The University of St. Thomas offers the following graduate degree programs. Please contact the appropriate graduate school for information.

**Master of Business Administration (MBA)**

**Master of Science in Accounting (MSA)**

Dean, Cameron School of Business  
3800 Montrose Boulevard, Houston, Texas 77006-4626  
Telephone: 713-525-2100, cameron@stthom.edu

Associate Dean, Director of Graduate Business Programs  
Cameron School of Business  
3800 Montrose Boulevard, Houston, Texas 77006-4626  
Telephone: 713-525-2101, delcoun@stthom.edu

**Master of Education (MEd)**

Dean, School of Education  
3800 Montrose Boulevard, Houston, Texas 77006-4626  
Telephone: 713-525-3540

**Master of Art in Faith in Culture (MAFC)**

Director, Center for Faith and Culture  
3800 Montrose Boulevard, Houston, Texas 77006-4626  
Telephone: 713-942-5066, cfc@stthom.edu

**Master in Liberal Arts (MLA)**

Director, MLA Program  
3800 Montrose Boulevard, Houston, Texas 77006-4626  
Telephone: 713-525-6951, srinivas@stthom.edu

**Doctor of Philosophy (PhD)**

**Master of Arts in Philosophy (MA)**

Director, Center for Thomistic Studies  
3800 Montrose Boulevard, Houston, Texas 77006-4626  
Telephone: 713-525-3591, sommers@stthom.edu

**Master of Divinity (MDiv)**

**Master of Arts Theological Studies (MA)**

**Master of Arts in Pastoral Studies (MAPS)**

Dean, School of Theology  
9845 Memorial Drive, Houston, Texas 77024-3498  
Telephone: 713-686-4345, sms@stthom.edu
The University of St. Thomas is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the BA, BBA, BS, BTh, MA, MAPS, MBA, MDiv, MEd, MAFC, MIB, MLA, MSA, MSIS and PhD degrees.

Commission on Colleges of the Southern Association of Colleges and Schools
1866 Southern Lane
Decatur, GA 30033-4097
404-679-4500
www.sacscoc.org

Special Accreditations
Association of Theological Schools (School of Theology)
Association of Collegiate Business Schools and Programs (Cameron School of Business)
The Texas Education Agency for Teacher Certification (School of Education)
The Texas State Board of Examiners of Professional Counselors

Member of
Association of Catholic Colleges and Universities (ACCU)
Association of Graduate Liberal Studies Programs (AGLSP)
Council of Independent Colleges (CIC)
Council of Undergraduate Research (CUR)
Independent Colleges and Universities (ICUT)
Texas Independent College Fund (TICF)
American Association of Colleges for Teacher Education
The College Board
Council for Higher Education Accreditation
Eduse
Hispanic Association of Colleges and Universities
International Council of Universities of St. Thomas Aquinas
National Association of Intercollegiate Athletics
National Association of Financial Aid Administrators
Texas Independent College Fund
Greater Houston Partnership
National Association of College and University Business Officers.

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GENERAL EDITOR
Dr. Jerry Kramer, Writing Program Administrator

ASSOCIATE EDITOR
Ms. Alexis Scates, Catalog Project Manager

ASSOCIATE EDITOR
Ms. Sara Laidlaw, Director of Academic Advising

ASSOCIATE EDITOR
Ms. Emily Borling

PUBLICATION DESIGN
Mr. Christopher Zeglin, Publications Designer
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The University of St. Thomas makes every effort to include in the Undergraduate Catalog accurate and current information on policies, programs and courses. However, the University reserves the right to make changes considered expedient for its general well-being or that of any of its constituencies. Furthermore, the provisions of the Undergraduate Catalog do not constitute an irrevocable contract between any student and the University, and all provisions of the Undergraduate Catalog remain subject to revision at any time for any reason and without prior notice.

The Undergraduate Catalog is primarily an online document, thus allowing changes to be made in the online catalog between printings. Consult the catalog at www.stthom.edu
THE UNIVERSITY

MISSION STATEMENT

We are the University of St. Thomas, the Catholic university in the heart of Houston. We are committed to the Catholic intellectual tradition and the dialogue between faith and reason. By pursuing excellence in teaching, scholarship, and service, we embody and instill in our students the core values of our founders, the Basilian Fathers: goodness, discipline, and knowledge.

