 Studying Changing Human Populations 3 CR

This course (1) identifies what kinds of changes have been occurring in the size, composition, and geographic distribution of human populations at the local, national and global levels; (2) analyzes the impacts those changes have been exerting on social patterns; and (3) develops basic skills for studying those changes and impacts. Focuses on birth and fertility rates, death rates, migration rates, and changes in specific aspects of populations: size, age, sex ratio, socioeconomic status, and cultural heritage/identity. Prerequisite: SO 110

***SO 242 Statistics for Social Research 3 CR**

This course shows how to use statistics for specific purposes in social research and how to interpret the results of statistical analysis. Prerequisites: SO 110 and C or better in MA 101 or higher level Mathematics course

***SO 254 Society and Economic Change 3 CR**

Major socioeconomic developments in

21st-century capitalism (e.g., consumer culture, global labor market, media empires) are studied. The persistence of inequality and poverty, fragmentation of family and community, unhealthy constructions of self-image, and other social problems are explained in terms of these developments. Prerequisite: SO 110

SO 257 Science, Technology and Society 3 CR

With the increasing diffusion of biotechnology, cybertechnology, communication/media technology, etc., in the world, it is prudent to study the influence of science and technology on culture and society and to consider the social impact of the next wave. While identifying serious problems and risks, the course also explores how science and technology are positive forces. Prerequisite: SO 110

***SO 258 Society and the Environment 3 CR**

This course (1) examines how human activities contribute to environmental problems, such as climate change, pollution, disappearance of natural habitat, decreasing biodiversity, diminishing natural resources, deforestation, erosion, and desertification, (2) analyzes the impact of environmental degradation on human populations and human societies; and (3) identifies those steps taken and yet to be taken to end degradation and restore environmental health. A project in which students take action in some group, organization, or community to make its impacts on the environment more positive is required. Prerequisite: SO 110

SO 259 Social Movements 3 CR

Social movements are a powerful form of collective action with the capacity to alter societies for the better (e.g., Civil Rights Movement) or worse (e.g., fascism). Utilizing a rich vein of social theory and social

scientific studies, this course offers an in-depth analysis of these fascinating social phenomena. Prerequisite: SO 110

SO 263 Sociology of Gender 3 CR

This course provides an introduction to the sociological study of gender by exploring gender as something that is individual, interactional, and institutional. This course elaborates specifically on how gender is a central component of inequality and oppression, and the intersections of gender, race, class and sexuality. Prerequisite: SO 110

SO 296 Sociology of Education 3 CR

This course focuses on education as a social institution and an agent of socialization. The formal organization of education, education and the family, education and social stratification, and education as a vehicle for examining and solving social problems are explored. Prerequisite: SO 110

SO 299 Special Topics in Sociology 3 CR

Detailed and comprehensive analysis of a sociological issue or problem of current interest. Specific topic is announced in the course schedule of any given semester. Prerequisite: SO 110

SO 372 Sociological Theory 3 CR

This sociological theory course gives students an understanding of the works of the major classical theorists whose ideas played a central role in the development of sociological theory and introduces students to the dominant contemporary perspectives in social thought. Emphasis is on developing the students' knowledge of the range of thinking that exists concerning social issues, what the strengths and weaknesses of each position are, therefore, enabling them to work within any point of view. A seminar format is used, requiring students to do assigned readings before a topic is discussed

in class since it is through class discussions that ideas are analyzed, dissected, and critically assessed. Prerequisites: AN 110, SO 110, and two Sociology electives

SO 373 Applications of Sociological Theory 3 CR

Emphasis is on sociology as an applied discipline that provides scientific explanations of important social issues. Students review several existing sociological studies framed within the various theoretical approaches studied in the Sociological Theory (SO 372). Students are expected to identify the theoretical framework used by the researcher in each study; to explain the impact of the theoretical framework on the methodology used in the study; and to propose another theoretical framework that could have been used and its impact on the selection of a research method to study the social phenomenon covered in the study. This course helps students understand the relationship between theory and method and provides a critical foundation for the design and development of their Senior thesis. Prerequisites: SO 372, SO 382; Corequisite: SO 383

SO 382 Methods of Social Research 3 CR

Students learn how to design, conduct, and report the results of social research. Attention is given to: experimental and evaluation research, field research, unstructured exploratory interviewing, content analysis, analysis of published statistical data, survey research, conceptualization and operationalization of variables, analysis of data, the writing of research reports, and the logic of cause and effect in research. The course also includes learning how to use the Statistical Package for the Social Sciences (SPSS) software to analyze quantitative data. Prerequisites: AN 110, SO 110, and two Sociology electives

SO 383 Applications of Social Research 3 CR

This course involves additional exercises with the analysis of published statistical data, content analysis, survey research, sampling theory, the use of SPSS for quantitative data analysis, with emphasis on applications of multivariate analysis for the purpose of examining evidence for cause-and-effect relationships. Other topics include the relationship between theory and research; examining studies which researchers have used to test and/or refine sociological theories; learning how to use one's own research to test, refine, and develop sociological theories; and developing the ability to relate the findings of existing studies to one's own research questions. This course is a critical part of the foundation for the Senior Seminar in Sociology. Prerequisites: SO 382, SO 372; Corequisite: SO 373

SO 392 Sociology Internship 3-6 CR

The internship in Sociology offers an opportunity for qualified Sociology majors to gain practical experience in an area to which sociology applies. Internships are arranged in advance of the semester they are to be taken. Prerequisite: Permission of Sociology faculty

SO 398 Senior Seminar in Sociology 3 CR

The capstone course in the Sociology major. Students write and defend a sociological thesis under the guidance of a faculty mentor. Prerequisites: SO 373 and SO 383, Senior Sociology major standing

SO 399 Independent Study in Sociology 3 CR

Designed for students interested in advanced study or in pursuing areas within Sociology for which no course is offered. By special arrangement. Prerequisite: Permission of Sociology faculty

THEOLOGY AND RELIGIOUS STUDIES

Throughout human history, religion has played an enormous role in shaping human actions and perceptions, as well as social institutions and values. The academic study of religion involves a sympathetic yet critical examination of the human attempt to answer the questions, "Who are we and why are we here?" It also allows us to understand better the complex world in which we live. The study of religion uses the methods of several disciplines, including theology, philosophy, history, psychology, sociology, anthropology, and literary criticism. The goals of the program are that students engage in critical dialogue with their own religious traditions and other traditions; understand these traditions in their complexity; and articulate coherent, religiously informed answers to basic questions of human meaning.

The Religious Studies major allows the student to explore numerous topics within the broad domain of religion, such as theology, Bible, ethics, world religions, myth, ritual, and issues of sexuality and gender in world religions. This major can easily combine with a second major and with any minor or concentration. A concentration in Catholic theology and minor in Catholic Studies are also offered.

Faculty

ONO EKEH, PH.D.
Assistant Professor

JUNE-ANN GREELEY, PH.D.
Associate Professor

RICHARD M. GRIGG, PH.D.
Professor

MICHAEL W. HIGGINS
Professor, Ph.D.

CHRISTOPHER KELLY, PH.D.
Assistant Professor

CHRISTEL J. MANNING, PH.D.
Professor

BRIAN STILTNER, PH.D.
Associate Professor, Chair

Major in Religious Studies

The major in Religious Studies requires the completion of 33 credits.

REQUIRED COURSES

RS 101 Introduction to the Study of Religion

OR

TH 101 Introduction to Theology

10 Religious Studies electives selected in consultation with a department advisor

Minor in Religious Studies

The minor in Religious Studies requires the completion of 18 credits.

REQUIRED COURSES FOR MINOR

RS 101 Introduction to the Study of Religion

OR

TH 101 Introduction to Theology

Five Religious Studies electives selected in consultation with a department advisor

Associate in Arts - General Studies

EMPHASIS REQUIREMENTS (15 CREDITS)

RS 101 Introduction to the Study of Religion

OR

TH 101 Introduction to Theology

Four Religious Studies electives

Certificate in Catholic Theological Studies

The Certificate in Catholic Theological Studies is awarded to students who take Religious Studies 101, plus three more courses from a special list of Religious Studies and Philosophy courses, and who write a capstone paper in their fourth course. The goal is for students to make an in depth exploration of some of the issues studied in Roman Catholic fundamental, systematic, and moral theology. One of the courses selected fulfills the University-wide requirement to take one course in either Religious Studies or Philosophy beyond the 101s.

Course Descriptions

*RSCC 104 - The Human Search for Truth, Justice, and the Common Good | 3 CR

This course is the capstone course in Sacred Heart University's Common Core sequence of study, The Human Journey. As the capstone, this course addresses the Core's four fundamental questions of human meaning and value. This course will investigate the religious or philosophical understanding of the human condition as a theme running through the four stated questions. Students will study both classic and contemporary texts from a range of religious and some philosophical traditions, particularly the Catholic intellectual tradition. A vital component of the course will be students' own responses to the four questions, especially as

those responses evolve through the enrichment of the course material. As a capstone course, RSCC104 enables students to develop a personal, integrated set of answers to the common core questions through a range of modalities and media, including service projects, research papers, artistic productions, student "portfolios" of completed assignments for all four Core courses, and other similarly integrated and interdisciplinary work.

TH 101 - Introduction to Theology | 3 CR

Introduces fundamentals of Catholic life and thought. Key doctrines examined are scripture, tradition, God/Trinity, Jesus Christ, sacraments, and the Church in the modern world. Additional topics might include ethics, spirituality, and the saints. Placed in historical context, Catholic theological reasoning about these doctrines is compared to theology in other branches of Christianity.

*RS 101 - Introduction to the Study of Religion | 3 CR

A critical and constructive study of the nature of religion, its functions in human life and its various forms and manifestations.

*RS 205 - Ancient Religions and Cults | 3 CR

Explores the beliefs, practices, and teachings of ancient world religions including those of ancient Egypt and Mesopotamia; the mystery cults of the ancient Greco-Roman civilizations, and the religious traditions of pre-Christian northern Europe (Scandinavia) and ancient Iran. The focus of study is on the sacred writings of the religions, with emphasis on such major topics as deities and divine powers, rituals of birth and death, gender studies, and the relationships between ancient faith traditions and the emergence of monotheism. Prerequisite: RS 101 or TH 101

RS 209 - Introduction to the New Testament | 3 CR

Literary, historical, and theological study of the New Testament. Included topics:

the origin, formation and development of the Gospels and letters; various types of interpretation; the distinctive views of the New Testament writers about Jesus' life, teachings, death, and resurrection.

***RS 211 - Introduction to the Old Testament | 3 CR**

Literary and historical study of the Old Testament, also known as the Hebrew Bible in Judaism. Relationship of literary form and interpretation in passages from the Pentateuch, historical and prophetic books, and wisdom literature. Comparison and contrast of theological meanings of these writings for Jews and Christians. Prerequisite: RS 101 or TH 101

***RS 212 - Christology | 3 CR**

Examines the theological interpretation of Jesus as the Christ in the history of the Christian tradition. Prerequisites: RS 101 or TH 101

***RS 213 - Comparative Religion | 3 CR**

Compares the central themes in the major religions of the world: Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam. Prerequisites: RS 101 or TH 101

***RS 214 - Introduction to Eastern Religions | 3 CR**

Explores history, beliefs and practices of Hinduism, Buddhism and other religions of India, China and Japan and the emergence of the contemporary New Age movement. Prerequisites: RS 101 or TH 101

***RS 215 - Introduction to Islam | 3 CR**

A theological and phenomenological exploration of beliefs, practices, and symbology of Islam, incorporating extensive readings from the Qur'an, the hadith and shari'a, and Sufism. This course

analyzes contemporary topics such as religion and gender, and religion and politics. Prerequisites: RS 101 or TH 101

***RS 216 - Celtic Religious Traditions | 3 CR**

The mythic history of Ireland and "beginning" of the Irish, and the traditions by which the Irish have come to identify themselves and give meaning to their world. Study of the religious function of social institutions; gods, goddesses and ruling powers; holy places; feasting and sacrifice; spirits and ancestors; and the other world. Also considered is the role of women in these traditions and the continuation of "myth" in modern Ireland. Prerequisite: RS 101 or TH 101

***RS 218 - Cults, Sects and New Religious Movements | 3 CR**

Explores beliefs and practices of new religions in America, including Mormonism, Unification Church, Christian Science, Scientology, Theosophy, New Age, Neopaganism and UFO cults. Presents both sociological and theological approaches to understanding new religions. Prerequisites: RS 101 or TH 101

***RS 219 - Women in World Religions | 3 CR**

An analysis of women's role in Christianity, Judaism, Hinduism, and Islam—both historical and contemporary—using theories and methods of gender study. Prerequisites: RS 101 or TH 101

***RS 220 - Women in Christianity | 3 CR**

A theological, textual and gender-based examination of women in the history of Christianity, incorporating critical analysis of texts written about and by Christian women. Topics include the image of women and woman's spirituality in the Bible, writings of the Church Fathers, mystics, sectarian movements, and the feminist reconstruction of tradition. Prerequisites: RS 101 or TH 101

†RS 221 - Women in Islam | 3 CR

This course examines the theological, anthropological and cultural encounter between women and Islam from an historical as well as contemporary perspective. Dismissing polemics, and grounding study on writings by and about Muslim women across the full scope of the Islamic world, the course will explore particularly how Muslim women have realized and their faith and engaged in patterns of religious practice. Prerequisites: RS 101 or TH 101

†RS 222 - Women in American Religion | 3 CR

A critical analysis of women and religion within the context of American history and culture. This course examines religious writings/narratives by Native American women, and American women in Christianity, Judaism, and Islam. The impact of race, class, history, and/or ethnicity upon religious experience is also explored in the writings of feminist, Womanist (African-American) and Mujerista (Latina) theologians. Prerequisites: RS 101 or TH 101

†RS 224 - The Gospel of John | 3 CR

A critical interpretation of the Gospel of John. Prerequisites: RS 101 or TH 101

†RS 226 - The Letters of Paul | 3 CR

Examines the social and religious world of St. Paul, his biography, his writings in the New Testament, and how these influenced the developing Christian church. Prerequisites: RS 101 or TH 101

†RS 229 - The Historical Jesus | 3 CR

Investigates what can be known of the historical Jesus through a proper methodological examination of the sources. Special emphasis is on the parables of Jesus. Prerequisites: RS 101 or TH 101

†RS 230 - The Death of Jesus | 3 CR

Traces the development of the traditions of the passion and death of Jesus as they are found in the gospels of Matthew, Mark, Luke and John. Prerequisites: RS 101 or TH 101

†RS 232 - Contemporary Religious Thinkers | 3 CR

Representative writings of a specific religious thinker. Focus is on the work of either an important theologian or a contemporary scholar of religion. Consult the course instructor for the topic. Prerequisites: RS 101 or TH 101

†RS 233 - Religion and Ecology | 3 CR

Examines how religion has shaped humanity's relationship with nature, and explores various religious and philosophical responses to contemporary ecological problems. Prerequisites: RS 101 or TH 101

†RS 235 - Religion and Sexuality | 3 CR

Examines the relationship between religion and sexuality in various world religions. Topics include asceticism vs. eroticism; defining normality and deviance; sex as a means to challenge or maintain the social order; religious responses to the changing sexual morality in contemporary Western society. Prerequisites: RS 101 or TH 101

†RS 236 - Catherine and Teresa | 3 CR

Catherine of Siena (14th cen.) and Teresa of Avila (16th cen.) are esteemed for enriching the life of the Catholic Church

with their theological writings and their distinctive spiritual gifts. Explores the significant contributions of both women in the context of their respective historical and religious milieus. Also examines Dominican (Catherine) and Carmelite (Teresa) spirituality. Prerequisite: RS 101 or TH 101

***RS 238 - Spiritual Teachers and Thinkers | 3 CR**

Explores the representative spiritual writings of a specific religious teacher from the history of the world's religions. Examples of such spiritual teachers include Hildegard of Bingen, Meister Eckhart, George Fox, Teresa of Avila, Ibn al'Arabi, and Martin Buber. Consult instructor for relevant topic. Prerequisites: RS 101 or TH 101

***RS 239 - Catholic Church Music | 3 CR**

Examines the significance of the music used in the Catholic Church's historical and present liturgical traditions. The technical construction of the music and biographical details of composers and musicians are studied. Prerequisites: RS 101 or TH 101

***RS 240 - Understanding Theology | 3 CR**

An introduction to the nature and role of theology. Investigates both academic, or "public," theology and confessional, or "church-centered," theology. Prerequisites: RS 101 or TH 101

***RS 242 - Medieval Theology | 3 CR**

A critical examination of central doctrines of Christianity, Judaism, and Islam as they developed during the Middle Ages. This course analyzes particular modalities of theological expression such as mysticism, sacred art/architecture, and women's visionary writings. Prerequisites: RS 101 or TH 101

***RS 243 - Early Christian Thought | 3 CR**

Traces the course of the Church's historical and dogmatic traditions from the New Testament period to the Middle Ages. Prerequisites: RS 101 or TH 101

***RS 244 - Christian-Jewish Understanding | 3 CR**

Examines the historical and theological relationship between Judaism and Christianity beginning at the time of Jesus, which resulted in the separation of and misunderstanding between Christians and Jews through the Patristic period, Renaissance, Middle Ages, until the present time. Particular attention is paid to the recent positive studies in interreligious understanding advanced by the Second Vatican Council. Prerequisites: RS 101 or TH 101

***RS 245 - Contemporary Roman Catholic Thought | 3 CR**

Various thinkers and movements that have shaped contemporary Roman Catholic life and thought, including Karl Rahner, the Second Vatican Council and liberation theology. Prerequisites: RS 101 or TH 101

RS 250 - Introduction to Judaism | 3 CR

Key components of the complex religion of Judaism, including: Biblical foundations, historical development, theological considerations, rituals and symbols, calendar and holidays, Jewish Mysticism, prayer, denominations, and life cycle events. Explores the role of God in the life of Jews past and present; compares the meaning of Judaism then and now. Prerequisite: RS 101 or TH 101

***RS 255 - History of Christian Ethics | 3 CR**

The ethical reflections of some of the most influential Christian thinkers from the Church Fathers to the present (e.g., Augustine,

Thomas Aquinas and Martin Luther) applied to various important topics of ethical debate in Christian history (e.g., the notion of just war). Prerequisites: RS 101 or TH 101

***RS 257 - Contemporary Moral Issues | 3 CR**

A religious-ethical examination of moral issues that involve a significant conflict of values in contemporary society, such as economic inequality, racism, violence, sexual ethics and bioethics. Service learning may be required in some sections. Prerequisites: RS 101 or TH 101

***RS 260 - Bioethics: Religious Approaches | 3 CR**

Introduces students to the methods and principles of biomedical ethics, and explores several ethical issues in medical practice and health care policy. The theoretical frameworks employed include religious-ethical perspectives in Christianity and some other religious traditions, as well as philosophical and social critiques and proposals. Major topics covered include euthanasia, reproductive technologies, human cloning, consent for experimentation and allocation of health care resources. Prerequisites: RS 101 or TH 101

***RS 261 - Symbol, Myth and Ritual | 3 CR**

Notions of symbol, myth and ritual, as well as an introduction to the use of symbols, myths and rituals in a wide variety of religious traditions. Prerequisites: RS 101 or TH 101

***RS 262 - Human Rights | 3 CR**

Investigates philosophical and religious theories of human rights, the modern history of rights, and ways to implement a human rights agenda. Prerequisites: RS 101 or TH 101

RS 266 - Foundations of Catholic Ethics | 3 CR

Explores the historical sources and

methods of reasoning in the Roman Catholic moral tradition. Critically examines current moral issues in Catholicism. Prerequisites: RS 101 or TH 101

***RS 267 - Mysticism | 3 CR**

This course introduces the student to the dimension of spirituality known as mysticism, through readings in and critical analysis of mystical texts of the world's religions, including Tao te Ching, the Hindu Upanishads, Zohar and other Kabbalistic texts, the poets of Sufism, and Christian mystics from the history of Christianity. Prerequisites: RS 101 or TH 101

***RS 268 - Classics of Western Spirituality | 3 CR**

Great spiritual masters of the Western religious traditions (e.g., John of the Cross, Theresa of Avila, Ignatius Loyola, Teilhard de Chardin, Martin Buber and Thomas Merton). Prerequisites: RS 101 or TH 101

***RS 275 - Death and Dying in the World Religions | 3 CR**

All religious traditions have regarded the process of dying and the result of bodily death as significant events—as natural but also sacred states of being that impart to earthly life its deepest meaning and value. Course explores religious beliefs about, and practices developed around, human dying, death and any subsequent conditions of existence. Prerequisite: RS 101 or TH 101

***RS 277 - Pilgrimage and Spiritual Journeys | 3 CR**

Introduces the religious ritual activity of pilgrimage, a spiritually inspired journey in time and over space. The concept is studied in several religions and from several methodological angles that occur in many religious traditions. Prerequisites: RS 101 or TH 101

***RS 278 - Religion in America | 3 CR**

Examines the historical factors responsible for distinctive trends in American religion and identifies common threads that run through the religious history of America from the Puritans to today.

Prerequisites: RS 101 or TH 101

***RS 281 - Religion, Health and Healing | 3 CR**

Explores theories and practices of healing in Eastern, Western and Primal religions. Examines research on connections between religion and health and efficacy of alternative and spiritual therapies.

Prerequisites: RS 101 or TH 101

***RS 289 - Religion, War and Peace | 3 CR**

An examination of ethical attitudes toward war and peace embraced by Christianity and other religions. Prerequisites: RS 101 or TH 101

***RS 291 - Religious Themes in Contemporary Fiction | 3 CR**

Explores the religious dimensions in the fiction of writers such as Cynthia Ozick, John Cheever, Toni Morrison and Italo Calvino. Prerequisites: RS 101 or TH 101

***RS 299 - Special Topics in Religion | 3 CR**

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc.

Prerequisites established by the department as appropriate for the specific course. Course title is shown on the student's transcript.

Consult the current course schedule for available topics and current prerequisites.

***RS 301 - The Church: Roman Catholic Perspectives | 3 CR**

An investigation of Catholic thinking and teaching about the nature of the

Church. Prerequisites: RS 101 or TH 101

***RS 302 - The Roman Catholic Sacraments | 3 CR**

Explores the history of the sacraments, the theology behind them and their role in contemporary Catholic life.

Prerequisites: RS 101 or TH 101

RS 323 - Theology and the Human Person | 3 CR

Investigates theological conception of the human person in light of Christian revelation, and asks: In what way is a person like God? What do we mean by human nature, sin, grace, and free will?

Can the traditional Christian and the modern scientific notions of humanity be reconciled? Prerequisite: RS 101 or TH 101

RS 325 - Faith and Science | 3 CR

Explores history and interaction between Catholic theology and science in the medieval, modern, and contemporary era. The interaction is studied in the context of such topics as: cosmology, evolution, ecology, and technology.

Prerequisite: RS 101 or TH 101

RS 343 - Justice and Philanthropy in Catholic Thought | 3 CR

Introduces theory and practice of philanthropy. Engages in ethical analysis of social problems of inequality from a Catholic vantage. Provides opportunity to develop skills of social entrepreneurship by studying or volunteering in local philanthropies. Prerequisite: RS 101 or TH 101

RS 344 - Virtue Ethics | 3 CR

The study of moral character. Course investigates the philosophy and theology of virtue throughout history; the value of the social and natural sciences for understanding virtue; and the social dimensions of

virtue. Prerequisite: RS 101 or TH 101

**RS 382 - North American
Christianities | 3 CR**

Examines several American Protestant Christian movements that proposed new scriptures and new understandings of Christianity, for instance, the Shakers, Mormons, and Spiritualists. Asks how Christianity has adapted to cultural changes in areas such as work, education, family life, and health care. Prerequisite: RS 101 or TH 101

**RS 384 - Holocaust: Genocide
and Religion | 3 CR**

Analysis of the Holocaust and other 20th century genocides (Rwanda, Bosnia) with a focus on religion as a dimension of the causes of genocide. Assesses degrees of accountability for genocide among religious populations, both lay and clerical. Prerequisite: RS 101 or TH 101

RS 399 - Independent Study | 1-3 CR

An area of study for which no course is presently provided. The student must find an instructor competent in his/her proposed topic and secure the permission of the chairperson and the dean. Prerequisites: RS 101 or TH 101

John F. Welch College of Business

JOHN CHALYKOFF, PH.D.
Dean

MISSION STATEMENT

The John F. Welch College of Business mission is to foster a continuous and inquisitive learning community rooted in the Catholic intellectual tradition, to provide students with business knowledge and appropriate skills, and to develop undergraduate and graduate students prepared to achieve their personal and professional goals in the business community and global society.

Who we are.

Our learning community includes faculty members who are teachers, scholars, and experienced professionals supported by administrative staff members, undergraduate and graduate business students, alumni, and members of companies and organizations who provide employment, internships, and advice.