We foster engagement in a diverse, collaborative community. As a comprehensive university grounded in the liberal arts, we educate students to think critically, communicate effectively, succeed professionally, and lead ethically.

Approved by the Board of Directors, January 19, 2005

VISION STATEMENT

We have decided that within 25 years we will become one of the great Catholic universities in America.

STRATEGIC INITIATIVES

Our vision of building a great Catholic university for the future entails making a firm commitment in the present. Over the next five years we will lay the foundation of our vision by focusing on four strategic initiatives that will guide all our activity. We will therefore:

1. Assert our identity, academic brand, and image as a Catholic university imbued with the Basilian tradition.
2. Strengthen the academic excellence of our faculty and students and the quality of a UST education.
3. Build a more engaged campus community as we increase enrollment.
4. Invigorate and expand our relationships with alumni, external stakeholders, and the community.
The University of St. Thomas admitted its first freshman class, 40 men and women, on September 22, 1947. Of the ten faculty members, four were members of the Basilian Fathers, to whom the work of founding and operating the University had been entrusted. The Basilians, a congregation founded in France in 1822, had been working in the Diocese of Galveston-Houston since 1900, when they established the College of St. Thomas, now St. Thomas High School.

Bishop Christopher E. Byrne of Galveston-Houston had long hoped that a Catholic university might be established in his diocese, and in May of 1945 he announced that such an institution was about to become a reality. For that purpose the T.P. Lee mansion, located in the 3800 block of Montrose Boulevard, was purchased as a home for the new University, to which a science building and classrooms were soon added. From here a series of non-credit courses was taught from November 1946 until Easter 1947 to introduce students to what would be the University of St. Thomas.

With experience that was both practical and theoretical, the Basilian Fathers, led by Father Vincent J. Guinan, first president of the University, and Father Wilfrid Dwyer, vice president, shaped the initial curriculum. Influenced by the writings of Cardinal John Henry Newman as well as by their Basilian experience in Canada at St. Michael’s College, the Pontifical Institute of Mediaeval Studies and Assumption College, they determined that all students should pursue a broad program in liberal studies intended to serve as a solid basis upon which to build their lives and their careers in the community.

As a Catholic institution of higher learning, the University of St. Thomas is inspired by the teaching of Pope John Paul II’s apostolic constitution Ex Corde Ecclesiae, and abides by the application norms prescribed by the American Bishops. Because of the University’s institutional commitment to the Church, “Catholic ideals, attitudes and principles penetrate and inform its activities in accordance with the proper nature and autonomy of these activities,” (Ex Corde Ecclesiae, 14). In its teachings and research, the University of St. Thomas is dedicated to the cause of truth and fosters the integration of knowledge, the dialogue between faith and culture, the ethical and moral implications of learning and the unique orientation to all study given by theology.

**BASILIAN TRADITION**

The Basilians at the University of St. Thomas, by their spirituality, philosophy of education and esprit de corps, promote a lively sense of the University’s mission as a Catholic institution. Among the distinctive characteristics of the Basilian approach to higher education are:

- recognition of the continuing significance of the Catholic intellectual tradition in shaping Western civilization;
- commitment to an integral Christian humanism that embraces the liberal arts as well as all other areas of knowledge;
- fidelity to the authoritative teaching of the Church;
- respect for the contribution of St. Thomas Aquinas to the Church’s intellectual life, especially to philosophy;
- healthy respect for the life of the mind, a passion for the discovery of truth in every area and a conviction that faith must begin and end in a knowledge that bears fruit in love; deep appreciation of human dignity that calls for the
education of the whole person: physically, intellectually, morally, socially and spiritually;

• close association with and availability to students;
• genuine concern to assist students who are economically or otherwise disadvantaged;
• willingness to provide counseling and pastoral care, especially through sacramental celebration;
• collaborative spirit that gratefully recognizes that the University is a common intellectual venture of students, faculty, staff and administration as well as other supporters and friends;
• trust in God’s grace and a willingness to carry out whatever labors are required for the good of the University without seeking recognition.

In all their endeavors, the Basilian Fathers seek to enrich the University of St. Thomas with their presence, their talents and their prayer.

COMMITMENT TO FACULTY EXCELLENCE

Pursuing excellence in teaching, scholarship and service is a hallmark of the University of St. Thomas. In keeping with this commitment, the Center for Faculty Excellence was established. The mission of the Center is to provide faculty with resources and services that foster and support their success in teaching, research and service throughout all stages of their careers. The directors and participants of the Center for Faculty Excellence seek to develop a community of teachers and scholars to work collaboratively with all sectors of the University to accomplish that mission. Activities of the Center include conducting new faculty orientation, supporting faculty development workshops, facilitating faculty study days, hosting forums for the discussion of teaching practices, and providing support for individual members of the faculty.

UNIVERSITY SEAL

The colors of the University of St. Thomas are red and gold. On the seal, the golden cross of our faith symbolizes the divinity of Christ the King, while the background of red is for the humanity of Christ.

The dove and rayonnant sun in the first quarter are symbols of St. Thomas Aquinas. In the second quarter, the star is for the “Lone Star State” and for the Mother of Christ under the title “Star of the Sea.” The hyacinth in the third quarter reminds us of San Jacinto, the river and battlefield near Houston where Texas won its independence. The second dove in the last quarter is the symbol of St. Basil, patron of the Basilian Fathers, who founded the University of St. Thomas.

Thereby, on the shield, St. Thomas and St. Basil, Doctors of the Western and Eastern churches, respectively, represent the universality of the Church. The motto, “Crescamus in Christo,” reminds us that as we advance in knowledge and wisdom, we should also grow in love and service of Christ.
SESSIONS CALENDAR

2011-2012 Academic Year

FALL FACULTY STUDY DAY  AUGUST 15
FALL FIRST DAY OF CLASS  AUGUST 22
FALL BREAK  OCTOBER 10 & 11
THANKSGIVING BREAK  NOVEMBER 23-26
FALL CLASSES END  DECEMBER 5
FALL STUDY DAY  DECEMBER 6
FALL FINAL EXAMS  DECEMBER 7-13
FALL GRADES DUE BY MIDNIGHT  DECEMBER 18
SPRING FACULTY STUDY DAY  JANUARY 10
SPRING FIRST DAY OF CLASS  JANUARY 12
SPRING BREAK  MARCH 12 -17
EASTER BREAK  APRIL 5-7
SPRING CLASSES END  APRIL 30
SPRING STUDY DAY  MAY 1, 2
SPRING FINAL EXAMS  MAY 3-10
BACCALAUREATE MASS  MAY 11
COMMENCEMENT  MAY 12
SPRING GRADES DUE BY MIDNIGHT  MAY 16
SUMMER CLASSES START  MAY 29
SUMMER CLASSES END  AUGUST 8
**CONTACT INFORMATION**

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Entering the University
The Office of Admissions responds to all requests for information on undergraduate programs and is responsible for the admission of all new undergraduates as well as for the readmission of former students. The Office of Admissions recommends campus tours and class visits to prospective students as a way to experience the academic, spiritual and physical characteristics of the University. Tours and visits may be easily arranged by contacting the Office of Admissions at 713-525-3500 or (toll-free) 1-800-856-8565 or via email at admissions@stthom.edu. or online at www.stthom.edu/admissions.

REQUIREMENTS FOR ALL DEGREE-SEEKING APPLICANTS

1. A completed, signed application for admission;
2. Payment of a nonrefundable application fee of $25 or signed College Board Fee Waiver form.

REQUIREMENTS FOR FRESHMAN APPLICANTS

1. An official transcript of high school work, home school program or an official copy of a GED certificate.
2. Standardized test scores for either the SAT or ACT (UST school code for SAT is 6880 and for ACT is 4238). Applicants are required to take the new SAT, which contains an essay component. Any student submitting a valid ACT score will also be required to take the writing component of the new ACT.
3. If applicable, a personal statement from the applicant may be requested by the admissions committee.