What we value.

Rooted in the Catholic intellectual tradition, we value scholarship as contributing to learning, understanding, and the search for truth. We stress the primacy of teaching as the focus of our work and value active, engaging, and personalized learning experiences in and outside of the classroom. We believe personal attention fosters the growth and development of our students, and strive to develop individuals who will act ethically and responsibly. We find strength in the rich diversity of the human family

and invite participation in our community by persons of varied races, faith traditions, ethnic backgrounds, and diverse opinions and beliefs. We value academic excellence in all of our programs.

What we do.

To fulfill our mission, we teach and advise students. We foster academic rigor. We emphasize ethical dimensions in our curricula, promote active participation by students in the learning process, include experiential learning, and incorporate appropriate technology and teaching techniques in our classes. As faculty, we engage in research to understand and contribute to the development of our discipline, its practice, and ways in which it is taught. We partner with the business community to improve practice and align our curricula to evolving business needs, and also work collaboratively to ensure that students develop an awareness of and appreciation for the resources and expertise available to them from the faculty and Sacred Heart University community. We give service to our college, University, profession, and the wider community, and emphasize to our students the importance and intrinsic rewards of being good citizens and the responsibilities of being educated persons.

The Welch Experience

The John F. Welch College of Business has created a benchmark program for business students that is designed to accomplish two very important goals: 1) To provide ongoing exposure to professional resources that will help students explore career options and decide the best way to apply a business degree. 2) To engage students in a comprehensive series of programs that will build resumes and develop the skills that

DISCIPLINE	CONCENTRATIONS	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	
		EMPHASIS	MAJOR	MINOR
BS Degree				
Accounting			Yes	Yes
Business Administration			Yes	Yes
Entrepreneurship and Family Business	Yes			
Human Resources Management	Yes			
International Business	Yes			
Management	Yes			
Marketing	Yes			
Business Economics			Yes	Yes
Finance			Yes	
Marketing			Yes	
Digital Advertising	Yes			
Fashion Marketing	Yes			Yes
Sports Marketing	Yes			
Sport Management			Yes	

employers are looking for.

Highlights of the Welch Experience include:

- waived tuition for one short-term study abroad course, making valued intercultural experiences more accessible;
- free golf lessons, focusing on not only the game of golf but on its links to the business world, from networking to marketing and sponsorships;
- interactive presentations from successful business professionals every month exposing students to new career opportunities;
- research, mentoring and leadership positions;
- Professional Electronic Portfolio;
- networking and business etiquette receptions and banquets;
- trips to businesses in the northeast corridor from New York to Boston; and much more.

College of Business Core Curriculum

All candidates for a baccalaureate degree in the Welch College of Business must complete the Business core curriculum consisting of twenty-four (24) credits. The Business core consists of the following courses:

AC 101	Financial Accounting and Reporting
AC 105	Managerial Accounting and Control
BU 201	Organizational Management
BU 231	Business Law I
BU 257	Business Ethics
BU 301	Business Policy
FN 215	Financial Management
MK 201	Principles of Marketing

In addition, all Welch College of Business majors are required to complete EC 202 Principles of Microeconomics, EC 203 Principles of Macroeconomics and MA 133 Elementary Statistics with Business Applications as required supporting courses. A minimum grade of C is required for core curriculum courses and for all courses required for each major within the Welch College of Business. Core courses may also be part of each major's course requirements.

ACCOUNTING

The effective use of financial information is vital for decision makers in business, industry, banking, government, education, law and many related fields. Individuals with a strong background in accounting and finance are in great demand for positions such as financial analysts, estate planners, investment counselors, market researchers, auditors, comptrollers and accounting managers. The Accounting program is designed to meet both the short- and long-term needs of students who enter the accounting profession. The program meets the needs of students who plan to start a career after graduation or who plan to continue their education on the graduate level.

Faculty

BENOÎT N. BOYER, PH.D.
Professor

KAREN T. CASCINI, PH.D., C.P.A.
Professor, Chair

KITTIPONG LAOSETHAKUL, PH.D.
Associate Professor

CHERI MAZZA, PH.D.
Associate Professor

DANNY A. PANNENESE, M.S.T., C.P.A.
Associate Professor

STEPHEN SCARPATI, M.B.A., C.P.A.
Clinical Associate Professor

E. DANIEL SHIM, PH.D.
Professor

DEZROY STEWART, M.B.A., C.P.A.
Visiting Assistant Professor

BARBARA TARASOVICH, M.B.A., C.P.A., PH.D.
Assistant Professor

Major in Accounting

All Accounting students must complete the following courses to earn their degree.

SACRED HEART UNIVERSITY CORE CURRICULUM (54-56 CREDITS)

COLLEGE OF BUSINESS CORE CURRICULUM (24 CREDITS + 9 REQUIRED SUPPORTING CREDITS)

AC 101	Financial Accounting and Reporting
AC 105	Managerial Accounting and Control
BU 201	Organizational Management
BU 231	Business Law I
BU 257	Business Ethics
BU 301	Business Policy
FN 215	Financial Management
MK 201	Principles of Marketing

OTHER COURSES IN MAJOR (33 CREDITS)

The following required eight courses:

AC 201	Intermediate Accounting I
AC 202	Intermediate Accounting II
AC 301	Advanced Accounting I
AC 313	Cost Management
AC 321	Auditing I
AC 383	Federal Taxes I
BU 232	Business Law II
IS 272	Dynamics of Information Technology
AC 390	Accounting Internship

And three of the following:

AC 302	Advanced Accounting II
AC 314	Advanced Management Accounting
AC 322	Auditing II
AC 384	Federal Taxes II

- AC 397 Volunteer Income Tax Assistance Program (VITA)
 FN 314 Financial Statements Analysis

REQUIRED SUPPORTING COURSES (TAKEN AS PART OF UNIVERSITY CORE)

- EC 202 Principles of Microeconomics
 EC 203 Principles of Macroeconomics
 MA 133 Elementary Statistics with Business Applications

Electives necessary to complete degree requirements.

Minor in Accounting

The minor in Accounting requires the completion of 18 credits plus the required supporting courses EC 202 and EC 203.

REQUIRED COURSES

- AC 101 Financial Accounting and Reporting
 AC 105 Managerial Accounting and Control
 AC 201 Intermediate Accounting I
 AC 202 Intermediate Accounting II

Two of the following courses:

- AC 301 Advanced Accounting I
 AC 313 Cost Management
 AC 321 Auditing I
 AC 383 Federal Taxes I
 AC 397 Volunteer Income Tax Assistance Program (VITA)
 FN 314 Financial Statements Analysis

REQUIRED SUPPORTING COURSES

- EC 202 Principles of Microeconomics
 EC 203 Principles of Macroeconomics

Academic Requirements for AICPA Examination

Baccalaureate degree required. 46 semester hours from an accredited college in the study of accounting and related subjects, including, but not limited to business law, economics, and finance; of which at least 24 semester hours shall be in the study of accounting. 150 credit hours* required for certification, not to take exam.

* Including 36 hours of accounting

Accounting Course Descriptions

AC 101 Financial Accounting and Reporting 3 CR

Emphasis on the information that the language of business provides for decision makers. This is accomplished by using a transactions-analysis approach. Individual and team-based problems and cases are used to stress accounting fundamentals as well as the global and ethical issues of accounting decisions.

AC 105 Managerial Accounting and Control 3 CR

Covers the role of managerial accounting in corporate management. Emphasis is on the introduction of product and service costing, profit planning, cost analysis and the cost allocation process. Current

financial accounting and control matters are reviewed and evaluated. Individual and team-based problems and cases are used to explore global ethical issues.

AC 201 Intermediate Accounting I 3 CR

Further discusses accounting concepts, principles and practices, placing more emphasis on the theoretical aspects involved. While intended for the Accounting major, this is also a most useful course for other majors

in the College of Business.

Prerequisite: AC 101

AC 202 Intermediate Accounting II 3 CR

Covers specialized topics in accounting including, but not limited to, pension accounting, debt and equity financing issues, stockholders' equity, earnings per share, international accounting and in depth analysis of the statement of cash flows. Emphasis is on the most recent pronouncements of the FASB and the IASB.

AC 301 Advanced Accounting I 3 CR

Advanced Accounting I covers financial accounting and reporting topics such as investments, business combinations, consolidated financial statements, foreign currency transactions, translation of foreign currency financial statements and partnerships. The topics are analyzed from the perspective of ongoing developments in the business environment, domestic and international standard setting, and associated ethical implications.

AC 302 Advanced Accounting II 3 CR

Advanced Accounting II covers financial accounting and reporting topics such as accounting changes, leases, deferred taxes, estates and trusts, worldwide accounting diversity and international standards. It also includes coverage of the Securities and Exchange Commission and its financial reporting requirements, accounting for not-for-profit organizations and state and local governments. The topics are analyzed from the perspective of ongoing developments in the business environment, domestic and international standard setting, and associated ethical implications.

AC 313 Cost Management 3 CR

Explores critical issues facing accounting and financial managers in the current business

environment. Topics include: introduction to state-of-the-art managerial accounting practices, in-depth understanding of cost management, product and service costing methods, performance evaluation and managerial compensation systems. Global and ethical issues are examined. Written assignments, case studies and team discussions comprise much of classroom interaction.

Prerequisite: AC 105

AC 314 Advanced Management Accounting 3 CR

Introduces modern theory of management accounting and control and strategic cost management. Financial and managerial controls issues faced by multinational corporations are examined. Topics include: cost analysis, activity-based accounting and management, strategic cost control, agency theory, decentralization issues and incentive and compensation systems. Case studies and development, team discussions and empirical study comprise much of classroom interaction.

Prerequisite: AC 105

AC 321 Auditing I 3 CR

Studies audit practices used by independent public accountants in examining accounting records and statements. Emphasis is on "generally accepted auditing standards" of evaluation of internal control as well as ethical issues.

Prerequisite: AC 202

AC 322 Auditing II 3 CR

Continues AC 321 emphasizing completion of the audit engagement. Includes preparation of various reports, other services offered by CPAs, legal liability, ethical and professional responsibilities.

Prerequisite: AC 321

AC 383 Federal Taxes I 3 CR

Introduces individual income taxation. Topics include: formulation of tax statutes, research methodology, tax planning, analysis of taxable income as well as ethical considerations.

Prerequisite: AC 202

AC 384 Federal Taxes II 3 CR

Examines federal corporate, partnership, estate and trust taxation. IRS practices and procedures are examined, as well as international and ethical considerations.

Prerequisite: AC 383

AC 390 Accounting Internship 3-9 CR

Students are directly involved in various dimensions of accounting. Emphasis is on the practical application of accounting principles and skills to a specific industry or organization. An on-site accounting professional supervises students

Prerequisite: Permission of the department chairperson

AC 397 Volunteer Income Tax Assistance Program (VITA) 3 CR

The VITA Program provides low- to moderate-income taxpayers assistance in the preparation of their tax returns. Students receive Internal Revenue Service (IRS) training to help prepare basic tax returns in the local community. Once training is completed, students must pass the IRS's written examination to become VITA certified and complete the required staffing hours during tax filing season. Emphasis is on the application of current tax law, communication skills, and community service.

Prerequisite: AC 101

AC 399 Independent Study 1-3 CR

Students work on a special topic under the

direction of an instructor. Permission of the instructor and department chairperson is granted to qualified Accounting majors on the basis of a written proposal from the student.

Information Systems Course Descriptions**IS 272 Dynamics of Information Technology 3 CR**

Presents information systems concepts from a managerial perspective to understand how information systems work and how they are used for business purposes. This course is designed to help students understand and use fundamental information systems principles so that they will efficiently and effectively function as future business employees and managers. Topics include: hardware and software of computers, telecommunication and networks (including the Internet), database management, e-commerce, systems development and systems security.

IS 375 E-Commerce 3 CR

Students learn both theory and the practice of doing business over the Internet and the World Wide Web. Topics include: infrastructure for electronic commerce (EC), tools for EC, EC planning and implementation, and various issues regarding security, privacy ethics and taxes.

Prerequisite: IS 272

BUSINESS ADMINISTRATION

The Business Administration major is a broad-based degree program enabling students to understand how organizations operate in the contemporary global environment. Business Administration majors acquire an understanding of the external environment of business and how it affects the internal activities of an enterprise. Drawing on management theory as well as current business practices, students develop knowledge, skills and competencies that will enable them to assume positions in a wide variety of industries and organizations. The Business Administration curriculum places special emphasis on personal ethical accountability and corporate social responsibility.

In addition to coursework in business disciplines such as accounting, economics, finance, law, marketing, management information systems and operations management, students complete management courses that explore how resources—whether human, information, technology, knowledge or materials—all strategically combine to achieve the goals of an organization. The communication, teamwork and leadership skills needed in managerial roles are emphasized across the curriculum. Students also choose a three-course concentration in one of six areas. An Internship from any Business school major or involvement in Students in Free Enterprise (SIFE) is required. These credits can count in either the concentration or as the Business elective.

Faculty

JEANINE ANDREASSI, PH.D.
Associate Professor

STEPHEN M. BROWN, ED.D.
Professor

VALERIE CHRISTIAN, M.B.A.
Assistant Professor

ANDRA GUMBUS, ED.D.
Associate Professor

GRACE CHUN GUO, PH.D.
Assistant Professor

TIM CRADER, D.B.A.
Visiting Assistant Professor

LEANNA LAWTER, PH.D.
Assistant Professor

ROBERT MARSH, PH.D.
Associate Professor, Chair

RICHARD L. PATE, J.D.
Assistant Professor

TUVANA RUA, M.A., M.B.A.
Instructor

JING'AN TANG, PH.D.
Assistant Professor

MARY G. TREFRY, PH.D.
Associate Professor

CHRISTOPHER YORK, J.D.
Clinical Assistant Professor

MICHAEL ZHANG, D.B.A.
Associate Professor

Major in Business Administration

All Business Administration students must complete the following courses to earn their degree.

SACRED HEART UNIVERSITY CORE CURRICULUM (54-56 CREDITS)

COLLEGE OF BUSINESS CORE CURRICULUM (24 CREDITS + 9 REQUIRED SUPPORTING CREDITS)

- | | |
|--------|------------------------------------|
| AC 101 | Financial Accounting and Reporting |
| AC 105 | Managerial Accounting and Control |

BU 201	Organizational Management
BU 231	Business Law I
BU 257	Business Ethics
BU 301	Business Policy
FN 215	Financial Management
MK 201	Principles of Marketing

OTHER COURSES IN MAJOR (21 CREDITS)

BU 202	Organizational Behavior
BU 221	Business Communications
BU 278	International Business
BU 275	Operations Management
CS 106	Introduction to Information Technology for Business
IS 272	Dynamics of Information Technology

One Business elective (200 level or higher) or Internship

**REQUIRED SUPPORTING COURSES
(TAKEN AS PART OF UNIVERSITY CORE)**

EC 202	Principles of Microeconomics
EC 203	Principles of Macroeconomics
MA 133	Elementary Statistics with Business Applications

CONCENTRATION (9 CREDITS)

Choose from:

Human Resources Management

BU 207	Management of Human Resources
BU 234	Human Resources Law
	Business elective or Internship

International Business

BU 203	Cross-Cultural Relations
	Two International Business electives or one elective and Internship

Management

BU 303	Frontline Supervisory Skills
	Internship or Business elective
BU 207	Management of Human Resources

Marketing

Three Marketing electives or two Marketing electives and Internship

Entrepreneurship and Family Business

BU 373	Entrepreneurship
BU 374	Small and Family Business Management
BU 380	Creativity in Management or Internship

Minor in Business Administration

The minor in Business Administration requires the completion of 18 credits, plus the required supporting courses EC 202 and EC 203.

REQUIRED COURSES

AC 101	Financial Accounting and Reporting
AC 105	Managerial Accounting and Control
BU 201	Organizational Management
BU 202	Organizational Behavior
BU 231	Business Law I
MK 201	Principles of Marketing

REQUIRED SUPPORTING COURSES

EC 202	Principles of Microeconomics
EC 203	Principles of Macroeconomics

Business Course Descriptions

BU 103 Business: Its Nature and Environment (Non-Business majors only) 3 CR

Provides an overview of business functions and activities in today's global environment. Explores how the external social and business environments both affect and are affected by organizations and how managers use the various functional disciplines to achieve the goals of the organization. The roles of ethics, globalization, and information technology are explored as key integrating themes.

BU 201 Organizational Management 3 CR

An interdisciplinary study of the management of organizations and decision-making, utilizing behavioral and quantitative approaches. Topics include: decision-making, motivation and behavior, leadership, group behavior, organizational change, planning, control and allocation of resources. These topics are addressed against a backdrop of management responses to issues of ethics, social responsibility, and globalization. Lecture and case study format.

BU 202 Organizational Behavior 3 CR

Organizational behavior is about people and how they act and interact, mostly as members of groups. Current theories of organizational behavior are examined through the use of self-administered tests, experiential exercises, discussion and case analysis.

Prerequisite: BU 201

BU 203 Cross-Cultural Relations 3 CR

Being able to work well with people from other cultures, both outside and inside your country, is vital in the changing global environment. Cultural sensitivity and awareness of different perceptions, values, and traditions are important individual skills. Many people identify with more than one culture, adding to the complexity

of cross-cultural relations. In this course students learn to be alert to possible cultural differences. Students come to understand these differences and learn not to rely on self-referential criteria.

BU 207 Management of Human Resources 3 CR

Explores the contemporary human resources function and basic processes involved in the recruitment, selection, training, development, and evaluation of an organization's human resources.. Additional topics include today's emphasis on talent management as well as legal issues in HR management, labor relations, performance assessment and improvement, career paths, termination, compensation and benefit systems, and managing diversity.

Prerequisite: BU 201

BU 221 Business Communications 3 CR

Corporate business-focused oral and written communication skills are analyzed and practiced. Individual and group presentations, memos, letters, reports, resumes, and interview preparation are included. Laptop required.

Prerequisites: C or better in EN 110 and CA 101

BU 231 Business Law I 3 CR

Provides a general survey of law adapted to the business environment. Areas of study include the judicial system, constitutional law, criminal law, tort law, contract law, international law, and employment law.

BU 232 Business Law II 3 CR

Provides an advanced survey of law adapted to the business environment. Areas of study include the Uniform Commercial Code, agency law, business organizations, property law, securities law, secured transactions law and bankruptcy law.

Prerequisite: BU 231

BU 233 International Business Law 3 CR

A general survey of international law including treaties and international organizations. Topics include: the European community, WTO, U.S. trade policy, international contracts and international payment mechanisms.

Prerequisite: BU 231

BU 234 Human Resources Law 3 CR

A survey of the laws which create, regulate and terminate the relationship between the employer and the employee, including contract law, federal and state anti-discrimination statutes, wage and hour statutes, and other applicable law. With a micro analysis of the life of an employee complaint, from internal filing to litigation.

Prerequisite: BU231

BU 257 Business Ethics 3 CR

Investigates the ethical questions that arise in normal business situations. The case study method is used to examine topics such as justice and the market system, whistle-blowing, trade secrets and conflict of interest, privacy, discrimination and affirmative action, marketing, safety and employment issues. Special emphasis is given to ethics as it relates to finance, corporations and international business.

Prerequisites: PH 101 and BU 201

BU 275 Operations Management 3 CR

This course serves as the introduction to the operations function of business. All organizations, for profit or not-for-profit, manufacturing, processing, or services, have operations as their central function. Despite their diversity, these organizations share common objectives and problems; in most cases, the same principles can be applied to help manage the operations. Major topics include determining operations strategy and

objectives, planning the operations process, controlling operations, and managing its quality. The course introduces concepts to help understand how operations are organized and how operations decisions affect virtually every aspect of the firm.

Prerequisites: BU 201 and MA 133

BU 278 Principles of International Business 3 CR

Surveys the scope of international business with special emphasis on various environments including political, economic, legal, technological, and socio-cultural. Also discusses the managerial process of planning, organizing, controlling, and leading in a global context, and its application to achieve success in international business.

Prerequisite: BU 201

BU 299 Special Topics in Business 3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc. Prerequisites are established by the department as appropriate for the specific course. Consult the current course schedule for available topics and current prerequisites.

BU 301 Business Policy 3 CR

Explores the formulation and administration of policy, integration of the various specialties of business and development of an overall management viewpoint.

Prerequisite: Senior standing

BU 303 Frontline Supervisory Skills 3 CR

Explores supervisory skills required to effectively manage and deal with people in the workplace. Emphasis is on strategic human resource issues of recruiting and managing to retain talent. Includes

skill-building applications to practice supervisory skills such as interviewing, providing feedback, conducting effective meetings, resolving team conflict, dealing with emotional behavior, and managing separations, terminations, and outplacement.

Prerequisite: BU 202

BU 304 Decision Making in Business 3 CR

This course gives students an opportunity to explore business decision-making tools and to apply them to business problems. Students will work in teams on complex problems facing managers and make decisions and recommendations for actions. Students are required to spend time outside of class to research information and work with team members. Prerequisites: BU201, FN215, MA133

BU 311 The Welch Way 3 CR

Introduces Senior Business majors to methods and ideology pioneered by Jack Welch during his stewardship at General Electric. Students gain a deep understanding of Welch-like leadership methods through study and debate. Human resource aspects of management are also covered. Emphasis is on practice rather than theory. Guest speakers, in-class exercises and simulations, and applications of methods are the fundamental elements of this course.

Prerequisites: BU 201

BU 373 Entrepreneurship 3 CR

Students utilize their skills in various business disciplines to explore the passion of creativity. The course enables students to conceptualize and pursue the development of a new idea or concept or the improvement/new application of an existing product or service. Students utilize their knowledge of the market and competitive landscape, research, financial models, and management skills to determine the

feasibility of a project and evaluate risk and the process of raising venture or risk capital.

Prerequisites: BU 201, FN 215, and Junior or Senior standing

BU 374 Small and Family Business Management 3 CR

This course introduces the student to the challenges, opportunities and rewards of owning a small business and provides the tools needed to be successful from startup through growth. The course is also directed to students who will enter into the management of family businesses, either their own family's or someone else's, and who will do business with family firms, consult to them, work with them in private wealth management, mergers and acquisitions, banking, consulting, outsourcing, etc.

Prerequisites: BU 201

BU 380 Creativity in Management 3 CR

This interdisciplinary course is designed to help students understand the genesis of an idea for a new product or service and how that idea is converted into a commercially viable business using marketing and finance concepts. Guest speakers illustrate the creative process, and case studies are used to demonstrate their conversion in the context of a business environment.

Prerequisites: BU 201, FN 215, and MK 201

BU 390 Internship 3-9 CR

Students are directly involved in various dimensions of business. Emphasis is on the practical application of business principles and skills to a specific industry or organization. An on-site business professional supervises students.

Prerequisites: Junior or Senior status plus permission of the internship coordinator and department chairperson

BU 397 Students in Free Enterprise (SIFE) 1 CR

The SIFE course provides students with an opportunity to engage in experiential learning. Through SIFE, students design and implement business-focused community service projects. To receive three credits for SIFE, students must be involved during both the fall and spring semesters during one school year. During the spring, the group creates a presentation summarizing their activities and presents the results at regional and national competitions judged by business executives.

BU 398 Business Projects - SIFE II 2 CR

The SIFE course provides students with an opportunity to engage in experiential learning. Through SIFE, students design and implement business-focused community service projects. To receive three credits for SIFE, students must be involved during both the fall and spring semesters during one school year. During the spring, the group creates a presentation summarizing their activities and presents the results at regional and national competitions judged by business executives.

BU 399 Independent Study 1-3 CR

Students work on a special topic under the direction of an instructor. Permission of the instructor and department chairperson is granted to qualified Business majors on the basis of a written proposal from the student.

BUSINESS ECONOMICS

The Business Economics major gives students a solid understanding of today's global business environment and market structure. It combines in-depth study of economic theory with business applications within an ethical framework. The program enables students to understand market forces and their interplay with government policies and business decisions. It emphasizes the application of economic concepts and the use of critical thinking to resolving economic and managerial problems. Students acquire the analytical and problem-solving skills needed to investigate and critically evaluate economic trends and business conditions. They learn to interpret current issues confronting society (e.g., deficits, inflation, unemployment, poverty) as well as individuals (e.g., wages, cost of living, taxes). The major in Business Economics requires completion of 48 major credits. The curriculum is designed to enable students to succeed in business and government careers, graduate schools, and law schools as well as to become better-informed and productive citizens.

Faculty

RUSSELL ENGEL, PH.D.

Assistant Professor

RALPH LIM, M.B.A., C.F.A.

Associate Professor

KHAWAJA A. MAMUN, PH.D

Associate Professor

LUCJAN T. ORLOWSKI, PH.D.

Professor, Chair

STEPHEN RUBB, PH.D.