ACADEMIC CREDENTIALS REQUIRED FOR ADMISSIONS AS A FRESHMAN

1. Graduation from an accredited secondary school, home school program or successful completion of the GED.
2. Competitive grades (minimum high school GPA of 2.80 on a 4.0 scale) in a minimum of 18 college preparatory high school units*, including:
   a. Four units of English
   b. Three units of social science, including one unit of history
   c. Three units of mathematics (algebra, geometry, trigonometry, or calculus)
   d. Three units of science, including two units of laboratory science
   e. Two units of the same classical or modern language other than English
   f. Three units of electives in college preparatory classes
3. Competitive official SAT or ACT scores
4. Proof of English language proficiency may be required of some international applicants.
5. Competitive class rank if high school attended ranks graduates.
6. If appropriate, an official transcript of home school coursework. Home schooled students may also need to submit course descriptions, reading lists, or other information if requested.

*1 unit equals 1 year or 2 semesters
ADDITIONAL REQUIREMENTS FOR TRANSFER APPLICANTS

1. An official transcript from every institution of higher education attended.
2. For transfer applicants with fewer than 24 semester hours of earned college credits, an official high school transcript and scores from either the SAT or ACT if applicant has graduated from high school within the past five years.
3. A cumulative grade point average of 2.5 on a 4.0 scale or higher for all college work completed.
4. Applicants with 24 or more transferable academic hours will be evaluated solely on their college work, evidenced by final official transcripts from every institution of higher education attended. Applicants with fewer than 24 transferable academic hours will be considered on the same basis as freshman applicants except that they must submit a final official transcript from every institution of higher education attended to complete their application.
5. Transfer applicants must be eligible to return to the last institution attended.
6. Unless they have earned an Associate Degree, transfer students with fewer than 63 credits who seek financial aid may be required to provide an official high school transcript to establish eligibility for federal financial aid programs.

READMISSION OF INACTIVE STUDENTS

Students previously enrolled full-time or part-time will be moved to “inactive” status if they are not in attendance after the add/drop date in any regular (fall/spring) term. Any students who have had inactive status for four (4) consecutive (fall/spring) terms will have their enrollment discontinued.

1. Students who have inactive status and are in good standing and have not attended another institution will be required to complete an abbreviated readmission process. The abbreviated application is available from the Office of Admissions. No application fee will be charged for readmission.
2. Students who have inactive status who have attended another regionally accredited institution will be required to complete the full admissions application process and submit official transcripts from every regionally accredited institution they have attended since leaving UST. Failure to do so will be considered falsification of records. No credit will be granted for coursework completed at other institutions while the student was inactive at UST unless the student received prior approval to do so or completed the formal withdrawal process.

ACCEPTANCE OF TRANSFER CREDITS FROM INACTIVE STUDENTS

Inactive students are considered to be enrolled until they formally withdraw. The current policy regarding acceptance of transfer of credit for enrolled students applies to inactive students. No credits will be accepted without prior approval or the student has officially withdrawn from the University. Only the Academic Committee can grant exceptions and only for documented unavoidable emergencies.
READMISSION OF DISCONTINUED STUDENTS

Students on inactive status for four consecutive regular (fall/spring) terms will have their enrollment discontinued. Students on discontinued status will be required to complete the full admission application process and pay the $25 application fee. Discontinued students who have attended another regionally accredited institution will be evaluated as transfer students.

Dismissed students will not be considered for readmission until one year has elapsed from the time of dismissal.

ADMISSION OF VISITING STUDENTS

Visiting students are those who wish to take courses for credit but are not seeking a University degree. Visiting status is granted for one semester. Those applying for this status must provide a transcript verifying that they meet admission requirements and are in good academic standing at the last institution attended. Visiting students may take a maximum of 15 credit hours, after which they will be required to apply for admission to the University. Applications for continuing visiting students who wish to change their status to degree-seeking will be considered prior to the start of the semester in which the status change will take effect.

Required for Admission Consideration:

1. Completed, signed application form
2. Payment of the non-refundable $25 application fee
3. An official transcript from the last institution attended, although transcripts from all institution may be necessary to meet requirements for course registration.

UST GRADUATE STUDENTS

CONCURRENT ENROLLMENT IN UNDERGRADUATE COURSES

University of St. Thomas graduate students who wish to apply for concurrent enrollment in undergraduate courses must contact the undergraduate Office of Admissions to indicate their intent and to verify that all required information is on file.

ADMISSION OF UNDERGRADUATE INTERNATIONAL STUDENTS

Applicants from countries other than the United States requiring a student visa (F1) will be considered for admission only as full-time students (minimum 12 credit hours per semester) and must be degree-seeking students at the University of St. Thomas.

The Office of Admissions and the Office of International Student Services coordinate the admission process for undergraduate international students. The Office of International Student Services is responsible for certifying each applicant’s compliance with United States immigration requirements.
**Required for Admission Consideration:**

1. Completed, signed University of St. Thomas application
2. Payment of a nonrefundable application fee of U.S. $25
3. If applicable, a personal statement from the applicant may be requested by the Admissions Committee. Official transcripts certifying completion of secondary and/or post-secondary (college/university) levels. All transcripts require translation and evaluation by an independent service accredited by the National Council on the Evaluation of Foreign Student Credentials (CEC). The University requires an equivalency evaluation of high school transcripts and course-by-course evaluation of university work.
4. Official Test score of English as a Foreign Language (TOEFL) (minimum paper-based score of 550 or computer-based score of 213 required) or ELS certificate of successful completion of Level 112 or placement out of Level 112 requirements or a score of 6.5 on the IELTS exam. TOEFL or equivalent is not ordinarily required of students from English-speaking countries. (The University school code is 6880.)

Applicants in the United States with a B-1 or B-2 (tourist visa) or J-1 or J-2 (exchange visitor visa) must see the Office of International Student Services prior to beginning the admission process.

**Immigration Requirements:**

1. International Student Information Form with passport-size photo;
2. Certification of financial responsibility in the form of a current bank letter written on bank letterhead, or in the form of a legally binding notarized affidavit of support from a sponsor. Documentation should be written in English, dated within the past six months, and indicated in U.S. dollars
3. Copy of passport

**Additional Requirements for Applicants in the U.S. with F-1 Visa (Student Visa):**

1. Foreign Student Advisor’s Report
2. Copy of current I-20 (front and back)
3. Copy of passport, to include visa made by an admissions representative
4. Copy of I-94 immigration card

Admitted international students must have adequate funds for all living expenses, including transportation to, from and within the United States. Students on F-1 visas have limited employment options. International students with F-1 visas are ineligible for scholarship or financial aid consideration.

All international students must have valid medical insurance while in the United States. This insurance must be obtained before enrollment in the University. If needed, it is available through the University’s Office of International Student Services at the time of registration.

Applicants requesting F-1 visas will be considered for admission only after meeting all the above requirements. Completion of this procedure does not imply or guarantee automatic acceptance into the University.
INTERNATIONAL TRANSFER STUDENTS

In addition to the materials listed above, international transfer students must submit transcripts of all college-level work. If colleges attended are outside the U.S., those documents must be evaluated (course-by-course analysis) by a recognized credential evaluation service.

ADMISSION OF VETERANS OR DEPENDENTS OF VETERANS

The University of St. Thomas is approved to offer eligible veterans and dependents of veterans the academic courses of study published in the University catalog and bulletins. Eligible students must apply for admission to the University following the procedures for their appropriate academic category.

The Director of Veteran Services will assist the eligible applicant in processing the documents pertaining to veteran educational benefits, including the initial application for benefits. Once admitted, continuing students who receive these benefits are required to contact the Office of Veteran Affairs each semester prior to or during the registration process. The veteran must also have the approval of the Office of Veteran Affairs when making changes to his/her approved courses during any semester of registration.

ADDITIONAL REQUIREMENTS FOR ADMITTED STUDENTS

Following acceptance, and prior to registration, students must submit:

1. Enrollment deposit: A $200 enrollment deposit is required for students planning to attend the University. The deposit will apply toward the first semester’s tuition. For students entering in the fall semester, the deposit, upon written request to the Director of Admissions, is refundable until May 1.