Associate Professor

Business Economics Major

All Business Economics students must complete the following courses to earn their degree.

SACRED HEART UNIVERSITY CORE CURRICULUM (54-56 CREDITS)

COLLEGE OF BUSINESS CORE CURRICULUM (24 CREDITS + 9 REQUIRED SUPPORTING CREDITS)

AC 101	Financial Accounting and Reporting
AC 105	Managerial Accounting and Control
BU 201	Organizational Management
BU 231	Business Law I
BU 257	Business Ethics
BU 301	Business Policy
EC 202	Principles of Microeconomics
EC 203	Principles of Macroeconomics
FN 215	Financial Management
MK 201	Principles of Marketing

OTHER COURSES IN MAJOR (18 CREDITS)

EC 302	Global Financial Markets and Institutions
EC 313	Managerial Economics
EC 322	International Economics or FN 316 International Finance
FN/ EC 390	Internship in Economics
EC 391	Quantitative Methods in Economics

One Economics elective

REQUIRED SUPPORTING COURSES

MA 133	Elementary Statistics with Business Applications
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Electives necessary to complete degree requirements.

Minor in Business Economics

The minor in Business Economics requires the completion of 18 credits.

REQUIRED COURSES

EC 202 Principles-Microeconomics

EC 203 Principles-Macroeconomics

EC 302 Global Financial Markets and Institutions

EC 313 Managerial Economics

Economics Elective (EC 299 and up)

Economics Elective (EC 299 and up)

A&S Majors may take EC101 in lieu of either EC202 or EC203. A&S Majors may take either SO254, PO320, or MA151 in lieu of one economics elective.

Course Descriptions

EC 101 Introduction to Economics (Non-Business majors only) 3 CR

Introductory course for the non-Business major. Provides a foundation in the workings of the economy. Describes and analyzes major concepts and issues of macroeconomics and microeconomics. Examines key institutions including the Federal Reserve System, corporations and labor unions.

EC 202 Principles of Microeconomics 3 CR

An introduction to basic microeconomics principles and tools. Topics include: demand, supply, market equilibrium, costs of production, and resource pricing. Examines the market structures of pure competition, oligopoly, monopolistic competition, and monopoly. Markets for labor and capital are examined. Comparative advantage,

International trade, and exchange rates are also explored.

Prerequisite: MA 106 or MA 109 or MA 110 (MA 110 is encouraged for those considering graduate school)

EC 203 Principles of Macroeconomics 3 CR

Covers the determinants of economic growth and economic fluctuations within the business cycle. Topics include: inflation, unemployment, interest rates, savings and investment, money and banking, and international finance. Fiscal policy and monetary policy are discussed using an aggregate supply/aggregate demand framework. Topics of supply and demand and exchange rates introduced in EC 202 are reviewed.

Prerequisites: MA 109 or MA 110 and EC 202 (MA 110 is encouraged for those considering graduate school)

EC 211 Economics of Social Issues 3 CR

Applies basic economic principles to analyze social issues. Topics include prices and the allocation of resources, the role of incentives, free trade, economic growth, market failure, the distribution of wealth and income, health care, crime and education.

EC 299 Special Topics in Economics 3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a

faculty member's particular interest, an experimental alternative to existing courses, etc.

Prerequisites established by the department as appropriate for the specific course. Course title is shown on the student's transcript. Consult the current course schedule for available topics and current prerequisites.

EC 301 Intermediate Macroeconomic Analysis 3 CR

A course in aggregate economic analysis. Examines theories of the determination of national income and employment. Policies associated with these theories are critically examined.

Prerequisite: EC 203

EC 302 Global Financial Markets and Institutions 3 CR

This course overviews the global financial markets and institutions. It examines the regulatory framework and asset/liability management at commercial banks and other financial institutions. It analyzes the significance of money, credit, and interest rates, as well as the impact of monetary policy on the economy. Students learn about assessment and management of various types of risks faced by global financial institutions.

Prerequisite: EC 203

EC 303 Seminar on U.S. Economy and Monetary Policy 1 CR

This is a one credit course to learn about U.S. Macroeconomics aspects and monetary policy implementation by the Federal Reserve Bank. Selected students will participate in the Fed Challenge competition held in November by the Eastern Economic Association with partnership of New York Federal Reserve Bank. Students learn to work in a team environment, conduct research in macroeconomics, write short papers on economic topics, and conduct data analysis to make graphs and tables. In addition, they also learn how to make PowerPoint presentation and give presentation in front of audience. The course is open to Business Economics and/or Finance majors only.

Prerequisite: EC 203

EC 313 Managerial Economics 3 CR

Analyzes the structure of industry, business firms and the application of analytical tools of economics to decision making. Topics include: the determination of relevant costs for decisions within the business firm, pricing and capital budgeting problems, risk and uncertainty, and cases involving actual managerial situations that require the use of economic analysis.

Prerequisite: EC 203

EC 315 Game Theory 3 CR

Game theory is a collection of tools used to study and model strategic decision making. These methods can be used to study optimal decision making in contexts ranging from those normally viewed as "games" such as poker to situations that economists are more concerned with that can include how to place a bid in an auction, how to set prices to draw business from a competitor etc. This class will begin by developing the formal tools of game theory and then alternate between showing interesting applications of that theory and developing additional theoretical tools. The types of applications that will be discussed will include a study of optimal auctions, pricing games, and models of election games. The goal for this class is that by the end of it, students should be able to engage in complex strategic analysis of real world situations.

EC 321 Labor Economics 3 CR

Applies the fundamentals of microeconomic and macroeconomic analysis to important decisions that people make in labor markets. Topics include the understanding of the wage and employment determination in the labor market, the wage differential, investing in human capital (i.e. education and training), labor mobility (including immigration), discrimination, unions and unemployment. The course will cover both theoretical and

empirical aspects of these issues.

Prerequisite: EC 203

EC 322 International Economics 3 CR

This course examines basic theories of international trade, modern trade policies and international finance. It overviews the changing global business patterns, with a special focus on new economics and regulatory policy challenges in the aftermath of the first global recession of the 21st century. Students who master the course material will gain knowledge and skills for succeeding both in the public sector institutions and in international business organizations.

Prerequisite: EC 203 Principles of Macroeconomics

EC 342 European Economic Development

This course provides students with a comprehensive examination of the European economic development and integration process. Historical, political, legal, and institutional aspects of the economic development and integration are analyzed. In addition, the course material overviews the main macroeconomic and regulatory policies of the European Union.

EC 373 Public Finance 3 CR

Examines the role of the public sector in the economy. Provides an understanding of the reasons for government intervention in the economy, the extent of that intervention, and the response of private agents to the government's actions. Analyzes both the taxation and the expenditure sides of the government budget. Discusses the impact of taxes on income distribution and explores the expenditure programs, their nature, importance, purposes and economic effects.

Prerequisite: EC 203

FN/EC 390 Internship 3-9 CR

Students are directly involved in various practical applications of economics and finance knowledge to a specific industry or organization. The emphasis is on acquiring hands-on skills. An on-site professional supervises students.

EC 391 Quantitative Methods in Economics and Finance 3 CR

Aimed at developing advanced quantitative skills needed for modern economic and financial analyses. Time-series multivariate regression is examined as well as cointegration tests, ARMA procedures, causality tests and recursive stability tests. Computer applications of econometric programs are required.

Prerequisite: MA 133 or equivalent

EC 392 Economic and Financial Forecasting 3 CR

Survey and applications of core time-series techniques of economic and financial analysis. Incorporates standard and advanced models of trend, seasonality and cycles as well as recursive techniques, volatility measures, simulation methods, and stochastic trends. Extensive use of the EViews software program for both modeling and forecasting purposes.

Prerequisite: EC/FN 391

EC 399 Current Issues in Economics 3 CR

Examines major contemporary economic issues. Demonstrates how economists deal with the difficult problems of the day. Open to both prospective majors and non-majors.

Prerequisite: EC 203

FINANCE

The Finance major provides students with knowledge and skills required to apply the tools and techniques of financial management in all types of organizations. The discipline focuses on financial management as it relates to the raising and investing of capital consistent with the stated goals of an organization. The Finance major also covers topics related to personal investing from the perspectives of both the individual investor and the people entrusted to manage investment funds. Internships are widely available and strongly encouraged.

Faculty

ABU AMIN, PH.D.

Assistant Professor

KWAMIE DUNBAR, PH.D.

Assistant Professor

JOHN T. GERLACH, M.B.A.

Senior Executive in Residence, Associate Professor

RALPH LIM, M.B.A.

Associate Professor

BRIDGET LYONS, D.P.S.

Professor

LUCJAN ORLOWSKI, PH.D.

Professor, Chair

RUPENDRA PALIWAL, PH.D.

Associate Professor

Major

All Finance students must complete the following courses to earn their degree.

SACRED HEART UNIVERSITY CORE CURRICULUM (54-56 CREDITS)

COLLEGE OF BUSINESS CORE CURRICULUM (24 CREDITS + 9 REQUIRED SUPPORTING CREDITS)

AC 101	Financial Accounting and Reporting
AC 105	Managerial Accounting and Control
BU 201	Organizational Management
BU 231	Business Law I
BU 257	Business Ethics
BU 301	Business Policy
FN 215	Financial Management
MK 201	Principles of Marketing

OTHER COURSES IN MAJOR (21 CREDITS)

FN 251	Corporate Finance
EC 302	Global Financial Markets and Institutions
FN 315	Investments
FN 316	International Finance
FN /EC 390	Internship in Finance
Two Finance electives	

In some circumstances an additional elective may be substituted for the internship if the student can demonstrate other experience in the field.

REQUIRED SUPPORTING COURSES

EC 202	Principles of Microeconomics
EC 203	Principles of Macroeconomics
MA 133	Elementary Statistics with Business Applications

Electives necessary to complete degree requirements.

Course Descriptions

FN 215 Financial Management 3 CR

Provides an overview of the principles and techniques used in financial management and an introduction to financial markets. Topics include time value of money, measures of risk, models for pricing bonds and stocks, financial analysis, capital structure, cost of capital, capital budgeting and working capital management. Students are introduced to financial problem solving using Microsoft Excel.

Prerequisite: AC 101

FN/SM 243 Sport Finance 3 CR

Examines the application of financial methodology for sport enterprises. Emphasis is on understanding the important sources of revenue (e.g., ticket sales, sponsorships) and media as well as the principal expenses of managing a professional team (e.g., salaries). The course also provides insight to the financing of stadiums and arenas and the valuation of teams.

Prerequisites: AC 101 and FN 215

FN 251 Corporate Finance 3 CR

Emphasizes corporate financial management. Covers financial analysis, working capital management, cost of capital, capital budgeting, valuation, and capital structure. Includes extensive use of financial models.

Prerequisite: FN 215

FN299 Special Topics in Finance

Designates new or occasional course material that may or may not become part of the department's permanent offerings. This course addresses a timely topic, consistent with a faculty member's particular interest. The most recent focus of this course material is on financial risk management.

FN 314 Financial Analysis 3 CR

Develops students' ability to analyze financial statements to determine both asset value and earning capacity of the public corporation's securities. Requires an understanding of the positive and negative effects of operating and financial leverage, as well as ratio analysis as it concerns the capitalization, stock and bond markets. Proof of students' ability lies in the preparation of an analysis of annual report of a major, publicly held corporation.

Prerequisite: FN 215

FN 315 Investments 3 CR

Introduces students to the various types of investment products and markets both in the United States and globally. Topics include valuation techniques and risk measurements for common stocks, mutual funds and bonds; use of options; socially responsible investing; and expected returns for each type of investment.

Prerequisite: FN 215

FN 316 International Finance 3 CR

Explores the principles of financial management from an international perspective. The course provides a broad introduction to the operations of international financial markets and instruments. Students develop an understanding of the workings of international financial markets, the risks of doing business in the international arena, and management of exchange risk exposure. Among the topics covered are foreign exchange markets, foreign exchange risk, management of exchange risk exposure, impact of different exchange rates, taxation systems and inflation rates on financial decisions, project evaluation and interaction among various national financial markets.

Prerequisites: EC 202 and FN 215

FN 318 Current Problems in Finance 3 CR

Seminar on special current topics in finance. Open to seniors majoring in Finance and to Seniors majoring in Business Economics, Business and Accounting with permission of the Finance department.

Prerequisite: FN 215 or departmental permission

FN 319 Derivatives and Risk Management 3 CR

Designed to help undergraduate students understand the basic derivative markets such as forward, futures, options and swap markets. Key concepts needed to price these basic claims, such as the law of one price, the cash and carry arbitrage and the put call parity, are introduced and explained. Explores the pricing of these claims, as well as arbitrage and hedging in these markets.

Prerequisite: FN 215

FN 320 Personal Finance 3 CR

Examines the financial planning, management and investment needs of individuals and households as they pursue their financial goals. Topics include: personal budgeting, credit buying, banking and borrowing, home ownership, insurance and investing. Upon successful completion of the course, students should have gained a basic understanding as to how to (1) prepare their personal financial plan or program; (2) budget and control their income and expenses; (3) economically and wisely purchase major expense items such as a house or an automobile; (4) purchase needed insurance thoughtfully and purposefully; and (5) begin a program for retirement and investments so that their personal financial objectives can be reached.

FN 350 Investment Management Capstone 3 CR

This course is required for students selected

in the Finance department's Investment Management Program. The course parallels the curriculum found in the Chartered Financial Analysts, CFA Level I examination. Topics include ethics and professional standards, economics, financial statement analysis, equity and fixed income analysis, quantitative techniques, derivatives, and portfolio management. Completion of the course assists the students in preparing for the CFA Level I examination.

Prerequisite: FN 315 (Investments and Instructor Permission

FN 351 Experiential Learning: Rotaract 3 CR

The Sacred Heart Rotaract which is sponsored by the Welch College of Business aims to prepare young adults to become the next generation of business and community leaders. The club is guided by its core value of helping to prepare individuals who will not only seek to excel academically but will work to improve local communities and the greater society.

The Sacred Heart Rotaract Club which was established in the spring of 2010 is a service based club that centers its efforts within the local community. The club is open to all students of the university and exposes students to service learning and leadership training. Each semester, as part of the service learning and leadership curricular, students are required to identify and resolve at least one community based project. Students are required to clearly identify the problem, and then methodically develop a solution with subject matter experts. At the completion of this exercise students earn 1 credit toward their respective degree programs.

Rotaractors at Sacred Heart also have participate in

- The read "a-loud" program at local elementary schools
- Walk Against Hunger

- Volunteering at the (a) Bridgeport Rescue Mission and (b) the King's Pantry

FN 357 Financial Literacy 1 CR

This one credit course will cover a number of areas of basic finance including personal budgeting, appropriate ways to finance large purchases, such as an automobile or home purchase, personal taxes, managing student loans and credit cards, and the best methods to start saving for the future. The course will focus on simple financial principals but will require each student to develop examples from his or her own situation. This course assumes no business or financial background and is appropriate for any major.

FN/EC 390 Internship 3-9 CR

Students are directly involved in various practical applications of economics and finance knowledge to a specific industry or organization. The emphasis is on acquiring hands-on skills. An on-site professional supervises students.

MARKETING

The Marketing major provides an opportunity for students to not just develop the knowledge and skills required of today's marketing professionals but also the business acumen to negotiate the global business environment. The curriculum of the Marketing major is a well balanced course of study with a common business knowledge core and specialized courses that provide an understanding of a multitude of topics within the marketing discipline. Within the curriculum students learn to develop new and unique marketing opportunities, think independently, communicate effectively, and appreciate the impact of marketing on their own and other cultures. Graduates in the Marketing major should be well prepared and positioned to achieve increasingly higher levels of marketing management positions in corporations, marketing agencies, or entrepreneurial enterprises.

Faculty

ARNE BARUCA

Assistant Professor

DAVID BLOOM, M.B.A.

Adjunct Instructor

ENDA F. MCGOVERN, PH.D.

Associate Professor

PETER A. MARESCO, PH.D.

Clinical Associate Professor

ANCA MICU, PH.D.

Associate Professor, Chair

DAVID G. TAYLOR, PH.D.

Assistant Professor

Major in Marketing

All Marketing students must complete the following courses to earn their degree.

SACRED HEART UNIVERSITY CORE CURRICULUM (54-56 CREDITS)

COLLEGE OF BUSINESS CORE CURRICULUM (24 CREDITS + 9 REQUIRED SUPPORTING CREDITS)

AC 101	Financial Accounting and Reporting
AC 105	Managerial Accounting and Control
BU 201	Organizational Management
BU 231	Business Law I
BU 257	Business Ethics
BU 301	Business Policy
FN 215	Financial Management;
MK 201	Principles of Marketing

OTHER COURSES IN MAJOR (18 CREDITS)

IS 272	Dynamics of Information Technology
MK 215	Market Research
MK 220	Consumer Behavior
MK 225	International Marketing
MK 230	Marketing Management
MK 390	Marketing Internship

REQUIRED SUPPORTING COURSES (TAKEN AS PART OF UNIVERSITY CORE)

EC 202	Principles of Microeconomics
EC 203	Principles of Macroeconomics
MA 133	Elementary Statistics with Business Applications

AN ADDITIONAL 9 CREDITS OF MARKETING ELECTIVES ARE REQUIRED.

These credits may be fulfilled with one of the marketing concentrations in digital advertising, fashion marketing and merchandising, sport marketing, - or - with any nine credits of marketing electives.

Choose from:***Digital Advertising***

- MK 205 Advertising
- MK 235 Digital Advertising
- MK 299 E-Marketing

Fashion Marketing

- MK 240 Fashion Marketing
- MK 250 Fashion Brand Marketing
- MK 260 Marketing Integration: Textiles & Fashion

Sport Marketing

- SM 206 Sport Enterprise Management
- SM 255 Sport Sponsorship
- SM 265 Sport Marketing

Complete one of the concentrations or select an additional 9 credits of Marketing Electives

MARKETING ELECTIVES (9 CREDITS)**Choose from:**

- MK 210 Retailing and Merchandising
- MK 299 Special Topics in Marketing
- MK 399 Independent Study in Marketing

Additional electives necessary to complete degree requirements.

Minor in Fashion Marketing & Merchandising

The minor in Fashion Marketing & Merchandising requires the completion of 18 credits.

REQUIRED COURSES

- MK 201 Principles of Marketing
- MK 210 Retailing and Merchandising
- MK 235 Digital Advertising
- MK 240 Fashion Marketing

- MK 250 Fashion Brand Marketing
- MK 260 Marketing Integration: Textiles & Fashion

Marketing Course Descriptions**MK 201 Principles of Marketing 3 CR**

Investigates the components of the marketing mix. A managerial approach is employed and case studies supplement each area of exploration. Topics include: customer behavior, product policy, channels of distribution, advertising and promotion, price policy, marketing programs and the legal aspects of marketing.

MK 205 Advertising 3 CR

Analyzes advertising from the managerial viewpoint of its relationship within the marketing mix. Examines social and economic aspects of advertising, practices and issues, analysis of media, the communications function, creative aspects including art and copy, and measures of effectiveness.

Prerequisite: MK 201

MK 210 Retailing and Merchandising 3 CR

Studies history and development of the retail function and its relationship to the wholesaler and manufacturer. Topics include: store management, the buying function, elements of style and fashion, pricing policies, customer relations, store location and sources of supply. Examines retail mathematics including markup, markdown and turnover.

Prerequisite: MK 201

MK 215 Market Research 3 CR

Explores principal areas and methods of marketing research including mail, diary, panel, phone and the personal interview.

Various types of research are analyzed with emphasis on the information gathering function of research as a means to more effective business decision-making.

Prerequisite: MK 201

MK 220 Consumer Behavior 3 CR

Explores various fields of knowledge necessary to understand marketing behavior. Materials from psychology, sociology, cultural anthropology and history are used in conjunction with marketing problems. Examines consumers in terms of both individual and group buying behavior patterns; the consumer's process of arriving at buying decisions is appraised at both the retail and non-retail levels.

Prerequisite: MK 201

MK 225 International Marketing 3 CR

Provides a broad-based understanding of the challenges, opportunities and problems associated with international marketing. Emphasis is on understanding other cultures and current events and how they affect international marketing. Classroom work is supplemented with case studies, current readings, videos and speakers who are active in the field.

Prerequisite: MK 201

MK 230 Marketing Management 3 CR

Studies the effective management of the marketing mix. The case approach assists in viewing the marketing manager's efforts as coordinated with the contributions of the firm's segments. Provides understanding of marketing decision-making as being wholly related to the firm's goals, with a view to the larger context of society itself.

Prerequisite: MK 201

MK 235 Digital Advertising 3 CR

This course is an introduction to the rapidly evolving and dynamic digital advertising sector (e.g. search, display, social, and mobile advertising). Recent changes in consumer behavior and opportunities, problems, tactics and strategies associated with incorporating electronic methods into the marketing function are examined. The course also includes discussion of current metrics used to gauge the effectiveness of digital advertising

Prerequisite: MK 201

MK 240 Fashion Marketing 3 CR

Examines the history, evolution, and business of fashion from the 19th century to the present. Focus is on the marketing of fashion apparel from the development of product line to distribution through multiple retail channels and purchase by targeted consumers. Advertising and promotional strategies will also be examined.

Prerequisite: MK 201

MK 250 Fashion Brand Marketing 3 CR

This course encompasses the history, development, and process of brand marketing in the fashion industry. The array of national, designer, private label, store and corporate brands, their background, and developmental strategies will be covered. Through the understanding of brand elements, brand equity and brand communications, the student will create a positioning brief, and launch their own fashion brand as a final project. In addition, this course will examine brand global expansion through such vehicles as licensing and franchising.

Prerequisite: MK 201, MK240

**MK 260 Marketing Integration:
Textiles and Fashion 3 CR**

Encompasses the processes involved in global supply chain management and integration from a raw material base to finished apparel. By understanding the building blocks of fiber, yarn, weaving, knitting and color penetration systems, the student will understand what is essential in making decisions concerning aesthetics, cost, care and wearability of fashion apparel. This course is essential for any student who wishes to enter, and manage, in the fields of apparel merchandising, marketing and design.

Prerequisite: MK 201, MK240

written proposal from the student.

Prerequisite: MK 201

MK 299 Special Topics in Marketing 3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty member's particular interest, an experimental alternative to existing courses, etc. Prerequisites are established by the department as appropriate for the specific course. Course title is shown on the student's transcript.

Prerequisite: MK 201

MK 390 Marketing Internship 3-9 CR

Students are directly involved in various dimensions of marketing management. Emphasis is on the practical application of marketing principles and skills to a specific profit or non-profit enterprise. On-site marketing professionals supervise students.

Prerequisites: MK 201 and permission of the Marketing internship coordinator.

MK 399 Independent Study 1-3 CR

Directed study of a specific, well-defined marketing topic. Permission of the instructor and departmental chairperson is granted to qualified Marketing majors on the basis of a

SPORT MANAGEMENT

The increasing complexity of the sport industry, the globalization of sport, and the increasing influence of media and technology underscore the importance of specific and comprehensive preparation for sport management professionals in the new economy. The Sport Management curriculum emphasizes the unique management, business, and legal principles and practices necessary to succeed in a dynamic global industry. The Sport Management major prepares professionals who are self-directed in their learning, critical thinkers and problem-solvers, interdisciplinary in their approach, and capable of effectively managing complex sport enterprises and marketing sport-related services and products to diverse markets.

Faculty

JOHN T. GERLACH, MBA
Associate Professor

DOUGLAS LILLY, J.D.
Instructor

RICHARD A. LIPSEY, MBA
Instructor

ANCA MICU, PH.D.
Associate Professor, Chair

JAMES P. SANTOMIER, JR., PH.D.
Professor

JOSHUA A. SHUART, PH.D.
Associate Professor

Major in Sport Management

The Sport Management curriculum provides a theoretical and skill-based framework in core business disciplines, functional business skills, and in specific sport business areas. Focus is on the financial, marketing, media, legal and ethical dimensions of sport

business. The program provides students with opportunities to pursue U.S. based and international internships.

The Sport Management major requires completion of 54 major credits plus 12 credits in related supporting courses.

SACRED HEART UNIVERSITY CORE CURRICULUM (54-56 CREDITS)

COLLEGE OF BUSINESS CORE CURRICULUM (24 CREDITS + 9 REQUIRED SUPPORTING CREDITS)

AC 101	Financial Accounting and Reporting
AC 105	Managerial Accounting and Control
BU 201	Organizational Management
BU 231	Business Law I
BU 257	Business Ethics
BU 301	Business Policy
FN 215	Financial Management
MK 201	Principles of Marketing

OTHER COURSES IN MAJOR (24 CREDITS)

BU 202	Organizational Behavior
IS 272	Dynamics of Information Technology
SM 206	Sport Enterprise Management
SM 235	Sport Law
SM 243	Sport Finance
SM 245	Sport Media
SM 265	Sport Marketing
SM 391	Sport Management Internship

REQUIRED SUPPORTING COURSES (TAKEN AS PART OF UNIVERSITY CORE)

EC 202	Principles of Microeconomics
EC 203	Principles of Macroeconomics
MA 133	Elementary Statistics with Business

Applications

SPORT MANAGEMENT ELECTIVES (6 CREDITS)**Choose from:**

- SM 255 Sport Sponsorship
- SM 281 Sport Venue and Event Management
- SM 283 Sporting Goods Industry
- SM 382 Sport New Media
- SM 299 Special Topics in Sport Management

Course Descriptions**SM 206 Sport Enterprise Management 3 CR**

Examines principles and foundations of sport management and how the functions of planning, organizing, leading, and directing apply to the sport enterprise. Focus is on the application of core management principles, including ethics. The course provides a basis for understanding the development and governance of the sport industry and for addressing contemporary problems and issues. Students develop a model of management designed to achieve the goals of the sport enterprise.

Prerequisite: BU 201

SM 235 Sport Law 3 CR

Explores the application of legal principles to the sport industry and provides basic knowledge of a wide range of legal statutes that relate to various dimensions of sport business. Major focus is on a review of judicial opinions in the areas of tort liability (risk management), agency and contract law, labor and employment law and antitrust issues that frequently have been addressed in cases involving sport enterprises.

Prerequisite: SM 206

SM 243 Sport Finance 3 CR

Examines the application of financial methods and procedures for the sport enterprise. Focus is on understanding the development and management of enterprise budgets and financial strategies, including debt service, ticket and concession sales, corporate sponsorship and licensed sport merchandise. Examines financial challenges related to current and future sources of revenue for the sport enterprise.

Prerequisites: FN 215

SM 245 Sport Media 3 CR

Examines the principles and fundamentals related to developing and implementing media relations programs for sport enterprises. Focus is on the development of electronic communications including press releases, local features, media guides and brochures, statistical breakdowns and web pages. Issues addressed include working with local, regional and national press; crisis management; ethical concerns; and promotion of specific events, teams and individuals.

Prerequisite: SM 206

SM 255 Sport Sponsorship 3 CR

Examines the unique dimensions of corporate sponsorship. Emphasis is placed on proven sponsorship sales techniques, the dynamics of selling sport sponsorships, and on an analysis of the global sponsorship market and the necessary steps needed to generate sponsorships revenues for sports events. Insights into creating a sponsorship inventory, research base, and sales plan are provided.

Prerequisite: SM 265

SM 265 Sport Marketing 3 CR

Analyzes how marketing, promotion and public relations principles apply to the sport

industry. Explores issues in marketing of the sport enterprise, sport-related events and venues and, products and services. Focus is on the marketing of sport as a product and on the marketing of non-sport products and services using sport as a promotional tool. Addresses unique challenges and limitations as well as new trends in sport marketing.

Prerequisites: SM 206 and MK 201

SM 281 Sport Venue and Event Management 3 CR

Examines principles and fundamentals of managing and financing sport and entertainment venues. Focuses on developing knowledge and skills necessary to develop, design and manage sports, recreation and health/fitness facilities. Emphasizes design analysis, operations and event management. Includes site visits.

Prerequisite: SM 206

SM 283 Sporting Goods Industry 3 CR

Examines the history, foundations, organization, management and future of the sporting goods industry. Designed specifically for individuals interested in a career in the sporting good industry and focuses on understanding the development of core dimensions of the industry, including market structure, sporting goods manufacturers, marketing strategies and channel distribution and sporting goods e-commerce. The course emphasizes problem solving and developing critical thinking skills within the context of the sporting goods industry.

Prerequisite: SM 206

SM 299 Special Topics in Sport Management 3 CR

Designates new or occasional courses that may or may not become part of the department's permanent offerings. Courses capitalize on a timely topic, a faculty

member's particular interest, an experimental alternative to existing courses, etc.

Prerequisites established by the department as appropriate for the specific course. Course title is shown on the student's transcript.

Consult the

current course schedule for available topics and current prerequisites.

Prerequisite: SM 206

SM 382 Sport New Media 3 CR

Examines the relationship between new media and the sport industry, including broadband, wireless, mobile technologies, sport websites, streaming video, audio, iTV, podcasting, e-commerce, and online marketing. Focus is on the relationship of new media to current trends in sport marketing, sponsorship, broadcasting, UGC, CRM, etc. Emphasizes developing critical new media-related skills, including web page design.

Prerequisites: IS 272, SM 265; Recommended SM 245

SM 391 Sport Management Internship 3-9 CR

Students are directly involved in various dimensions of managing the sport enterprise. Emphasis is on the practical application of management and marketing principles and skills to a specific sport business. On-site sport management professionals supervise students.

Prerequisites: SM 206 and permission of the Sport Management internship coordinator.

Isabelle Farrington College of Education

JAMES C. CARL, PH.D.
Dean

The Isabelle Farrington College of Education seeks to foster the development of women and men who demonstrate intellectual and professional integrity, who value compassionate service to others and who take leading roles in communities governed by spiritual and moral values.

As a professional college within a Catholic university rooted in the liberal arts tradition, the Farrington College of Education is committed to providing an education built upon deep respect for the dignity of the human person, and a recognition of the responsibility of each individual to contribute to the building of a more just society.

Specifically, the college strives to teach the skills necessary for developing ethical responses to new and ever changing circumstances of a future filled with discoveries, technological advancements and social change.

The college provides opportunities for students to gain knowledge, experience, skills and values necessary to begin a first career; to advance in an existing career; and to prepare for new career challenges in response to the changing needs of society.

The college's cooperation with professional partners in the community ensures that students benefit from an integration of academic, internship and clinical experiences. This collaboration also enriches the education endeavors of the community and instills an ethic of community service among students.

The college is committed to professional and academic excellence, and measures this by

the quality of its faculty, programs, resources and student achievements.

Mission

Guided by the University and Farrington College of Education mission statements, the faculty of the Farrington College engage in "preparing men and women to live in and make their contributions to the human community." Our primary purpose is to develop the capacities, talents, and abilities of our teacher candidates through an integration of theory and practice in a performance-based program. Our teacher candidates possess the knowledge, skills, and dispositions to facilitate the learning of all children.

Conceptual Framework

The National Council for the Accreditation of Teacher Education states that "the conceptual framework establishes the shared vision for a unit's efforts in preparing educators to work in P-12 schools." The School of Education at Sacred Heart University actively uses its conceptual framework to develop, implement, monitor, and assess its programs and to articulate and evaluate candidates' competencies in content mastery, skill development, the integration of technology and appreciation of diversity; and the development of dispositions in which the intellect and heart are focused on a greater good in teaching, leadership, and serving others. The overarching theme of our conceptual framework is "Promoting a Culture of Excellence in a Changing World" and it is based on our belief that a culture of excellence is promoted when four underlying principles are met: the educational practitioner possesses a comprehensive, integrated and context-dependent professional knowledge base; the educational practitioner effectively

utilizes natural and acquired personal and professional skills; the educational practitioner cultivates and consistently demonstrates professional dispositions and commitments; the educational practitioner is responsive to cultural and technological influences that affect change in the educational environment. We further contend that to be an educator committed to promoting a culture of excellence, the candidate must demonstrate proficiency in each of the five domains of professional excellence—context, content, learner, pedagogy, and educator—identified by the School of Education. Our system of assessing the learning outcomes of our candidates is based on these five domains.

Teacher Preparation and Initial Certification

The Teacher Education program offers a professional curriculum approved by the state of Connecticut for certification as elementary and secondary schoolteachers. Prospective teachers must major in an academic discipline, in addition to completing the teaching certification sequence. Thus, the teacher-graduate not only enters the job market with more than one skill but also possesses a solid academic background and a high level of professional competence.

Teacher Education programs focus on the personal growth of the teacher, the enhancement of a positive self-image, and the social and emotional qualities conducive to teacher effectiveness. The components of the program, such as coursework, fieldwork, candidate teaching and supervision, are designed to assist candidates in broadening their knowledge of theory, pedagogy, various instructional approaches and the ability to engage in active inquiry. Fieldwork and candidate teaching are specially designed to help candidates experience

the interrelationship between theory and practice.

There are two routes by which a candidate can achieve recommendation for initial teacher certification through planned programs at Sacred Heart University: the Five-year program and the Post-Baccalaureate program.

Five-Year Program

Sacred Heart undergraduates apply for admission to the education program in their Sophomore year, begin taking professional education courses in the Junior year, complete seven Education courses prior to satisfying the BA/BS requirements, and complete the initial certification requirements—along with the requirements for the Master of Arts in teaching degree during their fifth year. During the fifth year, candidates also serve as interns in public schools for 180 days. This internship includes a benefit equal to the tuition cost of 33 graduate credits. The clinical requirement of student teaching is accomplished during 50 of those internship days. For students in the five-year program only, the 400-level methods or curriculum courses are also applied to the requirements of the MAT degree. Candidates in this program complete total of 60 credits of professional education.

Post-Baccalaureate Program

Candidates seeking teacher certification may elect to participate in the planned program leading to recommendation for initial certification after they have completed the bachelor's degree. Sacred Heart undergraduates choosing this route apply for admission to the graduate school during fall of their Senior year and can begin Education coursework in the late Spring semester following undergraduate commencement. Candidates may elect to concurrently work

DISCIPLINE	CONCENTRATIONS	BACHELOR'S DEGREE	
		MAJOR	MINOR
Teacher Education			
Elementary			
Secondary			

on requirements for the Master of Arts in teaching degree. Internship opportunities are also available the full program (including certification and MAT requirements), which requires 48 credits of graduate work and typically can be completed within two years. Specific details of the Post-Baccalaureate program are provided in the Graduate school catalog.

Faculty

TONI BRUCIATI PH.D.

Assistant Professor, Coordinator of Ed Tech

KAREN CHRISTENSEN, PH.D.

Associate Professor, Director of Griswold Campus

ANNE CLARK, PH.D.

Clinical Associate Professor

PATRICIA DASILVA, PH.D.

Assistant Professor

SUSAN DINOCENTI, PH.D.

Assistant Professor

MAUREEN FITZPATRICK PH.D.

Assistant Professor

THOMAS FORGET, PH.D.

Associate Professor

MIKE GIARRATANO, A.B.D

Clinical Assistant Professor

VELMA HELLER, ED.D.

Assistant Professor

EDWARD HENDRICKS, PH.D.

Clinical Assistant Professor

EDWARD JOYNER, ED.D.

Associate Professor

JACQUELINE KELLEHER, PH.D.

Assistant Professor

LOIS A. LIBBY, PH.D.

Associate Professor

MARIA LIZANO-DIMARE ED.D.

Associate Professor

KARL M. LORENZ, ED.D.

Associate Professor, Director of Teacher Certification Programs

EDWARD W. MALIN, PH.D.

Professor, Director of School of Education

PAUL MASSEY, M.A., C.A.S.

Assistant Professor

SONDRA MELZER, PH.D.

Assistant Professor

EDWARD T. MURRAY, PH.D.

Associate Professor, Director of MAT

GERALD NEIPP, ED.D.

Assistant Professor

TERRY NEU, PH.D.

Assistant Professor

GAIL NORDMOE, ED.D.

Assistant Professor

STEPHEN RUBIN, PH.D.

Associate Professor, Director of Educational Leadership and Management

CIMA SEDIGH, ED.D.

Associate Professor

JOHN (JAY) VOSS, PH.D.

Assistant Professor Educ. Leadership

KAREN WATERS, ED.D.

Assistant Professor

Application Process

Undergraduate candidates should apply for admission to the five-year program early in the fall of their sophomore year and anticipate beginning professional education course work in their junior year. Applicants who are more advanced in their studies may be recommended to apply directly to the graduate school. All applications are managed through the Graduate Admissions office.

The Education Department offers two teacher certification programs: the Elementary School program prepares teachers of children in kindergarten to grade six of an elementary school; and the Secondary School (7-12) program prepares teachers of an academic subject in a secondary school setting. The elementary and secondary school certification programs require the completion of 36 credits in the professional education sequence. Additional University-approved credits are also required in each of the programs. Sacred Heart University adheres to all state regulations regarding teacher preparation programs. Therefore, the candidate must meet the following entrance requirements:

- Pass the Praxis I Exam or qualify for waiver by meeting the following alternative testing requirement: A waiver may be granted to candidates furnishing official proof of achieving high scores on the SAT, ACT or PAA tests. Complete information and test registration materials may be obtained from the School of Education.
- Provide evidence of having submitted a state and national criminal history background check.
- Present an essay demonstrating a command of the English language, explaining reasons for wanting to enroll in the program and emphasizing experience relevant to teaching.

- Present at least two letters of recommendation from people able to testify to the candidate's suitability as a prospective teacher.
- Attend an interview by members of the faculty of the School of Education.
- Maintain a GPA of at least 2.75.

Certification Requirements

Candidates admitted to the elementary or secondary school certification program must complete the courses listed below. Each course in the program is identified by its undergraduate course number (UG No.) and its graduate course number (GR No.). The courses are grouped in sequentially ordered blocks. It is recommended that candidates progress sequentially through the program, completing the courses and field experiences in a block before enrolling in courses scheduled in the next block. Candidates must complete all 10 prerequisite courses before entering student teaching. Candidates must complete the courses with an average grade of "B" or better.

ELEMENTARY CERTIFICATION COURSE REQUIREMENTS

Block I (9 Credits)

- | | |
|--------|--|
| ED 101 | Educational Psychology |
| ED 152 | Education in the United States |
| ED 271 | Introduction to Computers in Education (or an advanced computer technology course) |

Block II (12 Credits)

- | | |
|--------|---|
| ED 205 | Education of Special Needs Students |
| ED 229 | Multicultural Education |
| ED 430 | Elementary Curriculum and Methods: Social Studies and Health* |
| ED 207 | Classroom Management |

Block III (9 Credits)

ED 387 Children's Literature

ED 413 Elementary Curriculum and Methods: Reading, Writing and Language Arts*

ED 459 Elementary Curriculum and Methods: Mathematics and Science*

Student Teaching (6 Credits)

ED 491 Student Teaching Seminar: Elementary School**

General and Course Requirements and School of Education policies and interpretations of certification regulations are subject to change.

* Credits applicable to MAT degree for Five-year program candidates only. ** Credits not applicable to MAT degree.

SECONDARY CERTIFICATION COURSE REQUIREMENTS**Block I (9 Credits)**

ED 101 Educational Psychology

ED 152 Education in the United States

ED 271 Introduction to Computers in Education (or an advanced computer technology course)

Block II (12 Credits)

ED 205 Education of Special-Needs Students

ED 229 Multicultural Education

ED 272 Societal Issues in Adolescence

ED 207 Classroom Management

Block III (9 Credits)

ED 428 Secondary Curriculum*

ED 429 Secondary Methods in the Content Areas*

EDR 510 Content Area Reading Instruction (7-12)

Student Teaching (6 Credits)

ED 495 Student Teaching Seminar: Secondary School**

General and Course Requirements and School of Education policies and interpretations of certification regulations are subject to change.

* Credits applicable to MAT degree for Five-year program candidates only. ** Credits not applicable to MAT degree.

For further specifics about the Teacher Education program or about advanced teaching degrees and certification programs for those who have already earned a bachelor's degree, contact the faculty of the School of Education at 203-371-7800.

Course Descriptions**ED 101 - Educational Psychology | 3 CR**

Course considers the application of psychological principles to educational theory and practice. Candidates explore the many ways of thinking about knowledge, teaching and learning. Major theories of learning and development are introduced and consistent themes and concepts identified.

ED 152 - Education in the United States | 3 CR

Discusses current issues in education, explores their historical and philosophical roots and critically examines possibilities for the future of education.

ED 205 - Education of Special-Needs Students | 3 CR

Focuses on identification of exceptional students as well as methods of meeting their educational needs in regular and special classroom settings. Exceptionalities studied include all areas identified by national and state mandates.

ED 207 - Classroom Management | 3 CR

Presents teaching strategies for discipline and management in the classroom. Candidates learn practical approaches for the establishment of routines and codes of conduct. Group dynamics; assertive discipline; conflict resolution; and the legal rights of teachers, parents and students in Connecticut are examined.

ED 229 - Multicultural Education | 3 CR

This course is designed to foster understanding of ethnicities through literature and storytelling. Candidates attain problem-solving and listening skills necessary for attitudinal changes for appreciation of diversity. Group process activities are presented to help candidates understand biases and stereotypical assumptions, and how these affect decisions in the classroom. Portions of this course are experiential. There is a 10-hour service-learning requirement.

ED 271 - Introduction to Computers in Education | 3 CR

Investigates the use of computers in the classroom and how to operate an instructional computer (programming not included). Commercial software is demonstrated and criteria for the evaluation of educational software discussed.

ED 272 - Societal Issues in Adolescence | 3 CR

Focuses on the current school and community responses to problems such as substance abuse, AIDS, gender issues, etc. Through classroom presentations, speakers and audiovisual materials, students gain practical insight and understanding of contemporary issues in adolescent life.

ED 387 - Children's Literature | 3 CR

Examines a variety of genres of children's literature to cultivate student interest in books and to develop methods for incorporating literature into classroom experiences. Criteria for selecting children's books are included. Multicultural literature and the dramatic arts are emphasized.

College of Health Professions

PATRICIA WADE WALKER, ED.D.

Dean and Professor of Medical Technology

MICHAEL J. EMERY, ED.D.

Associate Dean and Professor of Physical Therapy

JODY BORTONE, ED.D.,

Associate Dean and Clinical Associate Professor of Occupational Therapy

The College of Health Professions seeks to foster the development of women and men who demonstrate intellectual and professional integrity, who value compassionate service to others and who take leading roles in communities governed by spiritual and moral values.

As a professional college within a Catholic university rooted in the liberal arts tradition, the College of Health Professions is committed to providing an education built upon deep respect for the dignity of the human person, and a recognition of the

responsibility of each individual to contribute to the building of a more just society.

Specifically, the college strives to teach the skills necessary for developing ethical responses to new and ever changing circumstances of a future filled with discoveries, technological advancements and social change.

The college provides opportunities for students to gain knowledge, experience, skills and values necessary to begin a first career; to advance in an existing career; and to prepare for new career challenges in response to the changing needs of society.

The college's cooperation with professional partners in the community ensures that students benefit from an integration of academic, internship and clinical experiences. This collaboration also enriches the health care endeavors of the community and instills an ethic of community service among students.

The college is committed to professional and academic excellence, and measures this by the quality of its faculty, programs, resources and student achievements.

DISCIPLINE	CONCENTRATIONS	BACHELOR'S DEGREE	
		MAJOR	MINOR
Athletic Training		Yes	
Exercise Science		Yes	
Health Science		Yes	Yes
Nursing			
First Professional Degree			
BSN Completion		Yes	
RN to BSN		Yes	
RN to MSN		Yes	
Pre Occupational Therapy	Yes		
Pre Physical Therapy	Yes		
Speech Language Pathology	Yes		Yes

EXERCISE SCIENCE

The Exercise Science (EX) major is designed for those students who are seeking a broad background in exercise and fitness. It can also serve as a foundation for graduate study in athletic training, physical therapy, exercise physiology, biomechanics, cardiac rehabilitation, wellness, strength & conditioning and nutrition. The didactic and clinical components allow students the opportunity to explore related areas of study, including exercise physiology, strength & conditioning training, exercise prescription and fitness assessment. Graduates from the EX major are prepared to pursue either employment opportunities in health and fitness settings, or graduate school in those health professions noted above. Two accelerated pathways culminating in either a graduate professional degree in Physical Therapy or in Exercise Science and Nutrition are available as an EX major. Students interested in pursuing either accelerated program should contact the Exercise Science program for additional information.

The EX program has a competitive admissions process. Students interested in pursuing EX at Sacred Heart University should consult with the Office of Admissions and the EX program for current admission criteria. Two routes of EX program admission are available, early acceptance as a high school senior or as a first-year Sacred Heart University student.

Early acceptance into the undergraduate EX program is available for high school seniors. Early admission is based on several factors including: high school academic performance (3.0 cumulative GPA), completion of three years of high school science, SAT (1050) or equivalent ACT scores, and an expressed interest in the EX program. For students who qualify, a seat will be reserved in the program and they will be designated as an EX major

upon entry to the University. Additionally, to retain early acceptance status in the program, students must meet and maintain the following criteria as they move through their first year of study at Sacred Heart University:

- Complete the required First year prerequisites and meet or exceed a minimum GPA of 2.5, with no grade lower than a C in the science course prerequisites and EX 100 (Introduction to Health & Fitness).

Students who do not meet the early admission criteria, or who decide to apply during their first year or who are transfer students should apply by completing the formal application for admission to the EX program. The application can be found on the program's website. Transfer students should inquire with the Undergraduate EX Program Director regarding their potential admission status before applying.

Majors are required to take all EX Required courses as well as five EX Elective courses. All students are required to maintain current CPR for the Professional Rescuer certification (or its equivalent) and annual PPD verification throughout the clinical experience. Students will not be allowed to participate in the clinical experience without current certification. Students are responsible for providing transportation to off-campus sites.

Differential Tuition

Sacred Heart University has implemented a differential tuition for the EX program. The cost of EX education is increased relative to other majors due to intensive clinical laboratory courses and clinical supervision required to maintain the professional standards of exercise science education in addition to the associated expenses

of clinical education. This charge will be reflected as a program fee each semester in addition to undergraduate tuition and fees. The fee will be initiated for EX students starting their Sophomore year.

All EX students must maintain a minimum grade point average (GPA) of 2.5 and receive a C or better in all prerequisite and required courses. This undergraduate program leads to a Bachelor of Science (BS) degree in Exercise Science

PPD and CPR Requirement

All EX students are required to have current PPD (Tuberculosis Testing) and CPR for the Professional Rescuer certification or its equivalent certification when engaged in clinical rotations or clinical-related activities where patient interaction may occur. The EX program offers the CPR certification annually and PPD testing can be obtained from University Health Services. EX students are required to have the certification prior to EX 366 (Clinical Rotation).

Faculty

WENDY BJERKE, PH.D.

Clinical Associate Professor

BEAU GREER, PH.D., C.S.C.S.

Graduate Program Director
Associate Professor

MATTHEW MORAN, PH.D.

Undergraduate Program Director
Assistant Professor

ANNA PRICE, PH.D., C.H.E.S., H.F.S.

Assistant Professor

PETER RONAI, M.S., R.C.E.P., C.S.C.S.-D

Clinical Associate Professor

ERIC SCIBEK, M.S., A.T.C., C.S.C.S.

Clinical Assistant Professor

VALERIE WHERLEY, PH.D.

Clinical Assistant Professor

Exercise Science Required Courses:

- EX 100 Introduction to Health and Fitness
- EX 230 Research and Evaluation for Health Professionals, with lab
- EX 250 Exercise Physiology, with lab
- EX 260 Kinesiology, with lab
- EX 362 Exercise Testing and Prescription, with lab
- EX 363 Developing Strength and Conditioning Programs, with lab
- EX 366 Clinical Rotation

Exercise Science Electives

- EX 253 Pathophysiology and Pharmacology
- EX 255 Nutritional Aspects of Human Health and Performance
- EX 270 Neural Control of Human Movement
- EX 290 Behavioral Aspects of Exercise Science
- EX 299 Special Topics in Exercise Science
- EX 320 Pediatric Exercise Science
- EX 358 Exercise and Aging
- EX 361 Functional Gait Analysis
- EX 365 Clinical Exercise Science

Required Supporting Courses

- BI 111/113 Concepts of Biology I, with lab
- BI 112/114 Concepts of Biology II, with lab
- BI 131/133 Human Anatomy and Physiology I, with lab
- BI 132/134 Human Anatomy and Physiology II, with lab

- CH 117/119 General Organic Biochemistry, an Overview, with lab or
CH 151/153 General Chemistry I, with Lab
- MA 140 Precalculus
- PS 110 Introduction to Psychology
- PS 295 Health Psychology
- PY 100 Elements of Physics or PY 111/113 General Physics I, with lab

Exercise Science Course Descriptions

EX 100 Introduction to Health and Fitness 3 CR

Aspects of a healthy lifestyle including epidemiology, basic cardiovascular and musculoskeletal fitness principles, energy systems, and an introduction to exercise prescription are presented in addition to strategies to promote wellness. This course is intended for students pursuing a degree in Exercise Science.

EX 101 Health, Fitness, and Recreation 1 CR

This course includes baseline and subsequent individualized physical fitness assessments, exercise programming, and recreational activities at the William H. Pitt Center, Human Performance Laboratory, and within Fairfield County. Be prepared to exercise on campus and participate in optional hiking, cycling, and other recreational sports and activities in the area. All fitness levels welcome to enroll.