2. Housing Application: Students wishing to reside in campus housing are encouraged to submit an Application for Housing by contacting the Office of Residence Life at 713-525-3836.

3. Financial Aid Application: To be considered for financial aid a student should complete the FAFSA. Financial aid is not offered until admission to the University is granted.

ADMISSION TO SPECIAL SESSIONS

Applicants wishing to enroll in any of the University’s special sessions (study abroad programs, summer sessions, and the compressed track) must follow the formal application process as previously described under Application Procedures.

Applicants for visiting status (not seeking a degree) who are interested in being considered for summer session or study abroad only must complete the Application for Admission and submit a transcript from the last high school, college or university attended. Students who initially apply for these sessions as visiting students but later decide to become degree-seeking must contact the Office of Admissions in writing to request a change in status and complete the entire application process. Students admitted for regular sessions are automatically admitted to other sessions.
DUAL CREDIT COURSES FOR HIGH SCHOOL STUDENTS

Junior and Senior high school students have the opportunity to enroll in college-level coursework at UST. Students must have taken the PSAT, SAT or ACT test and have at least a 3.00 GPA on a 4.00 scale to qualify for enrollment in the program. Courses are available at the freshman and sophomore level in the fall, spring and summer. Students may take one or two courses during each summer session and one during each regular semester at 50% tuition. Current available courses are listed online at www.stthom.edu. Interested students should consult the Admissions Office 713-525-3500, or admissions@stthom.edu

TRANSFER OF CREDIT FOR TRANSFER STUDENTS

The University accepts in transfer baccalaureate-level credits from other regionally accredited colleges or universities. No course with a grade lower than “C” (2.0 GPA) is accepted for transfer. Transferred course work will not be calculated in determining the grade point average at UST.

No more than 90 transferred credit hours may be applied toward a degree from the University of St. Thomas. Students must take the last 36 credit hours in residence unless the Academic Committee grants an exception. The number of credit hours accepted in transfer from two-year colleges will not exceed 72.

Transfer guides are available from the Office of Admissions for Houston area two-year colleges. Credit hours will be considered as lower- or upper-division according to their level at the institution at which they were earned. Credit hours earned at two-year colleges will always be treated as lower-division credit hours.

The evaluation of transferable credits and courses is normally completed by the time of initial registration. Credit will be transferred only on the basis of official transcripts from the originating institution.

Transferable courses will not necessarily apply toward the completion of the requirements for a degree or major. As early as possible transfer students should develop a degree plan in consultation with their academic advisor or, for a second bachelor’s degree, appropriate department chair, to determine what requirements remain to be completed for the degree.

For more information on transferring to the University, contact the Office of Admissions at 713-525-3500.

Advanced Placement (AP), International Baccalaureate (IB), and College Level Examination Program (CLEP)

The University participates in the AP, IB, and CLEP programs.

The maximum number of credit hours the University will grant by examination is 30. Students are responsible for completing a Request for Credit by Examination Form in order to receive credit by examination. This form is available online at www.stthom.edu/registrar or in the Office of Academic Advising. For transfer students, the University may accept examination credit listed on other institutions’ transcripts. Credits accepted in this manner will count toward a student’s total transfer credits. Credit by examination will not satisfy the University’s residence requirement that a student must take the last 36 credit hours on campus.

Students wishing to obtain credit through the American Chemical Society (ACS) exam should contact the chair of the Chemistry Department.
## Advanced Placement (AP) Exam Scores

Lower Division (LD) refers to courses at the 1000 or 2000 level. Any test not listed will not be accepted for credit at UST. Students may not receive credit for both AP courses and for equivalent UST courses or transfer courses. Applicable scores for a particular exam are those in effect when they are received by UST. Please contact your school dean if you have any questions.

UST recognizes the value of the AP Program. However, you should be aware that there are times when it is in your best interest to take the UST course that corresponds to the AP credit instead of accepting the AP credit so as to be better prepared for the rigors of the subsequent courses in the sequence. Please consult with your academic advisor if you have any questions.