EX 230 Research and Evaluation for Health Professional with Lab 4 CR

An introduction to quantitative and qualitative research methods relevant to exercise science. Topics will include: conducting literature searches, scientific writing style, proper citation, study design, levels of measurement, parametric and

non-parametric biostatistics, qualitative data analysis, and ethical considerations in exercise science research.

Prerequisites: EX 100

EX 250 Exercise Physiology with Lab 4 CR

Presents a workable knowledge of the body's response to physical activity. Exercise metabolism, cardiopulmonary function, adaptations to training and environmental factors are addressed as well as exercise training guidelines. Assessment, clinical skills, aerobic testing, strength and power testing, and flexibility testing are among lab activities.

Prerequisites: BI 132/134, EX 230 (Pre- or Corequisite)

EX 253 Pathophysiology and Pharmacology 3 CR

A systematic study of the disease process and disorders commonly seen in an exercise setting. Emphasis is on the effect of disease symptoms, management, and pharmacological agents on physical activity.

Prerequisites: EX 250

EX 255 Nutritional Aspects of Human Health and Performance 3 CR

Provides an examination of the six classes of nutrients with strong emphasis on chronic disease prevention and improving athletic performance. Issues concerning dietary supplements, functional foods, and the ethics of food choices are also explored.

Prerequisites: BI 132/134 and EX 230

EX 260 Kinesiology with Lab 4 CR

Investigates basic mechanical and kinesiological principles and their functions, interrelationships, and involvement with the mechanics of human motion.

Prerequisites: EX 230 (Pre- or Corequisite),

PY 100, BI 131/133

EX 270 Neural Control of Human Movement 3 CR

This course investigates neuromuscular integration and motor learning as it relates to skill acquisition, skill refinement, and teaching motor skills.

Prerequisites: EX 230, BI 131/133

EX 290 Behavioral Aspects of Exercise 3 CR

This course will examine psychosocial and behavioral factors that influence physical activity, exercise, and rehabilitation, as well as individual, interpersonal, community, environmental, and policy approaches to promoting physical activity. Additional topics include mental health effects of exercise and sport psychology.

Prerequisites: EX 230 (Pre- or Corequisite)

EX 299 Special Topics in Exercise Science 1-3 CR

In-depth exploration of a specific, applied exercise science topic. Course can be repeated if topic varies.

Prerequisites: Consent of instructor.

EX 320 Pediatric Exercise Science 3 CR

This course will provide an introduction to the field of pediatric exercise science. Topic areas will include: growth and development in children and adolescents, puberty and endocrine influences on pediatric exercise responses, physical activity on the growing child, resistance training and muscular strength in youth, exercise training for aerobic endurance in children, and patterns of motor development. This course includes a service learning component in addition to a weekly seminar.

Prerequisite: EX 250

EX 358 Exercise and Aging 3 CR

Examines changes occurring in anatomical and physiological systems as adults mature, their effects on performance, and explores the theory and practice of selecting age-appropriate fitness-promoting activities.

Prerequisites: EX 250, EX 260

EX 361 Functional Gait Analysis 3 CR

This course is designed to provide a comprehensive investigation of normal and pathological human locomotion patterns from a biomechanical perspective. Upon completion of this course the student will be proficient in (1) practical gait analysis techniques, (2) analysis of gait patterns, (3) etiology of pathological gait, and (4) the efficacy of certain surgical, orthopedic or foot wear treatments.

Prerequisites: EX 260

EX 362 Exercise Testing and Prescription with Lab 4 CR

Reviews the scientific basis and practical concerns related to the development of safe and effective strength and conditioning programs. Emphasis is on both proper exercise technique/instruction and the creation of programs utilizing physiological and biomechanical principles and numerous modalities.

Prerequisites: EX 250

EX 363 Developing Strength and Conditioning Programs with Lab 4 CR

Reviews the scientific basis and practical concerns related to the development of safe, effective strength, and conditioning programs. Emphasis is on both proper exercise technique/instruction and the creation of programs utilizing numerous systems and modalities.

Prerequisites: EX 250, EX 260

EX 365 Clinical Exercise Science 3 CR

Explores diagnostic testing, exercise prescription, and lifestyle modification in health and chronic disease rehabilitation. Primary and secondary prevention and treatment of heart, lung, immune, and metabolic diseases are also addressed.

EX 250, EX 260

EX 366 Clinical Rotation 1 CR

Off campus clinical rotation surveys the scope of practice that characterizes Exercise Science. Specifically students visit cardiopulmonary rehabilitation centers, corporate fitness centers, strength and conditioning facilities, and health and wellness programs for special populations including children and geriatric patient/clients.

Prerequisite: CPR/AED , proof of up-to-date vaccinations (PPD, measles, mumps, rubella, varicella, Hep B), EX 250

HEALTH SCIENCES

The Health Science major leading to a Bachelor of Science in Health Sciences (BSHS) builds on the University core curriculum to allow students to pursue individual interests through a constellation of health science and designated track electives that address contemporary issues and topics in health care. Students will be offered opportunities to develop themselves as holistic health care practitioners and pre-professionals, which includes their spiritual, ethical, affective, and intellectual development. The HS curriculum will provide exposure to contemporary health care policy and practices, health delivery organizations, health disciplines and roles, cultural competence, health care finance, legal and ethical issues in health care, health information technology, disparities in health care, professional interactions, and leadership.

The HS major consists of two distinct tracks: the HS Leadership Track and the HS Pre Professional Track:

The HS Leadership Track is for health professionals holding an Associate's degree in a health profession or two years work experience in a health care environment who are interested in obtaining a bachelor's degree, developing leadership skills specific to health care environments, and advancing their careers. Graduates of the HS Leadership Track will be well poised to assume roles as department heads, hospital or clinic administrators, and/or supervisors of department personnel.

The HS Pre-Professional Track prepares students for continuation into graduate health science education programs. HS Pre-Professional Track graduates will be well equipped to pursue graduate study in the health profession education program of their choice; including occupational therapy, physical therapy, medicine or dentistry, pharmacology, nutrition, and others.

Faculty

JODY BORTONE ED.D., O.T./L

Chair, Department of Occupational Therapy and Health Sciences
Clinical Associate Professor

CAROLYN SHIFFMAN PH.D.

Program Director, Health Sciences
Assistant Professor

JANET BETTS M.A.R.S.

Adjunct Instructor

WENDY BJERKE, M.S.

Clinical Assistant Professor

KEVIN CHUI, PH.D., P.T.

Assistant Professor

CLOTIDLE DUDLEY SMITH, ED.D.

Assistant Professor

MARY ELLEN JOHNSON, P.O.T.D., O.T.R./L.

Clinical Assistant Professor

JULIE G. STEWART, D.N.P., A.P.R.N.

Assistant Professor

PATRICIA W. WALKER ED. D.,

Dean, College of Education and Health Professions

SHEILA THOMAS WATTS P.T., D.P.T., M.S., M.B.A., G.C.S.

Clinical Physical Therapist

Requirements

The HS major consists of 18 credits of required major core courses and 30 credits of electives:

Pre Professional Track majors must take 18 credits of required major core courses, 12 credits of HS designated courses, and 18 credits as approved by HS advisor and as appropriate to pre professional interests. HS Pre-Professional Track students will need

to take Arts and Science courses in other disciplines including, biology, chemistry, sociology, psychology, and religious studies to meet graduate program prerequisite requirements. Pre-requisite course and GPA requirements vary greatly for the various graduate professional programs; therefore, students are strongly advised to discuss plans of study with the HS academic advisor to prepare for the specific program of interest. Pre Professional Track students are required to maintain a 3.0 cumulative GPA to remain in the major with no individual HS major core or elective course grade below a C.

Health Science Leadership Track majors must take 18 credits of HS required major core courses and 30 credits electives. Some of the 30 major elective credits may include professional courses transferred into the University from the health science associate's degree program. The remaining credits of electives will be drawn from HS designated electives and/or Arts and Science courses as approved by the HS advisor.

At the time of this printing a Health Science Minor is in the proposal process. Please check the HS website for information.

REQUIRED HEALTH SCIENCES MAJOR CORE COURSES (18 CREDITS)

HS 350	Health Care Policy, Politics, and Advocacy (3 cr.)
HS 302	Health Care Administration Practice (3 cr.)
HS 351	Legal and Ethical Aspects of Health Care (3 cr.)
HS 353	Diversity and Disparities in Health Care (3 cr.)
HS 354	Improving Health Care Quality and Safety (3 cr.)
HS 355	Health Research Capstone (3 cr.)

HEALTH SCIENCES ELECTIVES

HS 301	Spirituality in Health Care (3 cr.)
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HS 303	Health Education and Promotion for Healthy Lifestyles (3 cr.)
HS 304	Community and Public Health (3 cr.)
HS 306	Health Management Information Systems (3 cr.)
HS 307/ NU 383	Alternative Healing Modalities (3 cr.)
HS 309	Professional Interactions in Health Care Settings (3 cr.)
HS 310	Human Growth and Development (3 cr.)
HS 352	Health Care Leadership (3 cr.)

Pre-Professional Track: 30 major elective credits; 12 HS designated electives plus 18 credits as approved by HS advisor

Pre professional track credits may be taken from HS electives and/or approved Arts and Science courses as determined by pre professional interests.

Leadership Track: 30 credits electives as approved by HS advisor

Leadership track courses may be taken from HS electives, and or Arts and Sciences as approved by the HS advisor, and or professional courses transferred from health profession associates degree program.

TRANSFER OF CREDITS

A maximum of sixty-six (66) credits may be applied to a baccalaureate degree from a two-year college and a maximum of ninety (90) credits may be applied from a four-year college or university. Sacred Heart University accepts a maximum of 15 credits as "free electives" for transfer and a maximum of 50% of the major's course credits for transfer. For the HS major, graduates of an associate's degree health science program can transfer a maximum of 24 professional course credits toward the HS major, plus 15 free elective course credits, plus credits that

meet transfer criteria for University core course requirements up to a maximum of 66 credits. Remedial courses, courses where the student earned a grade of C- or lower, and professional level internships are not accepted for transfer credit.

Minor in Health Sciences

BACKGROUND

Health care professions and careers are recognized as one of the leading career and job opportunities of this decade. While this distinction provides ample opportunity for careers in the health care environment Sacred Heart University is mindful of providing degree offerings that actually lead to employment opportunities for our graduates or prepares them for entry into graduate education programs.

While the HS major, pre professional track prepares undergraduate students to pursue graduate health professions education programs, there are many health related careers that are not clinically oriented, which Sacred Heart University undergraduate students have expressed an interest in. The minor in HS will provide an opportunity for students to gain knowledge of the current and future health care environment while pursuing undergraduate degrees such as business administration, computer science and information technology, accounting and finance. The HS minor may also be attractive to Biology majors interested in pursuing entry into medical school or physician assistant programs.

OBJECTIVES

The objectives of the Minor in Health Science are for student to:

- Demonstrate knowledge in trends in health care, health care systems, policy, and environments.
- Demonstrate awareness of the legal issues, health and social care policies, issues and trends as they influence health

care environments.

- Demonstrate knowledge of the impact of disparities to accessing health care.
- Understand the ethical standards, values and attitudes appropriate to health care professionals and administrative personnel.

These four objectives are important for students with other majors as it does create an awareness of the overall healthcare environment. For example, while an accountant in a healthcare organization will not likely have direct patient contact, he/she would need to understand the organizational impact (healthcare policies, legal/ethical considerations and disparities to access) of the content of the selected courses.

DESCRIPTION

The minor in Health Science consists of 18 credits including 9 credits of required HS designated courses; HS 302 Health Care Administrations and Practice, HS 351 Legal and Ethical Aspects of Health Care, and HS 350 Health Care Policy, Politics and Advocacy, and, 9 credits of HS designated electives and/or electives from the approved list in any combination. (These electives are listed below). The HS minor will provide exposure to contemporary health policy, issues, practices, including the organization of health delivery, health disciplines and roles, cultural competence and health disparities among others. Depending upon selected electives, the HS minor will facilitate development of skills in leadership, health care information systems, and supervision and management in health care environments. Students must have sophomore status or above to declare the HS minor. The minor is sequenced to help students explore critical issues related to the health care environment including; health care policy, advocacy, administrative practices, and legal and ethical issues.

CURRICULUM

The major consists of 48 credits. 18 credits required; 12 elective credits; and 18 credits approved by the HS Advisor (these credits are the pre-requisite courses that are needed for the students to pursue graduate professional programs).

Required Courses

HS 302	Health Care Administrations and Practice (3 CR)
HS 351	Legal and Ethical Aspects of Health Care (3CR)
HS 350	Health Care Policy, Politics and Advocacy (3CR)

Electives

Choose three:

HS 353	Diversity and Disparities in Health Care (3CR) OR,
NU 210	Health & Wellness & Cultural Diversity (3CR)
SO239	Diversity and Oppression in Contemporary Society (3CR), OR
BU/IB 203	Intercultural Management (3CR)
HS 301	spirituality in Health Care OR,
SW 209	The Life Force and Change (3CR), OR
RS281	Religions, Health and Healing (3CR)
HS 303	Health Education and Promotion of Healthily Lifestyles (3CR)
HS 304	Community and Public Health OR,
NU 381	Public Health Nursing (3CR) (Nursing Majors only) OR,
NU 375	Populations and Public Health Nursing (3CR) (Nursing majors only) OR,
SO240	Studying Changing Human Populations(3CR)

HS 306	Health Management Information Systems (3CR)
HS 307	Alternative Healing Modalities (3CR) OR,
PS 295	Health Psychology (3CR) OR,
SO 234	Sociology of Health Care (3CR)
HS 309	Professional Interactions in Health Care (3CR)
HS 310	Human Growth and Development (3CR)
HS 352	Health Care Leadership (3CR) OR
BU 201	Organizational Management (3CR)

Health Sciences Course Descriptions

HS 302 Health Care Administration Practice (3 credits)

This course will examine selected administration practices to prepare students for management roles including budget and finance, supervision and management of personnel, unions, strategic planning, departmental organization, goals, and plans of operation. Individual leadership styles and other assessment tools along with case studies of common challenges in health care environments will be presented. Considerations of differences between for-profit and not-for-profit organizations will be discussed.

HS 350 Health Care Policy, Politics, and Advocacy (3 credits)

Virtually all health services and careers are influenced by health care policy at the local, regional, national, and even international levels. The implications of health policy principles and decisions will be explored along with the resulting impact on financing of health care services. Consideration to current policy and finance priorities in health care will be used to structure the examination and debate along with application of ethical principles and

advocacy toward influencing health care policy.

HS 351 Legal and Ethical Aspects of Health Care (3 credits)

The planning and delivery of health care is strongly affected by legal issues and ethical aspects of professional roles and care delivery in various settings. Basic legal and ethical principles will be presented and applied to selected scenarios to illustrate the role that the law and ethics have on health care practice. The regulation of health care at national and state levels will also be reviewed.

HS 353 Diversity and Disparities in Health Care (3 credits)

The rapidly changing demographics of the country and the world call for increased attention to disparities relative to health status, including issues around diversity, socio-economic status, geography, and access. The effects of facility utilization and uncompensated care has on access will be discussed. This course will provide a framework for exploring diversity and disparities with emphasis on culturally competent care and mediation of differences in health outcomes among diverse populations with regards to accessing quality health care.

HS 354 Improving Health Care Quality and Safety (3 credits)

Health care organizations are committed to improving the quality and safety of services both to achieve their missions and to comply with various regulatory requirements. This course will review the major sources of quality and safety standards, present some of the major approaches to improving quality and safety, and discuss the role of all health care workers in creating a culture of safety. Leadership implications of the quality and safety of the environment, movement, and handling will be explored.

HS 355 Health Research Capstone (3 credits)

The Health Research Capstone course will provide an overview of health research principles and the role of research in the delivery of health care, showing connections to the other BS HS major core courses on leadership and management, diversity, improving quality and safety, and legal/ethical principles and issues. Specifically, the Capstone process will emphasize finding the best available current research and applying evidence-based practices to selected scenarios. The capstone experience will involve selection of an approved topic from the major core courses and design of a project to enhance knowledge and skills in that area.

Health Sciences Designated Elective Courses

HS 301/HS 501 Spirituality in Health Care (3 credits)

Explores the spiritual dimension of health care and the incorporation of spirituality into the caring relationship. The intersection of religion, spiritual practices, culture, diversity, life stages and health issues are examined. Other topics include the identification of one's personal spirituality, discussion of the ethical provision of spiritual care by the health care professional, importance of the consideration of spiritual care needs by the health care team, and the difference in the roles of the health care professional and pastoral care professional. Prerequisite: Sophomore standing.

HS 303 Health Education and Promotion for Healthy Lifestyles (3 credits)

Health education and promotion activities are increasingly supported by evidence showing positive impacts on various health indicators. Using nationally published population health goals as a framework, this course will use frequently occurring health conditions to explore health education models and health promotion interventions. Attention will also be given to measuring

health and the impact of lifestyle choices on health care needs and costs within the context of ethical principles.

HS 304 Community and Public Health (3 credits)

This course focuses on the family and community as consumers of health services. The different perspectives, sensitivities and application of knowledge unique to families and the community are identified. Effectiveness of family-centered practice is explored in relation to the problems, priorities, attitudes, culture and resources of the family and community.

HS 306 Health Management Information Systems (3 credits)

This course introduces the current status of information systems and technology in the healthcare industry. We will examine the clinical and administrative applications that are fundamental to the industry. Information systems topics such as process flow, systems analysis, database management, hardware and software will also be discussed and examined in the context of the industry. Students will also explore emerging technologies and how they relate to the healthcare industry.

HS 307 Alternative Healing Modalities (3 credits)

This course examines holistic forms of health care that can add to the effectiveness of traditional allopathic care, including energy systems, art, imagery, meditation, and hands-on healing approaches. Integrative medicine is the term to describe the interdisciplinary approach to client care, which borrows from Eastern and Western medical traditions. Assignments will include first-hand experiences of techniques for subjective and objective assessment.

HS 309 Professional Interactions in Health Care Settings (3 credits)

This course will present a model for interacting with people seeking health

care services and health care personnel with consideration of roles, expectations, communication, and mutual goal setting. Commonly used assessment skills such as general interviews/talking with clients, conflict resolution, and communication skills will be included as will more advanced professional interaction skills of conflict resolution, negotiation, and mediation.

HS 310 Human Growth and Development across the Lifespan (3 credits)

This course covers the psychological, biological, cognitive, social and emotional changes that occur throughout the human lifespan. It includes pre-natal stages through death and dying. Students will be introduced to both classic and new and emerging theories of development as they gain an understanding of the dynamic interrelatedness and relationship between biology and environment in human growth and development.

HS 352 Health Care Leadership (3 credits)

This survey course will review leadership theories practices commonly applied in health care environments. The course will emphasize leading diverse organizations, collaborating with colleagues on creating and communicating a vision for the organization, and ethical leadership. Analyzing organizational frames and leading change to adapt to emerging health care environments will be explored.

NURSING

The Baccalaureate of Science in Nursing (BSN) degree is designed to meet a variety of educational needs beginning with the initial preparation necessary to enter the profession of nursing as well as faster professional growth and advancement for returning registered nurses (RNs).

Faculty

ANNE M. BARKER, ED.D., R.N.

Professor and Chair, Department of Nursing

AUDREY M. BEAUVAIS, D.N.P., R.N.

Assistant Professor

MARLENE BECK, D.N.P., M.S.N., B.S.N

Assistant Program Director, Nursing Education

HOLLY BRADLEY, D.N.P., A.P.R.N., M.S., B.S.N.

Assistant Clinical Professor

MICHELLE COLE, M.S.N.

Instructor

LINDA COOK, DNP, NNP-BC, APRN

Clinical Assistant Professor

SUSAN M. DENISCO, D.N.P., A.P.R.N., F.N.P.-B.C., C.N.E.

Associate Professor and Director, Graduate Programs

HEATHER FERRILLO, R.N., M.S.N., A.P.R.N., F.N.P.-B.C.

Clinical Assistant Professor

HARRIETT FIELDS, ED.D, RN

Clinical Associate Professor

KIMBERLY A. FOITO, M.S.N., R.N.

Clinical Assistant Professor

KATHLEEN S. FRIES, PH.D., R.N.

Assistant Professor and Director, Undergraduate Nursing

JOANNE GATTI-PETITO, DNP, RN, CNE

Assistant Professor

CONSTANCE GLENN, R.N., M.S.N., A.P.R.N., F.N.P.-B.C.

Clinical Assistant Professor

MICHELLE JOHNSON, EDD, BSN

Clinical Assistant Professor

CORRINE LEE, MSN, RN

Clinical Assistant Professor

SUSAN MCGINNIS, MS, RN

Assistant Program Director, SHU Onsite Cohort Programs

KERRY MILNER, R.N., M.S.N., D.N.SC.

Assistant Professor

LINDA MORROW, DNP, MSN, MBA, CNOR, CPHQ

Clinical Assistant Professor and Assistant Director, Patient Care Services Administration

SHERRY ROPER, PHD, MSN, RN

Clinical Assistant Professor and Assistant Program Director, Clinical Nurse Leader

LINDA-JO RUSSO, MSN, RN

Instructor

DEBBIE SIMMONS, D.N.P., A.N.P.-B.C., C.O.H.N.-S.

Assistant Professor of Nursing

REBECCA ANN SMART, MPH, MSN, APRN, NNP-BC, FNP-BC

Clinical Assistant Professor

JULIE G. STEWART, D.N.P., M.P.H., F.N.P.-B.C., A.P.R.N., A.A.H.I.V.S.

Assistant Professor

Assistant Program Director, Family Nurse Practitioner Program

LINDA L. STRONG, ED.D., R.N.

Assistant Professor and Director, RN to BSN

SHERYLYN WATSON, M.S.N., R.N., A.-S.A.N.E., C.E.N.

Clinical Assistant Professor

EILEEN YOST, M.S.N., R.N.C.

Clinical Assistant Professor

Major in Nursing

Two tracks are offered in the Nursing major: First Professional Degree program and Nursing Completion program for RNs who wish to achieve a BSN. The BSN programs are fully accredited by the Commission on Collegiate Nursing Education (CCNE). For information, contact the CCNE at One Dupont Circle, NW, Suite 530, Washington, DC 20036-1120; phone: 202-887-6791; or web site www.aacn.nche.edu. In addition, a 6-credit certificate in Home Health Care Management is available online. This certificate meets the current requirements for the position of Home Health Supervisor in Connecticut, for RNs who do not have a bachelor's degree.

FIRST PROFESSIONAL DEGREE PROGRAM (FPD)

The BS in Nursing program provides a first professional degree for entry into the nursing profession. At the conclusion of four years of study, students are eligible to take the National Certification Licensure Examination (NCLEX) developed by the National Council of State Boards of Nursing (NCSBN) in the United States. Qualified applicants are admitted into the University as pre-Nursing students and are guaranteed a seat as a sophomore Nursing student if they meet or exceed freshman prerequisite coursework and GPA requirements. Students who do not meet criteria will be evaluated for placement based on enrollment capacity. During the following three years, nursing students participate in simulated laboratory learning and clinical experiences at a variety of health related facilities in the area.

Upon successful completion of freshman prerequisite coursework with an overall GPA of 3.0 or higher and grades no lower than C+ in science courses, students enter the Nursing major in the fall semester of

the sophomore year. The course sequence is outlined in the Plan of Study below. To receive a BS in Nursing, First Professional Degree Program students must successfully complete 122 credit hours, 55 of which are the Nursing major requirements. Students must maintain the overall GPA and course grade requirements and must demonstrate safe and competent practice in all nursing clinical and laboratory settings while adhering to the published professional standards of conduct (see Nursing Student Guide online at Nursing Student Guides - Sacred Heart University).

ADMISSION TO THE NURSING MAJOR

First Professional Degree Program

Policy:

1. Incoming freshmen applicants to Sacred Heart University who meet admission criteria established by the Nursing Program will be notified of their acceptance by Undergraduate Admissions.
2. Acceptance into nursing is competitive and predominately based on SAT/ACT scores and scholarly achievement during the last three years of high school (particularly in science and advanced placement courses). Ideal candidates for SHU Nursing will have a 3.3 High School GPA, and SAT or ACT equivalent of 1080 or higher on Critical Reasoning and Math scores. Admission essays and evidence of community service and other extracurricular contributions will also be taken into account.
3. Students who are accepted will have a space held for them in sophomore nursing courses, provided they meet criterion # 4 below.

4. All nursing students planning to start sophomore nursing courses must have completed pre-requisite courses and achieved a cumulative GPA of 3.0 or higher and a grade of C+ or higher in required science coursework.
5. Students who do not complete prerequisite courses and/or do not meet the GPA requirement will not advance to sophomore year nursing coursework. Students are encouraged to contact the Undergraduate Director of Nursing to discuss options.
6. Transfer students with excellent qualifications (including strong GPAs and SAT/ACT scores) will be admitted as space allows. Transfer students are encouraged to contact the Admission Office as early as possible for consideration and are expected to meet the criteria described above.
7. Students who have been convicted of a felony may be denied the opportunity to take the NCLEX and be licensed as a registered nurse. As Sacred Heart University does not do criminal background checks, it is the sole responsibility of the student to self-identify their felony conviction and to discuss and resolve this issue directly with the State Board of Nursing where he/she intends to take NCLEX.

This charge will be reflected as a program fee each semester in addition to undergraduate tuition and fees. The fee will be initiated for nursing students starting their Sophomore year.

Lab Fees

Clinical laboratory fees are attached to courses that involve laboratory activities, simulation, or practical exams. These fees are used to offset expenses associated with these learning activities.

Nursing Assessment Fee

A one-time assessment fee is levied in the spring semester of the Sophomore year for individualized testing and evaluation that occurs throughout the nursing major courses. Students receive supplemental and remedial study materials in addition to individual feedback on tests and recommendations for Improvement. Students who do not meet the program benchmark scores will be required to use remedial study materials and retake the exam to demonstrate competency before progressing to the next course. In addition, senior students will be required to participate in an NCLEX review course towards the end of the final semester. Questions about these fees and activities should be directed to the Director of Undergraduate Nursing or the Chair of the Nursing Department.

Differential Tuition

Sacred Heart University has implemented a differential tuition for the First Professional Degree Nursing program. The cost of nursing education is increased relative to other majors due to intensive clinical laboratory courses and clinical supervision required to maintain the professional standards of nursing education in addition to the associated expenses of clinical education.

Nursing Verification/Health Requirements Documentation Fee

This is a nominal annual fee associated with Nursing Verification/Health Requirements Documentation. On or before the Fall Term, entering First Professional Degree sophomore students must submit completed and approved Annual Health Clearance

and Illness/Immunization documentation according to guidelines noted in Summer mailing to students. All matriculated nursing students must provide a completed and approved Annual Health Assessment form. Newly admitted students must submit completed and approved health information forms to the Nursing Department as soon as possible. Please keep copies of all health documents for your files. Students may not attend clinical or classroom activities without health clearance provided in the correct format. In the absence of extenuating circumstances, students who fail to submit required documents will lose one point per day from their final course grade. After 10 days, the student will fail the course. Students' inability to attend clinical for part of all of the first 10 days may result in course failure. Health care agency placement agreements and patient safety needs require strict compliance with health screening requirements.

Special Clinical Agency Requests/ Criminal Background Checks/Drug Screenings

The Undergraduate Nursing program requires the successful completion of clinical and fieldwork experiences. These experiences are offered through facilities and settings off-campus and these settings may require that the student complete a criminal background and/or a drug screening check before beginning the experience. These will be completed at the student's expense and the university and the program will have no obligation to refund tuition or otherwise accommodate students in the event that a criminal background check or drug screening renders the student ineligible to complete required courses or fieldwork.

Required Freshman Prerequisite Courses in First Professional Degree Program

- FYXX 125 First Year Seminar
- FLO 125 The Art of Thinking
- PS 110 Introduction to Psychology
- BI 126/127 Nursing Human Anatomy/
Physiology 1
- MA 105 Math Applications for Health
Sciences
- CH 117/119 General, Organic and Biochemistry
An Overview
- BI 128/129 Nursing Human Anatomy/
Physiology 2
- HI CC 101 Human Journey: Historical
Paths to Civilization or EN CC 102
Literary Expressions of the Human
Journey

Additional Courses Required for First Professional Degree

- NU 205 Foundations of Professional
Nursing
- NU 220 Pharmacology and Nursing
Implications
- BI 161/162 Introduction to Microbiology
- HI CC 101 Human Journey: Historical Paths
to Civilization
- EN CC 102 Literary Expressions of the Human
Journey
- RS 101 Introduction to Religion
- NU 210 Health & Wellness & Cultural
Diversity
- NU 215 Health Assessment
- PH 101 Introduction to Philosophy
- PS 252 Child Development Psychology
- CC 103 Social Sciences: The Individual &
Society

OR

- CC 103 Natural Sciences: Scientific Discovery & the Human Community
- NU 300 Psychiatric Mental-Health Nursing
- NU 330 Care of the Childbearing Family
- PH/RS CC 104 The Human Search for Truth, Justice & the Common Good
- NU 310 Pathophysiology
- NU 340 Introduction to Adult Nursing
- NU 365 Evidence-Based Nursing Practice
- MA 131 Statistics for Decision Making
- SO 110 Sociology
- NU 374 Concepts in Child Health Nursing
- NU 360 Adult Nursing 2
- RS 260 Bioethics or PH 258 Medical Ethics
- NU 370 Nursing Leadership
- NU 381 Public Health Nursing
- NU 390 Senior Synthesis Seminar
- NU 395 Transitions into Professional Nursing Practice

Program Competencies

NURSING

Caring

Provide empathetic care that incorporates the dignity and worth of clients.

Collaboration

Work collaboratively with others using a process grounded in respect and knowledge of others' roles.

Communication

Use appropriate, accurate and effective communication processes.

Critical Thinking

Demonstrate critical thinking as evidenced by the ability to analyze, synthesize, evaluate and reflect.

Therapeutic Intervention

Provide competent holistic care based on scientific principles to promote health and reduce illness.

HEALTH AND ILLNESS

Clients

Provide care to diverse clients across the lifespan.

Health Care Needs

Determine client needs through health assessment and use of standard data sources.

Health Care Goals

Develop a plan of care based on client needs that is realistic, outcome oriented, cost-effective and mutually agreeable.

PROFESSIONALISM

Leadership

Coordinate health care of individuals and groups utilizing principles of interdisciplinary models of care delivery and case management.

Policy

Incorporate basic knowledge of health care policy and systems to inform practice, advocate for clients and meet society's needs.

Standards and Conduct

Demonstrate accountability for competent practice guided by ethical, legal and professional standards

Nursing Laboratory

The nursing laboratories are equipped with sophisticated simulation mannequins and models, exam tables, hospital beds,

computers, and a variety of audiovisual material. The laboratories are designed to promote critical thinking and skill proficiency for all major content areas of nursing practice. Under the direction of a full-time nurse, faculty members and nursing lab assistants, students are able to practice and demonstrate skills competency in a simulated clinical setting. In addition to scheduled class times, laboratories are open and staffed for students' individual practice during specified hours.

FRESHMAN PREREQUISITE COURSES FOR MATRICULATION TO THE B.S. IN NURSING PROGRAM

Fall Freshman Year: 13 credits	Spring Freshman Year: 14 credits
FYXX125 First Year Seminar or FLO 125 The Art of Thinking 3 CR	FYXX125 First Year Seminar or FLO 125 The Art of Thinking 3 CR
PS 110 Introduction to Psychology 3 CR	CH 117 General, Organic and Biochemistry, An Overview 3 CR
BI 126 Nursing Anatomy and Physiology I 3 CR	CH 119 General, Organic and Biochemistry Laboratory 1 CR
BI 127 Nursing Anatomy and Physiology I Laboratory 1 CR	BI 128 Nursing Anatomy and Physiology II 3 CR
MA 105 Mathematical Applications for Health Sciences 3 CR	BI 129 Nursing Anatomy and Physiology II Laboratory 1 CR
	HI CC 101 The Human Journey: Historical Paths to Civilization or EN CC 102: Literary Expressions of the Human Journey 3 CR

*CH 117/119 can be taken Year 1 Semester 1 or Year 1 Semester 2

*PS 110 can be taken in Year 1 Semester 1 or Year 1 Semester 2

ADDITIONAL REQUIRED COURSES FOR THE B.S. IN NURSING

Fall Sophomore Year: 16 credits	Spring Sophomore Year: 17 credits
NU 205 Foundations of Professional Nursing 3 CR	NU 210 Health & Wellness & Cultural Diversity 2 CR
NU 220 Pharmacology and Nursing Implications 3 CR	NU 215 Health Assessment 3 CR
BI 161 Introduction to Microbiology 3 CR	PH 101 Introduction to Philosophy 3 CR
BI 162 Introduction to Microbiology Laboratory 1 CR	SO 110 Sociological Imagination 3 CR
HI CC 101 The Human Journey: Historical Paths to Civilization or EN CC 102 Literary Expressions of the Human Journey 3 CR	CC 103 Social Sciences: The Individual & Society or CC 103 Natural Sciences: Scientific Discovery & the Human Community 3 CR
RS 101 Introduction to the Study of Religion 3 CR	Humanities Elective 3 CR
*BI 161/162 can be taken in Year 2 Semester 3 or Year 2 Semester 4	
Fall Junior Year: 14 credits	Spring Junior Year: 17 credits
NU 300 Psychiatric—Mental Health Nursing: 4 CR	NU 340 Introduction to Adult Nursing 5 CR

NU 310 Pathophysiology 3 CR	NU 365 Evidence-Based Nursing Practice 3 CR
NU 330 Care of the Childbearing Family 4 CR	MA 131 Statistics for Decision Making 3 CR
PH/RS CC 104 The Human Search for Truth, Justice, & the Common Good 3 CR	PS 252 Child Development Psychology 3 CR
	Humanities Elective 3 CR
Fall Senior Year: 16 credits	Spring Senior Year: 15 credits
NU 360 Adult Nursing II 6 CR	NU 381 Public Health Nursing 5 CR
NU 370 Nursing Leadership 3 CR	NU 390 Senior Synthesis Seminar 3 CR
NU 374 Concepts in Child Health Nursing 4 CR	NU 395 Transitions into Professional Nursing Practice 4 CR
RS 260 Bioethics or PH 258 Medical Ethics 3 CR	Free Elective 3 CR

Course Descriptions for First Professional Degree

NU 205 Foundations of Professional Nursing 3 CR

This course introduces the student to the profession of nursing. The student builds upon foundational knowledge from the liberal arts, sciences and humanities and applies this to the content and process of nursing. The metaparadigm of nursing is presented in conjunction with the University's mission and organizing framework. Students are introduced to the concepts of health and effective communication and demonstration of the teaching/learning process. Theories for nursing practice are introduced. Laboratory and clinical experiences are coordinated to offer the student practical experience with selected clients in providing basic nursing care in a professional, caring manner. Students will also incorporate principles of nutritional and pharmacological therapies, including medication administration and documentation, while providing supervised clinical care. Students will demonstrate effective use of available technologies to assess, monitor and evaluate patient care.

Prerequisite: Acceptance to the Nursing major

NU 210 Health & Wellness & Cultural Diversity 2 CR

This course introduces the entering Nursing student to basic concepts, theories and methods of exploring the health, wellness and cultural diversity of individuals. Common factors that promote the health and wellness of individuals across the life span are explored. Cultural diversity expands this discussion to include the meaning and impact of culture on health and wellness through the exploration of cultural phenomenon such as perception toward time, communication, social organization and healing traditions.

Prerequisite: NU 205

NU 215 Health Assessment 3 CR

Introduces assessment parameters including interviewing, history taking, physical examination and functional assessment. Students formulate nursing diagnoses based on the North American Nursing Diagnosis Association nomenclature. Adequate data collection and careful analysis for diagnostic and planning purposes are stressed.

Prerequisite: NU 205

NU 220 Pharmacology and Nursing Implications 3 CR

This course focuses on the major actions of

drugs on body systems with an emphasis on the role of the nurse to promote patient safety during all aspects of medication administration. Legal, ethical, and professional responsibilities related to medication administration and promotion of patients' health and wellness are also addressed. Correct drug calculation and safe medication preparation and administration are discussed and practiced in the nursing simulation laboratory.

Prerequisite: Acceptance to the Nursing major

Prerequisite: Acceptance to the RN-BSN Nursing Major

NU 299 Special Topics in Nursing 3 CR

Designated new or occasional courses that may or may not become part of the department's permanent course offerings. Prerequisites are established by the department as appropriate for the specific course. Course title is shown on the student's transcript.

NU 300 Psychiatric—Mental Health Nursing 4 CR

Introduces students to the practice of mental health nursing for individuals, families and groups with commonly occurring mental health disorders. Course content stresses the interpersonal process, nurse self-understanding and current mental health practice. Commonly occurring mental health disorders such as addictive behaviors, personality disorders, schizophrenia and mood disorders are presented. Stresses critical thinking in relation to the provision of care to clients with mental health needs.

Prerequisites: NU 215

NU 310 Pathophysiology 3 CR

This course focuses on nursing actions and responsibilities to manage and provide care for clients who are experiencing acute

or chronic physiologic health conditions. Reduction of risk potential, including complications from existing conditions are also be explored. Content builds on prior anatomy and physiology concepts learned in prerequisite coursework.

Prerequisite: NU 215, BI 162/162

NU 330 Care of the Childbearing Family 4 CR

Focuses on the application of the elements of critical thinking to the care of women and families in their childbearing experiences. Culturally sensitive nursing practice embodies the care of women and families who range from healthy to at-risk states along the continuum of their growth and development. Nursing interventions are supportive, restorative and promotive in nature, and include principles of effective communication and teaching. Clinical experiences provide students with opportunities to apply their critical thinking and knowledge base to care for expectant women in a variety of settings.

Prerequisite: NU 215, BI 161/162

NU 340 Introduction to Adult Nursing 5 CR

The first of two adult nursing courses, this course emphasizes the nursing roles in health promotion, health restoration and health maintenance. Classroom and clinical learning experiences focus on integration of knowledge from previous coursework. Consistent with the organizing framework of the Nursing program, this course incorporates aspects of critical thinking into classroom and clinical learning experiences. Students have the opportunity to provide nursing care to clients with common health problems from young adulthood to older adults. Course content focuses on the common health problems of the population of clients, which include: urinary, intestinal, neurologic and musculoskeletal disorders;

problems of metabolism, sensation and perception; and perioperative nursing care.

Prerequisite: NU 300, NU 310, NU 330

NU 360 Adult Nursing II 6 CR

The second in the two-course sequence of adult nursing, this course emphasizes the nursing roles for the supportive, promotive and restorative functions of nursing practice, and continues to incorporate critical thinking into learning experiences. Students have the opportunity to provide individualized nursing care that includes the psychosocial and cultural aspects of care to adults with complex health problems, including the critically ill.

Prerequisite: NU 340

NU 365 Evidence Based Practice 3 CR

This course prepares nursing students to critically evaluate evidence developed through methodologies such as research and research protocols for its application to the practice of professional nursing. The course reviews levels of evidence and provides a foundational overview of quantitative and qualitative research methodologies. Ethical issues and policy agendas that influence research are considered throughout the course.

Prerequisites: EN 110

Corequisite: MA 131

NU 370 Nursing Leadership 3 CR

This course focuses on leadership and management activities integral to the provision of health care for individuals, families and/or communities. These activities require assessment, collaboration and evaluation. The ability to work and communicate with others is fundamental to these activities.

The transition to the role of the professional nurse is also explored. Themes of the course

are health care as a system, professionalism and the role of the nurse in the provision of cost-effective quality care. Concepts and theories of leadership and management are integrated. Students analyze the health care delivery system and its relationship to the practice of nursing.

Prerequisites: NU 340, NU 365

NU 374 Concepts in Child Health Nursing 4 CR

Focuses on the application of the elements of critical thinking to the care of children and families in their child-rearing experiences. Incorporating content from the liberal arts, sciences and humanities, students explore the roles of the nurse in relation to current research, issues, concepts and trends in family and child health. Culturally sensitive nursing practice embodies the care of children and families who range from healthy to at risk states along the continuum of their growth and development. Nursing interventions are supportive, restorative and promotive in nature, and include principles of effective communication and teaching. Clinical experiences provide students with opportunities to apply their critical thinking and knowledge base from family and child nursing to a variety of healthy to at-risk situations, and across a variety of settings.

Prerequisite: NU 340

NU 381 Public Health Nursing 5 CR

This course focuses on the family and community as consumers of health services. Priorities and intervention strategies for health promotion, health protection and health restoration promoting optimal level of functioning of populations at risk are stressed. The effectiveness of nursing practice will be explored in relation to the problems, priorities, attitudes, culture and resources of populations along the lifespan with emphasis on aging populations in the

community. Collaboration with community agencies/institutions and the health care delivery system result in health promotion activities that address current or emergent health needs of specific populations.

Prerequisite: NU 360

NU 390 Senior Synthesis Seminar 3 CR

This course prepares the student for the role of graduate registered nurse. Topics such as time management, malpractice, role development, lifelong learning and interdisciplinary care are addressed in an informal class setting. Theoretical information is shared through student presentations, guest speakers, lecture, case studies and small group work. Students apply and synthesize previous course content, while demonstrating accountability to self, peers, and the program while preparing for the NCLEX exam. Students identify individual learning needs and develop a learning contract to meet deficiencies. Content mastery testing is utilized to prepare students for the NCLEX exam and also to calculate student grades for the course.

Prerequisites: NU 360

NU 395 Transition into Professional Nursing Practice 4 CR

This clinically based immersion experience supports objectives identified in the Senior Synthesis Seminar. Students demonstrate and utilize evidence-based research to support clinical decision-making or to question experiences they encounter during their clinical experience. Focus is on moving the student toward autonomous professional nursing practice within their clinical setting. Prior to graduation, students must identify, demonstrate and emulate the SHU nursing programs core competencies.

Prerequisites: NU 360

Nursing Completion Program (RN to BSN)

The Registered Nurse to Bachelor of Science in Nursing program provides registered nurses who have graduated from accredited diploma or associate degree programs educational mobility in a program designed for the adult learner. No entrance exams are required for practicing, licensed nurses. The upper-division curriculum has been specially designed for RN students returning to finish their baccalaureate education. All Nursing and all non-Nursing courses are offered via web-based formats. Personal attention and interaction between the faculty and student are a major focus in the Nursing Department.

The RN to BSN program is student-friendly and tailored to meet the needs of adult learners. There are two courses in the curriculum with a practicum component: care management and public health nursing. Students select preceptors and design learning objectives and strategies, with faculty approval, based on their personal learning needs and areas for growth. Students do not have to repeat previous clinical experiences. Required Nursing courses are upper-division courses and are designed specifically for RN students.

To receive a BS degree in Nursing, the RN must complete 123 credit hours of study: 66 credit hours in prescribed general education courses and 57 credit hours in the major with at least a 2.8GPA. A minimum of 30 nursing credits are awarded through the Connecticut Nursing Education Articulation Plan. The professional major is built on a core of sciences, humanities, social sciences and mathematics courses. Prior to entry into the major, specific prerequisite courses must be completed at Sacred Heart University or another accredited college, or by college-level examinations (CLEP). Credit for prior learning is also an option for selected

courses.

Accelerated RN to MSN Program

This program is for registered nurses who have graduated from accredited diploma or associate degree programs in Nursing and provides an accelerated path into the Masters in Nursing program. The baccalaureate upper-division Nursing major includes both undergraduate and graduate-level courses to satisfy the requirements for the baccalaureate degree. The basis of the acceleration is the substitution of graduate credits for credits toward the BSN. All required undergraduate nursing courses for this degree are available online, as are the graduate nursing core courses and nursing courses required for the MSN in Patient Care Services Administration, Clinical Nurse Leader and Nursing Education tracks. Approximately 60% of the required courses for the MSN in Family Nurse Practitioner are also available online. Please refer to the Sacred Heart University Graduate catalog for additional information.

Admission Requirements

This program is limited to students with experience in nursing who are seeking to complete their baccalaureate education in nursing. Students apply through the online admissions process directly for the RN to BSN program. Application materials must include:

- an undergraduate GPA of 2.5 or above for the RN to BSN program and a GPA of 3.0 for the RN to MSN program,
- official transcripts,
- an application,
- two letters of recommendation, (one

from a Supervisor and one from a peer)

- a resume,
- a statement of professional goals, and
- completion of the interview with an admissions representative for faculty review.

Applicants must provide a copy of their RN license in their state of practice, and must carry liability insurance. One year of nursing experience is preferred.

Prerequisite Courses to the Upper-Division Nursing Major

BI 126/127 Nursing Anatomy and Physiology I

BI 128/129 Nursing Anatomy and Physiology II

BI 161/162 Introduction to Microbiology Chemistry Elective

9 Credits in Social and Behavioral Sciences: PS 110, SO 110, PS 252, Anthropology, Political Science or Economics

Academic Writing/Speech Course *

Validation of Prior Learning

Students may be awarded 30-36 Nursing credits through the State of Connecticut Nursing Articulation Plan. Students who graduate from schools in other states can be awarded 30 credits through endorsement of these courses. Students will be advised of their status by the Nursing faculty with credits shown as NU 290.

Additional Required Courses for the BS in Nursing

FLO 125 Logic

- HICC 101 The Human Journey: Historical Paths to Civilizations
- EN/CC 102 Literary Expressions of The Human Journey
- CC 103 The Human Community: The Individual and Society or The Human Community and Scientific Discovery
- CC 104 (PH or RS) The Human Search for Truth, Justice and the Common Good
- MA 101 Modern College Mathematics
- MA 131 Statistics for Decision Making
- PH 101 Introduction to the Problems of Philosophy
- RS 101 Introduction to the Study of Religion
- Two electives from Area B-1 (Humanities)
- Free elective

Nursing Major Requirements— BSN

- NU 290 Validation of Prior Learning (30 – 36 undergraduate nursing credits)
- NU 305 Transition to Professional Practice
- NU 315 The Human Journey in Nursing
- NU 325 Health Assessment
- NU 335 Information and Technology for Nursing Practice
- NU 345 Evidence Based Practice
- NU 355 Leadership in Contemporary Nursing Practice
- NU 376 Care Management: Individuals and Families
- NU 387 Populations and Global Health Nursing

Courses in the Nursing major are generally taken after the majority of general education courses have been completed. Nursing 305, 315, 325, 335, 345 and 355 (or NU 401, 430,

431, and 433 for RN to MSN students) must be taken before NU 376 or 387. Students are encouraged to review the University catalog for other policies and requirements related to timing of various course requirements, CLEP availability and timing, and credit for prior learning application procedures.

^aThe University Common Core Courses CC 101 and CC 102 must be completed before NU 315 and NU 345.

^bStudents who have completed and received SHU credit for an Academic Writing and/or Speech Course are exempt from Freshman Seminar. Any student who has not received credit for one of these courses must take ENG 299 or HI299. MA 131 must be completed before NU 345. The University Common Core Courses CC 101 and CC 102 must be completed before NU 315 and NU 345

^cThe Validation of Prior Learning is awarded following completion of the first clinical course.

^dThese courses are taken at the graduate level (instead of NU 305, 315, 345, RN to MSN students take NU 401, 430, 431, 433).

Nursing Major — MSN

Please refer to the Graduate catalog for Nursing major requirements—MSN.

Certificate Program in Home Health Care Management for RNs—Online

The certificate program in Home Health Care Management is designed for nurses in management positions in home health agencies to meet the State of Connecticut's Department of Public Health (DPH) requirements. DPH requires nurses in managerial positions in home care who do not have a BSN to complete at least

six credits in health care management or community health from an accredited college, university or school of nursing.

ADMISSION

Students must apply to the Department of Nursing for the certificate program and enroll as a Special Student at Sacred Heart University.

There is a \$25 fee for processing the application.

Students must take the course for credit, which may later be applied to the RN to BSN degree.

REQUIRED COURSES

- NU 355 Leadership in Contemporary Nursing Practice
- NU 382 Management of Home Health Care Agencies

Courses cannot be audited or taken for Pass/Fail. Credit may later be applied to a degree if the student enrolls in a degree program within 5 years.

Students must achieve a grade of C or better (undergraduate) or B or better (graduate) in the courses to be awarded the certificate. If certificate students later apply for a MSN, only grades of B or better will be applied to the degree.

Students enrolled in degree programs will meet the admission and progression criteria for the degree.

Course Descriptions for RN to BSN/ MSN

NU 305 Transition to Professional Practice 3 CR

This course is for RNs and is designed as a transition to the nursing major and as a forum to facilitate comparison between the scope of practice of the registered nurse and the baccalaureate prepared nurse. Role behaviors of the baccalaureate practitioner will be analyzed and applied within a framework of the health care environment and the ethical, legal and social issues that influence nursing practice. Critical Thinking skills are developed as an essential component of professional practice.

Prerequisite: Acceptance to the RN-BSN Nursing Major

NU 315 The Human Journey of Nursing 3 CR

This course is for RNs. The Human Journey in Nursing utilizes the four questions posed in the University Common core to address Nursing's role in building a just society. Concepts such as human vulnerability, resiliency, spirituality and cultural diversity will provide the platform from which discussions about the professions and the professional nurse's role in shaping past, current and future health care will be based. Reflection on service learning experiences will personalize and professionalize the meaning and responsibility for addressing health inequities within the workplace and the perpetuation of health disparities in society.

Prerequisites: Acceptance to the RN-BSN Nursing Major and Completion of University Common Core 101 and 102 courses.

This course is not a substitute for the Common Core Courses

NU 325 Health Assessment for RNs 3 CR

Utilizing the conceptual framework of the nursing program, this course focuses on comprehensive health assessment. Adequate data collection and careful analysis for diagnostic and planning purposes is stressed. The student will use the diagnostic reasoning process to formulate nursing diagnoses based on the North American Nursing Diagnosis Association (NANDA) nomenclature. The nursing laboratory experience is available for students but not required. Videotaping assessment skills is a required course tool.

Prerequisite: Acceptance to the RN-BSN Nursing Major

NU 335 Information and Technology for Nursing Practice 3 CR

This course is for RNs and provides an introduction to information and technology needed for the practice of nursing today. It will focus on providing material to enable nurses to be computer literate by exploring the use of emerging information sources and communication technology and their impact on health care. Emphasis will be placed on trends and issues in clinical technology. It will also examine key issues such as security and the use of data bases.

Prerequisite: Acceptance to the RN to BSN Nursing Major

NU 345 Evidence Based Practice 3 CR

This course is for RNs and prepares nursing students to critically evaluate evidence developed through methodologies such as research and research protocols for its application to the practice of professional nursing. The course reviews levels of evidence and provides a foundational overview of quantitative and qualitative research methodologies. Ethical issues and policy agendas that influence research are considered throughout the course.

Prerequisites: Acceptance to the RN-BSN Nursing Major,

Corequisite: MA 131

NU 355 Leadership in Contemporary Nursing Practice 3 CR

This course is for RNs and will focus on the professional nurse's role in applying theory and principles of leadership and management in organizations across the health care continuum. Focus will be placed on strategies necessary to function effectively in a changing health care system by exploring interrelated process of thinking systematically, developing reflective judgment, and exercising leadership. Strategies for managing the quality and cost of health care, as well as research utilization, are emphasized to promote effective practice.

Prerequisite: Acceptance to the RN-BSN Nursing Major

NU 376 Care Management: Individuals and Families 4 CR

This course is for registered nurse students and is focused on the elements of care management across the health care continuum. Care management requires an integration of understanding, skills and professional practices of clinical leadership, collaboration, communication, teaching and learning, evidence based practice and evaluation. Students will engage in analytic discussion and analysis of the influence of standards, systems of care, clinical practice and personal reflection on one's practice in contemporary nursing.

Prerequisites: Acceptance to the RN to BSN Nursing Major, NU 305, 315, 325, 335, 345, and 355,

NU 382 Management of Home Health Care Agencies 3 CR

This course takes basic management

concepts and applies them specifically to home care. Content includes financing home care including Medicare, Medicaid and private insurance; State and Federal regulations; accreditation regulations including quality improvement concepts of case management; trends and issues in home care; legal and ethical consideration in home care, and community resources. This course is only offered online.

NU 387 Populations and Global Health Nursing 5 CR

This course is for RNs and focuses on family and community as consumers of health services. The different perspectives, sensitivities and application of knowledge unique to nursing of populations and the community are identified. Effectiveness of nursing practice is explored in relation to the problems, priorities, attitudes, culture and resources of aggregates, groups and the community.

Prerequisites: Permission of instructor one semester in advance of enrollment; NU305, 315, 325, 335,345, 355, and 376 or NU 401, 430, 431, 433

NU 401 (NU 501) Impact of History and Policy on Nursing and Health Care 3 CR

The first of two integrated, required nursing courses in the core curriculum of the graduate nursing programs, this course focuses on history and policy. Current practices in nursing and health care are viewed from the past and present as a way to contemplate the future. Building on a framework of critical thinking, students explore through discussion, written critiques, readings, research and class participation, the history of nursing and medicine, analysis of current policy development and implications of the past for present and future actions in nursing and health care.

NU 430 (NU 601) Principles of Health Care Research for Contemporary Nursing Practice 3 CR

This course, the first of two research seminars, reviews nursing and health care research literature according to criteria. Course content focuses on the development of a researchable problem, integrative literature review and research design. Content, related to quantitative, qualitative and evaluative methods, is outlined. Concepts are developed to promote an understanding of the research process within the context of a research proposal.

NU 431 (NU 602) Evidence-Based Practice for Quality Care 3 CR

Builds on the content of NU 601 and begins with principles inherent to a sound research methodology. Included in the course are both philosophical and pragmatic differences between qualitative and quantitative methods of data collection and analysis. Content areas of substance include both data collection methods and analysis using computer software. Graduate students complete the methods section of the thesis prospectus during this semester.

NU 433 (NU 530) Theory and Professional Roles for Contemporary Nursing Practice 3 CR

Focuses on ethical dimensions of clinical and administrative practice in nursing.

Broad philosophical issues that have direct impact on health care are explored. Beginning with a reflection of one's own values, the course examines the philosophical basis of nursing ethics, applications of ethical principles and the ethical decision-making process. Because reflection, dialogue and critical thinking are essential to understanding ethical practices, the majority of the classes use a seminar format.

PRE-OCCUPATIONAL THERAPY

Pre Occupational Therapy in itself is not an undergraduate major at Sacred Heart University. Rather, Pre Occupational Therapy preparation is a three or four-year course of study leading to the baccalaureate degree and the completion of required Occupational Therapy Program prerequisite courses, followed by two years of graduate study in Occupational Therapy. Graduate study in Occupational Therapy requires two calendar years, including summers, of graduate level coursework and supervised clinical fieldwork education beyond the baccalaureate degree. Students may complete their undergraduate degree in a discipline of their choice; however, the Health Science major leading to the Bachelor of Science in Health Science (BSHS) is preferred as it offers students a solid foundation in aspects specific to health care. Pre Occupational Therapy preparation can be accomplished in any undergraduate major but can only be completed in three years if the student selects a major in Health Science or Sociology. The Health Science or Sociology major must be declared by the end of the freshman year and may require summer and/or intersession courses to complete the baccalaureate degree in three years. Regardless of undergraduate major, students must successfully complete all required prerequisites by the end of the summer prior to enrolment. A 3.0 cumulative, 3.0 prerequisite science GPA (Biology with lab, Human Anatomy and Physiology I and II with lab), and 3.2 prerequisite GPA with no individual prerequisite course grade below a C is required for admission. Prerequisite course grades of C or lower are not accepted and must be repeated. For details regarding the Graduate Occupational Therapy program, program accreditation, admission, and application information, see Sacred Heart University's Graduate Catalog or contact the Office of Graduate Admissions.

Early Provisional Decision Option for Incoming Freshman

Early provisional decision application option is available to outstanding incoming Sacred Heart University Freshman. Early provisional decision application requirements for entering Freshman include the successful completion of four years of Science, and two of the following criteria:

- High school GPA of 3.2 or higher in academic courses (Math, Science, History, English, Modern Foreign Language)
- SAT scores of 1100 or higher
- Rank in the top 30% of graduating high school class

Sacred Heart University Freshman accepted Early Provisional Decision for Occupational Therapy will have a seat reserved in the Graduate Occupational Therapy program contingent upon successful completion of the baccalaureate degree in an undergraduate major, successful completion of all prerequisite course requirements, maintenance of a 3.0 cumulative GPA, 3.0 prerequisite science GPA (Biology with lab, Human Anatomy and Physiology I and II with lab), and 3.2 prerequisite GPA with no individual prerequisite course grade below a C, completion of a graduate application in their senior year by the date published by the Office of Graduate Admissions, and an interview with the Occupational Therapy Admissions Committee.

Program Accreditation

The Occupational Therapy Program is fully accredited through 2016-2017 under the "Standards for an Accredited Educational Program for the Occupational Therapist-2006" by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA). The faculty are making preparations to meet the newly revised, 2011 ACOTE Standards that go into effect July 31, 2013. For information about accreditation, contact ACOTE c/o at American

Occupational Therapy Association (AOTA), 4720 Montgomery Lane, suite 200., P.O. Box 31220, Bethesda, MD 20814-3449 20824-1220; phone number (301) 652-2682; web address www.acoteonline.org www.aota.org. Graduates of the program are eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). Most states, including Connecticut, require licensure to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination.

Note: A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination and/or attain state licensure. Some fieldwork sites require students to undergo criminal background and/or substance use checks as well. Costs associated with criminal background, fingerprinting, and drug tests required by clinical fieldwork sites are the responsibility of the student and the University and Occupational Therapy Program have no obligation to refund tuition or otherwise accommodate students in the event that a criminal background check or drug screening renders the student ineligible to complete required courses or fieldwork. Students who are twice denied a fieldwork placement based on the results of a background check will be considered ineligible for placement and unable to complete the program and, therefore, will be dismissed from the program.

Students are admitted to the program on a competitive basis. Admission is based on successful completion of admission requirements, including completion of a baccalaureate degree in a field other than occupational therapy, and completion of all prerequisite courses by the end of the summer semester prior to enrollment. If students require the summer prior to enrollment to complete prerequisites or

the baccalaureate degree, any acceptance for admission into the program will be provisional to successful completion of the baccalaureate degree, all and prerequisite coursework, maintenance of GPA requirements, and an interview with the Occupational Therapy Admissions Committee. All applicants must have completed prerequisite courses in Biology with a laboratory, statistics, psychology, Human Anatomy and Physiology I with a lab, and one additional prerequisite course with grades entered with the University Registrar prior to the interview. Early Decision applicants must have completed these prerequisites by the October 31st Early Decision Application deadline in the senior year in college. See the Sacred Heart University Graduate Catalog or contact the Office of Graduate Admissions for admission criteria, application procedures, and program information. , program information, and application.

Faculty

JODY BORTONE, ED.D., OT/L

Chair and Director of Graduate Occupational Therapy Program and Clinical Associate Professor

LENORE FROST, PH.D., OTR/L, CHT

Clinical Assistant Professor

MARY-ELLEN JOHNSON, O.T.D., OTR/L

Clinical Assistant Professor

ELISSA LONGO, O.T.D., OTR/L

Assistant Professor

HEATHER MILLER-KUHANECK, PH.D., F.A.O.T.A., OTR/L

Clinical Assistant Professor

SHEELAGH SCHLEGEL, MPH, OT/L

Academic Fieldwork Coordinator

Requirements

Pre Occupational Therapy preparation includes the necessary prerequisite course requirements for the Graduate Occupational Therapy program. Undergraduate students also complete coursework for their selected major, Sacred Heart University required foundational, elective, and common core courses for a Bachelor of Science or Bachelor of Arts degree. Volunteer experience in or observation of occupational therapy practice is highly recommended.

PREREQUISITE COURSE REQUIREMENTS

Students must take the following prerequisite courses while fulfilling requirements for their major field of study in earning a traditional Bachelor of Arts or Bachelor of Science degree:

Applicants are required to maintain a 3.2 prerequisite course GPA, a 3.0 science prerequisite course GPA, and a 3.0 cumulative GPA. Only grades of C or better meet prerequisite requirements.

- Biology I with lab (4 credits)
- Human Anatomy and Physiology I and II with laboratories (8 credits)*
- Life Span Development or Developmental Psychology (course content must include the entire lifespan from birth to old age) (3–9 credits)
- Psychology (3 credits)
- Abnormal Psychology (3 credits)
- Sociology, or Anthropology, or Multicultural/Diversity Studies, or Social Psychology (3 credits)
- Statistics, or Psychological Statistics, Social Statistics, or Biostatistics (3 credits*) (Must include descriptive statistics, probability, confidence intervals, correlation and hypothesis testing)

*Must have been taken within the past 10 years.

RECOMMENDED ELECTIVES

The following courses will help you once in the Occupational Therapy Program

- Neuroscience, or Brain and Behavior
- Physics
- Exercise Science
- Kinesiology

PRE-PHYSICAL THERAPY

Pre-Physical Therapy preparation is a three- or four-year course of study leading to graduate study in Physical Therapy at Sacred Heart University. Pre-Physical Therapy preparation can be done using any undergraduate major, but can only be accomplished in three years if a major in Biology, Exercise Science, or Psychology is selected. Students should declare their undergraduate major no later than the end of the Freshman year. Regardless of undergraduate major, students must successfully complete the physical therapy prerequisite coursework described below. Only grades of C or better will be considered as prerequisites.

The professional phase of the graduate Physical Therapy is an additional three years. Application to the professional phase occurs at the end of the Pre-Physical Therapy preparation and the undergraduate major. For details, see the graduate admissions process. Admission to the professional phase is on a competitive basis.

Faculty

GARY P. AUSTIN, P.T., PH.D.
Associate Professor

YVETTE BLANCHARD, P.T., SC.D.
Professor

DONNA M. BOWERS, P.T., M.P.H., P.C.S.
Clinical Assistant Professor

SALOME BROOKS, P.T., ED.D., M.B.A., M.A.
Academic Coordinator of Clinical Education,
Clinical Assistant Professor

DAVID A. CAMERON, P.T., PH.D., A.T.C., O.C.S.
Clinical Assistant Professor

KEVIN CHUI, P.T., PH.D., G.C.S.
Assistant Professor

MICHAEL J. EMERY, P.T., ED.D., FAPTA
Professor and Chairman

BEVERLY D. FEIN, P.T., ED.D.
Director of Clinical Education, Associate
Professor

JASON GRIMES, P.T., M.P.T., O.C.S., A.T.C.
Clinical Assistant Professor

ANTHONY KINNEY, D.P.T., O.C.S., M.B.A.
Clinical Assistant Professor

MICHELLE WORMLEY, P.T., M.P.T.
Academic Coordinator of Clinical Education,
Clinical Assistant Professor

Requirements

The Pre-Physical Therapy preparation provides the necessary prerequisites for the Doctor of Physical Therapy program. Students also complete required undergraduate coursework for their selected major, and required and elective core courses required by the University for a Bachelor of Science or Bachelor of Arts degree.

REQUIRED PHYSICAL THERAPY PREREQUISITE COURSES

BI 111/BI 112	Concepts in Biology I/Concepts in Biology II
BI 113/BI 114	Concepts in Biology I Laboratory/Concepts in Biology II Laboratory
BI 131/BI 133	Human Anatomy and Physiology I and Laboratory
BI 132/BI 134	Human Anatomy and Physiology II and Laboratory
CH 151/CH 152	General Chemistry I/General Chemistry II
CH 153/CH 154	General Chemistry Laboratory I/General Chemistry Laboratory II
MA 131	Statistics for Decision Making
MA 140	Precalculus
PY 111/PY 112	General Physics I/General Physics II (non-calculus based) and Laboratories
	Psychology (two courses)

PRE-SPEECH-LANGUAGE PATHOLOGY

Speech-Language Pathology (SLP) is not an undergraduate major at SHU. Rather, the program is a Pre-Professional Minor concentration leading to a baccalaureate degree and the completion of required SLP prerequisite courses. Students who wish to practice as Speech-Language Pathologists will need to complete these undergraduate prerequisites, and then complete a Master's degree in SLP. Graduate study in SLP requires two calendar years, including 1-2 summers of graduate level coursework and 400 hours of supervised clinical practicum.

Students who minor in Speech-Language Pathology may complete their undergraduate degree at SHU in a major discipline of their choice; however, the Health Science major leading to the Bachelor of Science in Health Sciences is preferred, as it offers students a solid foundation in information specific to health care practice. Other suggested majors could include English, Foreign Language & Culture, or Psychology. Majors must be declared by the end of the freshman year and may require summer or intercession courses to complete the major requirements as well as all the prerequisite SLP courses. Regardless of the undergraduate major, students must successfully complete all required prerequisites by the end of the summer prior to enrollment in a graduate program. A 3.0 cumulative and 3.2 prerequisite GPA with no individual prerequisite course grade below a C is required for admission to SHU's proposed graduate program in SLP. Pre-professional courses in communication disorders that will comprise the Pre-Professional SLP curriculum will be inaugurated in Fall of 2013. Students will be able to take courses, either as undergraduates or at the post-baccalaureate level; this course sequence will prepare them for entrance into graduate

programs in either Speech-Language Pathology or Audiology; however SHU will offer a Master's degree in SLP only. The first graduate class in SLP at SHU is anticipated to begin matriculation in Fall of 2014, pending approvals by the Connecticut State Office of Higher Education and the American Speech-Language and Hearing Association.

Program Accreditation

The Speech-Language Pathology Pre-Professional Program at SHU is designed to meet all requirements of the American Speech-Language and Hearing Association (ASHA) to prepare students for graduate study in communication disorders and entrance into graduate programs in Speech-Language Pathology or Audiology. Graduate program accreditation is currently pending. Information on accreditation is available at www.asha.org/academic/accreditation

Faculty

RHEA PAUL, PH.D., CCC-SLP
Prof., Chair and Founding Director

Requirements

Pre-Speech-Language Pathology preparation includes the necessary prerequisite courses for graduate work in Speech-Language Pathology or Audiology. Undergraduates must also complete coursework for their selected major, Sacred Heart University required foundational, elective, and common core courses for a Bachelor of Science or Bachelor of Arts degree. Observation of Speech-Language Pathology practice is required and is included in pre-professional course work requirements.

PREREQUISITE COURSE REQUIREMENTS

Students must take the following prerequisite courses in addition to fulfilling requirements for their major field of study and earning a Bachelor of Science or Bachelor of Arts degree (only grades of C or better meet prerequisite requirements):

BASIC SCIENCE REQUIREMENTS

BI 111 or BI 030	Biological Sciences 3 CR
PY 100 or CH 030	Physical Sciences 3 CR
MA 131	Statistics 3 CR
PS 110, PS 252	Social/Behavioral Sciences 6 CR

MINOR COURSES

(must be taken in conjunction with other SHU Major; e.g., Health Sciences, English, Foreign Language & Culture, Psychology)

SLP 112	Speaking on Film (elective) 3 CR
SLP 200	Introduction to Communication Disorders* 3 CR
SLP 210	Phonetics* 3 CR
SLP 300	Anatomy and Physiology of Speech and Swallowing* 3 CR
SLP 310	Introduction to Audiology and Hearing Science 3 CR
SLP 320	Speech Science* 3 CR
SLP 330	Development of Language* 3 CR
SLP 340	Neurological Bases of Communication and Swallowing 3 CR
SLP 350	Introduction to Clinical Methods and Observation* 3 CR
ED 152/552	Education in the US 3 CR
ED 205/569	Education of Children with Special Needs 3 CR

*Required for Minor; other non-elective courses listed are needed for admission to graduate programs in Communication Disorders (SLP or Audiology).

Course Descriptions

SLP 112 Speaking on Film: The Treatment of Communication Disorders in the Popular Cinema

This elective course will present an overview of communication disorders such as deafness, autism, aphasia, and stuttering. Students will watch films with people who have these disorders as protagonists, and discuss the portrayal of the disorder, as well as the symptoms portrayed in each film. Students will research one of the disorders portrayed to compare and contrast its portrait in the film with the findings of their research. A service learning project within the course will involve selecting and presenting an evening of films for families of children with disabilities.

SLP 200 Introduction to Communication Disorders

Prerequisites: PS 252 Child Development Psychology OR HS 310: Lifespan Development OR EX 320: Pediatric Exercise Science

The course provides a general introduction to normal and disordered speech, language, and hearing in children and adults. This course considers normal development of communication behavior, the nature of communication disorders, and reviews the various conditions associated with communication disorders. Ethical standards for the practice of speech-language pathology, contemporary professional issues, and information regarding certification, specialty recognition, licensure and professional credentials in speech-language pathology will be presented. 3 credits; Lecture format.

SLP 210 Phonetics

Prerequisite or co-requisite: SLP 200: Introduction to Communication Disorders

Students will be introduced to the acoustic and articulatory properties of the sound systems of human languages. The International Phonetic Alphabet will be presented, and students will learn to record speech in broad phonemic transcription. Variations among general American dialects, as well as notation and practice of narrow phonetic transcription will be introduced. The implications of cultural and linguistic differences on speech production will be discussed. 3 credits; 2 hours of lecture and 2 hours of laboratory experience.

SLP 300 Anatomy and Physiology of Speech and Swallowing

Prerequisite or co-requisite: SLP 200: Introduction to Communication Disorders

Students will become familiar with the anatomical and physiological bases of human communication and swallowing, including the support structures of the respiratory, articulatory phonatory, and swallowing systems, and the identification and function of muscles in these systems. 3 credits; 2 hours of lecture and 2 hours of laboratory experience.

SLP 310 Introduction to Audiology and Hearing Science

Prerequisite or co-requisite: SLP 200: Introduction to Communication Disorders; SLP 300: Anatomy and Physiology of Speech and Swallowing

This course presents an introduction to the psychophysics of sound, and practice of audiology. It covers the anatomy, physiology and common pathologies of the auditory system, the impact of hearing loss, types and characteristics of hearing loss, conventional procedures used to assess hearing, interpretation of audiological test findings, and criteria for initiating audiological referrals. Issues of ethics, professional practice, licensing, and credentials for audiology practice will be reviewed. 3 credits;

2 hours of lecture and 2 hours of laboratory experience.

SLP 320 Speech Science

Prerequisite or co-requisite: SLP 210: Phonetics

This course presents an introduction to the physics and psychology of human speech production and perception. It covers basic acoustics, the glottal sound source, resonance and acoustics of the vocal tract, acoustic features of vowels, consonants, and suprasegmentals of speech, as well as the physics and biomechanics of phonation, articulation, and resonance. The instruments, applications, and programs used to assess speech production will be reviewed, with laboratory practice. Principles and models of speech perception will also be discussed. 3 credits; 2 hours of lecture and 2 hours of laboratory experience.

SLP 330 The Development of Language

Prerequisite or co-requisite: SLP 200: Introduction to Communication Disorders

This course will introduce students to the social, biological, perceptual, and cognitive bases of language. A range of theories of language acquisition will be presented and the impact of nature and nurture on children's development will be discussed. The typical sequence of language acquisition in the areas of phonology, semantics, syntax and pragmatics will be presented. The relations between oral language development and the acquisition of literacy will be emphasized. Dialectical variations in language development and second language learning will be highlighted. 3 credits; Lecture/Discussion format.

SLP 340 Neurological Bases of Communication and Swallowing.

Prerequisite or co-requisite: SLP 300: Anatomy and Physiology of Speech and

Swallowing; SLP 310 Introduction to Audiology and Hearing Science

This course describes the development and anatomy and physiology of the neurological system that underlies communication and swallowing and is a prerequisite for further study in medical speech, language and swallowing disorders. 3 credits; 2 hours of lecture and 2 hours of laboratory experience.

SLP 350 Clinical Methods and Observation

Prerequisite or co-requisite: SLP 200: Introduction to Communication Disorders

This course will orient students to clinical practicum, including the scope of assessment and intervention across the life span. It will include an overview of goal writing, lesson planning, writing SOAP notes, report writing, progress monitoring, and ethical conduct. Legislative, regulatory, and reimbursement issues that affect the practice of communication disorders in educational and medical settings will be presented. As part of this course, students will complete a series of intensive observations in various educational and medical settings. 3 credits; Lecture/Discussion format.

University College

MARY LOU DEROSA, MBA, VICE PROVOST FOR SPECIAL ACADEMIC PROGRAMS

University College brings Sacred Heart University's resources and programs to part-time students and to the community. It is also the college that develops and implements innovations in pedagogy, delivery and content.

University College administers Weekend University, the AHEAD (accelerated format) Terms, Summer Intersessions, Winter Intersession, English as a Second Language, the Center for Financial Education (CFE), Horizons Program and Upward Bound. The campus in Stamford is home to the CFE, part-time undergraduate studies, and graduate studies in Business and Education.

A major objective for the college is to maintain and expand its position as the regional leader in providing learning opportunities to 21st century students. This is accomplished by stressing teaching, student service and access, responsiveness to emerging educational needs and Sacred Heart University's mission and values. University College develops, markets and delivers certificate and degree programs. It is responsive to the education needs of business, social service, professional and governmental organizations.

ADMISSIONS PROCESS FOR PART-TIME STUDY

All part-time undergraduate day, evening, weekend, visiting, and summer /winter intersession students are admitted through University College. Students seeking admission to University College do not need prior college experience to begin their studies and standardized tests are not required.

All applicants for admission through University College must submit a high school transcript or equivalent. Students who have an Associate's degree must provide an official transcript with notation of degree. An official transcript must be received and evaluated before acceptance can be complete. After receiving acceptance into a degree program, the student will review the individualized plan of study with an advisor.

All admissions requirements must be fulfilled prior to being awarded financial assistance. A prospective student may be issued an "in-process status" and may register for classes.

All students must be in compliance with state law before registering. For Information regarding immunization requirements, contact the University's Health Services Office at 203-371-7838 or visit the Health services website: www.sacredheart.edu/pages/1322_health_services.cfm.

New students should follow these steps:

For all non-native English speakers, an official English language proficiency examination is required. The following minimum scores are accepted:

- TOEFL PBT: 570
- TOEFL iBTL: 92
- IELTS: 6.5
- MELAB: 80 (proctored on-site at SHU)
- PTE: 62
- iTEP: 5
- Cambridge Certificate in Advanced English (CAE): 5.5
- Cambridge Certificate in Proficiency in English (CPE): 5.5

Correspondence should be directed to:

University College
Sacred Heart University
5151 Park Avenue

Fairfield, CT 06825-1000
 Phone: 203-371-7830
 Fax: 203-365-7500
www.sacredheart.edu/uc.cfm

First-Time Students

- Schedule an appointment to meet with an academic advisor.
- Complete an application form and submit with the non-refundable application fee. The application form is available online at www.sacredheart.edu/pages/17291_apply_or_inquire.cfm
- Submit a copy of your high school transcript or GED
- You may register with an advisor's signature as an in-process student prior to our receipt of your application requirements.

Transfer Students

- Fax an unofficial copy of your college transcript(s) to University College at 203-365-7500. The advisor will do a preliminary evaluation of all transfer credits prior to your appointment if possible.
- Schedule an appointment with a University College advisor.
- Complete an application form and submit with a non-refundable application fee. The application form is available online at www.sacredheart.edu/pages/17291_apply_or_inquire.cfm
- You may register with an advisor's signature as an in-process student prior to receipt of your application requirements.
- An official transcript must be received and evaluated before acceptance can be complete.

Visiting Students

- Confirm with your college that they will accept Sacred Heart University credits.
- Visiting students are required to have completed all prerequisites.
- Contact University College regarding class availability.
- Complete the online Visiting Student Form.
- Bring your registration form to University College or fax it to 203-365-7500. There is a non-refundable registration fee per semester.

Registration is ongoing.

SPECIALIZED SERVICES AND PROGRAMS OF UNIVERSITY COLLEGE

Academic Services

Academic Services are designed to assist part-time students in establishing and achieving educational goals. Services include pre-admission and new student advisement, degree planning information, academic support and referral. Academic support assistance includes, major options and declaration, early and mid-term assessment indicators, course selection and registration. As a Yellow Ribbon school, University College provides special support services and advisement for veterans: www.sacredheart.edu/UCMilitary.cfm.

The Jandrisevits Learning Center provides academic support to all SHU students with special focus on math, writing, study skills and some content areas. Through a variety of teaching modalities such as tutoring, the CLA (Classroom Learning Assistants) program and workshops, the JLC empowers students with concrete learning strategies to promote self-directed learning.

Prior Learning Assessment

Recognizing that higher education also occurs outside the classroom, the University awards academic credit to students for what they have learned through life and/or work experience in very exceptional circumstances. This experience can be the result of self-education, professional certification, in-service training programs, volunteer work or management work.

To apply for credit, the student must be enrolled at the University in the semester in which the portfolio is submitted. Credit is awarded only for experience that parallels the University's courses and programs. This credit can be used in the core curriculum, in the major or as free electives, as long as the student completes at least 30 credit hours in the classroom, with one-half of the major taken in the classroom at Sacred Heart University. No more than 60 credits can be awarded for prior learning and CLEP, DANTES and EXCELSIOR combined. This credit is not awarded in areas where National Testing Programs are applicable.

A detailed portfolio is required as part of the Prior Learning Assessment process. The portfolio should include a brief work resume, a detailed description of the individual's experience tailored to particular courses offered by the University and supporting documentation. Supporting documentation may include certificates, awards, letters of recommendation, job descriptions and samples of work. The requirements for the portfolio may differ between academic departments.

The portfolio and application form are submitted to University College, along with the application fee. The portfolio is referred to the appropriate faculty for a determination of any credit award. Some academic departments review the portfolio as a committee, while other departments prefer to test the student in the particular subject matter.

After the faculty committee has evaluated the portfolio, it is then reviewed by the department chairperson. A letter of award is prepared.

For additional information on the Prior Learning Assessment program,, contact University College at 203-371-7830.

College Credit by Examination—National Testing Programs

EXCELSIOR, CLEP AND DANTES

These are national programs awarding college credit by examination.

The University awards credit for CLEP, DANTES, and certain EXCELSIOR exams. CLEP exams are administered at the Stamford campus. College credit is awarded when a student successfully passes an exam with a score of at least 50. Credit is awarded only in areas where the student does not have prior credit applied toward a degree.

Students may not take exams in a graduating semester.

Sacred Heart University offers the Nursing student the opportunity to take EXCELSIOR exams in Anatomy and Physiology I and II, and the National League for Nursing (NLN) challenge exam in Microbiology. For additional information concerning these exams, contact the Nursing Programs Office at 203-371-7715.

Career Counseling Services

Professional staff members work with students to assess abilities and interests in order to formulate a potential study plan. Emphasis is on planning for life. Services are offered to identify and establish career goals, address current career issues and research new options. In-depth career consultation, testing, résumé writing and employment

search assistance are available on an appointment basis.

English as a Second Language (ESL)

The English Language Institute offers high quality English Language instruction to non-native speakers of English. The Institute is an integral part of Sacred Heart University, where our students can participate in campus activities and events as well as meeting other students.

The ESL professors for all programs have earned their Masters Degree and have many years of quality experience in the field of Adult ESL instruction for academic purposes.

These programs are designed for students who are 17 and older. All new students are required to take a placement test. Six 7-week semesters per year with flexible enrollment schedules are offered. International students can apply for their student visa when enrolled in the intensive or semi-intensive programs.

The attendance policy is enforced. Students are expected to submit homework assignments, attend language lab and participate fully in class. Classes are small in size (5 to 12 students) in order to ensure a successful educative experience for all students. Individual tutoring and conversation partners are available to all full time students.

Students will receive a conditional acceptance to our undergraduate and graduate programs while attending the English Language Institute. The ESL program is designed for students whose native language is not English and who wish to study English either full or part-time (in compliance with their visa as applicable). The program is designed to help students improve their oral and written communication skills in English, preparing

them for successful study in an American academic institution.

Full-time ESL students take a cluster of oral communication, written communication, pronunciation, and service learning.

Placement in the noncredit ESL Programs is determined by the University College English Placement Test, SAT scores, TOEFL, an oral interview, and the student's language profile. For more information regarding the program, contact the Director at 203-365-7528. SHU offers full-time ESL courses all year round, including summer. Courses are offered morning, evening and weekends. Please see our website for further information: www.sacredheart.edu/sheli.cfm. Students who successfully complete their ESL classes at the Sacred Heart English Language Institute are not required to take another proficiency test to enroll in other degree programs at Sacred Heart University. Admission to the English Language Institute does not guarantee admission to the University. Our academic advisers will assist you in working toward a university degree.

Financial Assistance Services

The Office of Student Financial Assistance counsels part-time students regarding all of the options available to meet the cost of education. To be awarded financial aid, part-time students must be officially accepted and matriculated into a degree granting program. By combining grant money, government guaranteed loans, low fixed-interest loans, deferred payment plans, employer reimbursement opportunities, Veterans Administration eligibility programs, a plan will be designed for the specific requirements of each student.

CURRICULAR FORMATS IN UNIVERSITY COLLEGE

University College allows students to pursue undergraduate study in a variety of formats. Classes are offered at Sacred Heart University campuses in Fairfield and Stamford. Students can elect from the following choices:

Accelerated Classes

Traditional collegiate study terms run anywhere from 15 to 18 weeks. Depending on the course, students can choose 5 1/2- or 7 1/2-week terms, with class meetings either once or twice per week, intensive sessions of varying lengths, or a weekend schedule. University College offers a variety of options for term formats.

AHEAD Classes (Adults in Higher Education Working for Accelerated Degrees)

AHEAD is an accelerated scheduling format. The core curriculum is the same for all University majors; AHEAD courses are available to all part-time students. AHEAD terms provide non-traditional students the unique opportunity to complete an Associate or Baccalaureate degree program of study in an accelerated format. It consists of four terms per year. Each term is seven and one-half weeks in duration. Classes meet two nights per week for 2 hours and 15 minutes per night, or one night per week for 4 hours and 15 minutes.

Online Learning

Sacred Heart University offers on-line and blended courses through Blackboard. Blackboard is the standard university Web-based courseware that enables faculty to

deliver courses totally or partially online and to supplement a course with on-line material. Students must activate their Sacred Heart University network account and be registered for the course to have access to Blackboard course material and on-line applications.

Courses require that students work independently and interdependently with their instructor and with fellow students. A commitment to do this is required of the students in order to sustain their participation. Participants must maintain their own access to the Internet, with e-mail capability and have Microsoft Word or compatible word processing software.

Guided Independent Learning

University College advises qualified students regarding the option to engage in advanced or specialized independent study in a given academic area. Faculty members guide students through all phases.

Traditional Semester Study

Part-time students who prefer standard course presentation and time intervals can elect to tailor their programs in the traditional format, both during the day, evening, and online. Many students take courses in a variety of formats, depending on subject, content and degree of difficulty.

Weekend University

The Weekend University offers University curriculum courses that facilitate the pursuit of a degree. There are two consecutive sessions available during each semester.

Winter Intercession and Summer Sessions

Part-time students may take only one course during the Late Spring session and two courses during each of the summer sessions (Summer 1 session and Summer 2 session).

Students are ordinarily limited to one course during each Winter Session.

Pre-College Summer Program

Qualified rising high school juniors and seniors may take one freshman level course from our Pre-College course offerings and earn 3 credits toward their college degree. Course offerings may vary each summer. Contact 203-371-7942 for more information.

Taste of College–Lifelong Learner

Adults 62 years of age or older interested in lifelong learning may take college courses on a seat-available basis. Adults may take college courses at a reduced tuition per course. Selected course offerings vary each semester. Interested adults should contact 203-371-7830 for more information.

THE CENTER FOR FINANCIAL EDUCATION

The Center for Financial Education was established on the Stamford Campus of Sacred Heart University to offer greater Fairfield County opportunities for continuing education in the financial services area. The center assists the university in carrying out the mission of being “able to respond to an ever-changing world” and “combining education for life with preparation for professional excellence.”

Admission to the Financial Planning Certificate program is open to individuals

with a baccalaureate degree in any discipline. Transfers from other board-approved programs are also welcome.

Offerings include:

- The Financial Planning Certificate Program
- Series 7 Prep
- Paralegal Certificate Course
- Advanced Paralegal Certificate Course

PROFESSIONAL STUDIES

The Professional Studies Degree serves as a career advancement step for professionals looking to obtain a Bachelor's degree. Building on the University's core curriculum and the required Professional Studies major core, students will have the opportunity to pursue individual interests through a constellation of electives and a choice of three designated tracks. This degree serves to support student's interest in assuming leadership roles within their organizations.

- Leadership Track
- Geriatric Health and Wellness Track
- Eco-Awareness and Sustainability Track

The degree is designed for current University undergraduate students who are seeking an interdisciplinary education, transfer students who wish to pursue degree completion, professionals holding an Associate's degree and seeking career advancement and community college graduates who are interested in furthering their careers by expanding their knowledge in the interdisciplinary areas of communication, technology and management.

Program Structure

In addition to core requirements, students are required to fulfill 9 credits in each of three disciplines, Computer Science,

Communications and Business for a total of 27 credits. A minimum of 15 credits is required in one of the tracks. There are a minimum of 120 credits required for the Bachelor Degree with no more than 27 credits in total from the John F. Welch College of Business

GENERAL STUDIES

The General Studies program was developed specifically for students interested in custom-designing their own multidisciplinary curriculum. It allows students to investigate areas of study that best serve their life and/or work situation. Students select courses from either one or two broad areas of study. With the help of a faculty advisor, a cohesive plan of study, which culminates in a project to synthesize the learning experience, is designed. Classes may be taken in any number of formats.

Program Structure

Students select 36 major credits from either one or two broad areas of study plus a capstone project (3 credits). The broad areas of study are:

- Arts and Humanities
- Natural Science, Numerical and Symbolic Reasoning
- Professional Studies
- Social Science

A capstone project course is required at the end of the program to synthesize learning. In developing the General Studies major, students, with the help of a faculty advisor, formulate a comprehensive plan of study thus ensuring the pursuit of a meaningful program.

Qualifications for Admission

Admission to the General Studies program

is open to individuals with a high school diploma or its equivalent. Students who already have transfer credits are also welcome. Credit through CLEP, DANTES and EXCELSIOR exams and through the Assessment of Prior Learning Program is also available.

ASSOCIATE OF ARTS AND ASSOCIATE OF SCIENCE DEGREE PROGRAMS

Associate Degrees are offered for students whose needs are best met by this degree or for students who may seek to further their education at a later time with a baccalaureate degree. The Associate degree programs fall in two general categories: Associate of Arts (AA) in General Studies degree, with specialties in 19 different fields, and career-based Associate of Science (AS) degrees in one field. In addition to the specialty courses, each program has its foundation within a liberal arts base.

Associate of Arts Degree - General Studies Program

All Associate of Arts degrees are offered by University College. The candidate for the AA degree in General Studies must complete 60 credits, which include the AA Core Curriculum as well as an emphasis of not less than 15 credit hours and elective courses chosen in consultation with the student's advisor. A minimum of 30 of these credits must be taken at Sacred Heart University, and a minimum cumulative GPA of 2.0 is required.

CORE CURRICULUM

The Core Curriculum for the AA degree provides the student with the opportunity to experience other disciplines, obtain a background for further study, and gain the

knowledge to become a knowledgeable and educated human being.

Foundational Core

FY XX 125 First Year Seminar, FLO 125 The Art of Thinking, and College Math. Effective 7/1/08, MA 006 will no longer count toward any degree, MA 101 or above unless otherwise specified; Many Business College programs require MA 133 (Statistics)

*A grade of C or better is required.

Common Core: The Human Journey

Sacred Heart University's academic signature centerpiece, The Human Journey, is a coherent, integrated, and multidisciplinary study of the liberal arts and sciences and the Catholic Intellectual Tradition. See description of the Common Core: The Human Journey courses listed previously in this chapter.

Elective Core

To accomplish the elective core, students will complete the following: Humanities (3 credits), Social and Behavioral Sciences (3 credits), Natural Sciences (3 credits), Religious Studies/Philosophy (3 credits).

Emphasis

Credits range from 15-32, depending on the emphasis. Note: The required courses for each emphasis are listed under each college and department section. A grade of C or better is required in all emphasis courses. Area discipline courses cannot be used in above core areas. Areas of emphasis with required courses are:

Associate of Arts Degree

Biology

Business Administration

Chemistry

Communication and Media Studies

English

French

Graphic Design and Visual Arts

History

Italian

Mathematics

Music

Philosophy

Political Science

Psychology

Religious Studies

Sociology

Spanish

Associate of Sciences Degree

Computer Science

Information Technology

CREDIT CERTIFICATE PROGRAMS

Sacred Heart University offers credit certificate programs as a short-term goal and as a way to enhance students' knowledge and skills in a particular area, by providing specialized in-depth instruction. Credits earned can be later applied to an associate or baccalaureate degree program.

Programs in Arts and Sciences include:

- Catholic Studies
- Catholic Theological Studies
- Computer Science and Information Technology
- Computer Gaming, Design, and Development
- Interdisciplinary Certificate Program in Interactive Design

**Programs in the John F. Welch
College of Business include:**

- Accounting

**Programs in the College of Health
Professions include:**

- Geriatric Health and Wellness

PROCEDURES FOR INDIVIDUALS CLAIMING UNLAWFUL DISCRIMINATION OR HARASSMENT

Claims of harassment or discrimination are: (1) claims of violation of the University's nondiscrimination policy, and (2) claims of violations of the University policy in opposition to harassment.

The following complaint procedure has been established to ensure prompt and effective investigation into allegations of discrimination including harassment, under Title VI, Title IX, Section 504 of the Rehabilitation Act and the Age Discrimination Act.

An individual who believes that she/he has been discriminated against, including being harassed, may report the situation to the Executive Director of Human Resources who serves as the primary University officer responsible for such matters. In the absence of the Executive Director or if the complaint is against the Executive Director, the report may be to the Vice President of Human Resources or any Vice President of the University. Reports/complaints are to be filed within ninety (90) calendar days after the conduct complained of occurred or within the time the person reasonably becomes aware of the conduct. (Note: this filing period may be extended for good cause.)

The report can be written or oral and should consist of the following:

- the specific conduct objected to,
 - the date(s) and time(s) such conduct took place,
 - the name(s) of the alleged harasser(s) or person(s) believed to be discriminating against them,
 - the location(s) where the conduct occurred,
 - the name(s) of any witness(es)
 - action sought to remedy the situation,
- and any other details or information requested by the Executive Director or her/his designee.
 - In addition, the person should provide any documentation (emails, notes, pictures, etc.) or other information in support of the allegation of discrimination or harassment.

Informal Procedure

Any individual who believes that she/he has been unlawfully harassed or discriminated against may, if she/he chooses to, attempt to resolve the situation through a discussion with the other party. If that is not practical, the individual should consult with the Executive Director of Human Resources who serves as the officer responsible for such complaints, or her/his designee. The purpose of this consultation is multi-fold. The Executive Director or her/his designee will provide information and assistance to help the individual assess whether or not the behavior is harassing or discriminatory, will explain the University's grievance procedure and provide guidance regarding the investigative procedure. There is no requirement that an informal resolution must be attempted by the complainant.

The individual may also request the Executive Director or her/his designee to attempt to facilitate a resolution of the grievance informally after investigating the matter. If the individual desires an informal resolution, the Executive Director or her/his designee will attempt to provide an informal resolution within twenty (20) working days of the receipt of the request.

Investigation of Complaints

Upon receipt of a complaint or report a prompt investigation will take place in a confidential manner so as to disclose information only to those who have a need to know or those who may have pertinent information. The respondent and witnesses will be interviewed. Disclosure of the

complainant's name will be made if in the judgment of the investigator it is necessary to the investigation. The investigation will be kept as confidential as possible without compromising the investigation.

The Executive Director or her/his designee (investigator) will determine whether there is a reasonable basis for the complaint.

At the conclusion of this stage of the investigation the investigator will report her/his conclusions to the complainant in writing with the resolution of the complaint. The investigation should be completed within thirty (30) working days of the complaint filing unless extended for reasonable cause.

The investigation may be delayed during the period of an attempted informal resolution should the Complainant desire it.

If it is determined that discrimination or harassment has occurred, the University will take action to stop the violation, prevent a reoccurrence and correct any discriminatory effect. Such action may include counseling, warning, disciplinary action, termination of employment, or expulsion.

A confidential record of the proceedings will be maintained in a private file in the office of the investigator.

If a complainant is dissatisfied with the resolution because the investigation was not conducted as described above or due to the discovery of evidence not reasonably available during the investigation, she/he may request a review by the Vice President of the University division within which the discrimination was claimed to have occurred. If the complaint involves that Vice President the President of the University or his/her designee shall conduct the review.

The request for review must be made within ten (10) working days of the notice of the result of the investigation. The review by the Vice President must be completed within thirty (30) working days and submitted in writing either sustaining the investigation

result or reopening the investigation for further consideration if the investigation was not conducted as described above or due to the discovery of evidence not reasonably available during the investigation. The decision on the review shall be final.

State and Federal Rights

The complainant may at any time file a complaint with the Department of Education, Office for Civil Rights, or other applicable federal or state agency for the enforcement of federal or state laws within the jurisdiction of such agency.

Time Lines

Working days are days when the administrative offices of the University are regularly open for business; weekends, holidays, snow days and days the University is closed shall not be counted as working days.

Personnel

EXECUTIVE DIRECTOR OF HUMAN RESOURCES

Ms. Julia Nofri, 203-365-4837
Coordinator for Section 504 of the Rehabilitation Act, Title VI, Title IX and the Age Discrimination Act

PROVOST/VICE PRESIDENT FOR ACADEMIC AFFAIRS

Dr. Laura Niesen De Abruna, 203-371-7910

SR. VICE PRESIDENT FOR FINANCE & ADMINISTRATION

Michael J. Kinney, 203-371-7872

VICE PRESIDENT FOR ENROLLMENT PLANNING & STUDENT AFFAIRS

James Barquinero, 203-365-4763

VICE PRESIDENT FOR UNIVERSITY ADVANCEMENT

Megan Rock, 203-396-8086

**VICE PRESIDENT FOR MARKETING AND
COMMUNICATIONS**

Michael Iannazzi, 203-371-7899

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Robert Hardy, 203-365-7676

VICE PRESIDENT FOR FINANCE

Philip McCabe, 203-371-7934

**VICE PRESIDENT FOR INFO. TECHNOLOGY
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Michael Trimble, 203-365-7555

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Director of English Language Institute

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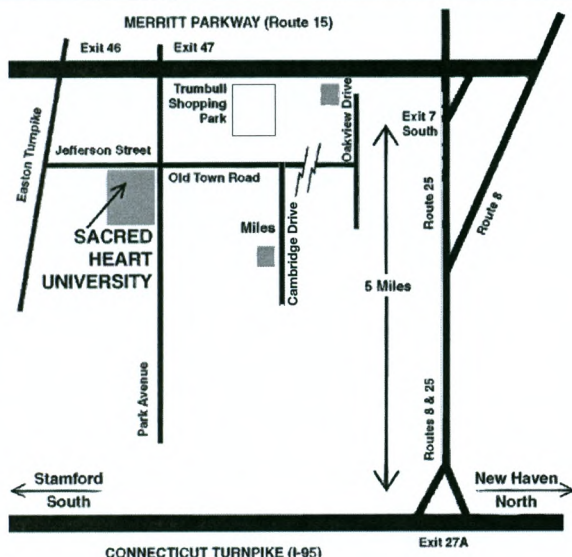
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5151 Park Avenue, Fairfield, CT 06825-1000

From Merritt Parkway (Route 15) NORTH OR SOUTH (passenger vehicles only).

Take Exit 47. At end of ramp turn left onto Park Avenue and proceed one block to Sacred Heart University. Entrance on Park Avenue.

From Connecticut Turnpike (I-95) NORTH OR SOUTH (passenger vehicles only)

Take Exit 27A. Continue straight ahead on combined Routes 8 and 25 to fork. Bear left onto Route 25. Take Exit 7, Merritt Parkway south, and follow directions above.

OAKVIEW CAMPUS

101 Oakview Drive, Trumbull, CT 06611

From Connecticut Turnpike (I-95) NORTH OR SOUTH (all vehicles)

Take Exit 27A (Route 25/8 Connector) and follow signs for Route 25 (bear left when the connector splits). Just after the split, get off at Exit 7. (Merritt Pkwy/Route 127 Trumbull). Bear right, following signs for Route 127 (White Plains Road). At the end of the exit ramp, turn left onto White Plains Road.**

From Merritt Parkway SOUTHBOUND (passenger vehicles only)

Take Exit 50 (Route 127/White Plains Road). At end of ramp bear right onto White Plains Road.**

**Stay in the left lane for about 1 mile on White Plains Road and turn left at the traffic light (fire station on the right) onto Reservoir Avenue. Follow Reservoir Avenue (go under Parkway bridge) and turn right onto Lindeman Drive. At the stop sign at the end of Lindeman Drive, turn right onto Oakview Drive. The road dead-ends. Sacred Heart University's driveway is on the left. Visitor parking is on the right.

From Merritt Parkway NORTHBOUND (passenger vehicles only)

Take Exit 48 (Main Street). At end of ramp turn right onto Main Street. At second traffic light, turn left onto Old Town Road. At third stop sign, turn left onto Oakview Drive (beginning of office park area). At top of hill, Oakview will dead-end. Turn left into Sacred Heart University's parking lot. Visitor parking is on the right.

STAMFORD CAMPUS

12 Omega Drive, Stamford, CT 06907

From Merritt Parkway (Route 15) NORTH OR SOUTH (passenger vehicles only)

Exit 36. Turn right. Go 2 miles; take a right at the light onto Camp Street. At the next light turn left onto Hope Street. Entrance to River Bend Park is on the left past the Springdale train station. Follow signs to first office building on right.

From Connecticut Turnpike (I-95) NORTH OR SOUTH (all vehicles)

Exit 9. Follow Route 106/Courtland Avenue to Glenbrook Road; turn left. At second light turn right onto Hope Street. Continue past United Wrecking and through next light to the second River Bend entrance, on right just before the Springdale train station. Follow signs to first building on right.

CAMBRIDGE CAMPUS

7 Cambridge Drive, Trumbull, CT 06611

From Merritt Parkway (Route 15) NORTH OR SOUTH (passenger vehicles only)

Exit 48. Take left from Southbound direction or right from Northbound onto Main Street (Route 111). Take left onto Old Town Road. At third stop sign, go straight on to Cambridge Drive. Proceed to first building on the left.



Sacred Heart UNIVERSITY

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