<table>
<thead>
<tr>
<th>AP Exam</th>
<th>Minimum AP Score Required</th>
<th>Credit Hours Awarded</th>
<th>Equivalent UST Course(s)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>4</td>
<td>3</td>
<td>ARTHS 1350</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>4</td>
<td>8</td>
<td>Science LD Core</td>
<td>1</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>4</td>
<td>4</td>
<td>Math LD Core</td>
<td>2</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>4</td>
<td>4</td>
<td>Math LD Core</td>
<td>2</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4</td>
<td>8</td>
<td>Science LD Core</td>
<td>2</td>
</tr>
<tr>
<td>Computer Science A</td>
<td>4</td>
<td>4</td>
<td>COMSC 1450</td>
<td></td>
</tr>
<tr>
<td>English Literature &amp; Composition</td>
<td>4</td>
<td>3</td>
<td>English LD Core</td>
<td>3</td>
</tr>
<tr>
<td>European History</td>
<td>4</td>
<td>3</td>
<td>HIST 1336</td>
<td>4</td>
</tr>
<tr>
<td>French Language</td>
<td>4</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>French Literature</td>
<td>5</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>German Language</td>
<td>4</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>German Literature</td>
<td>5</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>Government &amp; Politics: U. S.</td>
<td>4</td>
<td>3</td>
<td>POSC 2331</td>
<td></td>
</tr>
<tr>
<td>Human Geography</td>
<td>4</td>
<td>3</td>
<td>Geography LD Core</td>
<td></td>
</tr>
<tr>
<td>Italian Language &amp; Culture</td>
<td>4</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>Latin: Vergil</td>
<td>4</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>4</td>
<td>3</td>
<td>ECON 1331</td>
<td></td>
</tr>
<tr>
<td>Microeconomics</td>
<td>4</td>
<td>3</td>
<td>ECON 1332</td>
<td></td>
</tr>
<tr>
<td>Music Theory</td>
<td>3</td>
<td>3</td>
<td>MUSC 2362 or MUSC 2363</td>
<td></td>
</tr>
<tr>
<td>Physics B</td>
<td>4</td>
<td>8</td>
<td>Science LD Core</td>
<td>2</td>
</tr>
<tr>
<td>Physics C: Mechanics</td>
<td>4</td>
<td>8</td>
<td>Science LD Core</td>
<td>2</td>
</tr>
<tr>
<td>Psychology</td>
<td>4</td>
<td>3</td>
<td>PSYC 1332</td>
<td></td>
</tr>
<tr>
<td>Spanish Language</td>
<td>4</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>Spanish Literature</td>
<td>5</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>Statistics</td>
<td>4</td>
<td>3</td>
<td>PSYC 3433 or Math LD Core</td>
<td></td>
</tr>
<tr>
<td>U. S. History</td>
<td>4</td>
<td>6</td>
<td>HIST 2333 and HIST 2334</td>
<td>4</td>
</tr>
<tr>
<td>World History</td>
<td>4</td>
<td>3</td>
<td>HIST 1336</td>
<td>4</td>
</tr>
</tbody>
</table>
1. The examination does not fulfill the requirement for major or minor program credit in the discipline. Credit may not be used as a prerequisite for upper division courses in the discipline.
2. With permission, credit may be given for specific courses in the discipline. Please see the department chair.
3. Students receive 3 credits (lower division) for the core requirement and then complete the core sequence: ENGL 1341 and ENGL 1342.
4. History majors receiving AP credit must fulfill the required 36 credits of the major with other history courses.

International Baccalaureate (IB) Scores

Lower Division (LD) refers to courses at the 1000 or 2000 level. IB transcripts are typically received from the International Baccalaureate Organization (IBO) in August. Any IB proficiency credit earned is automatically posted to a student’s academic record. We accept authentic IB transcripts throughout the year. If you are expecting IB proficiency credit, please check your UST academic record and, if not posted, ask the IBO to send your exam results to the Office of Admissions at:

Office of Admissions
University of St. Thomas
3800 Montrose Boulevard
Houston, Texas 77006

UST recognizes the value of the IB Program. However, you should be aware that there are times when it is in your best interest to take the UST course that corresponds to the IB credit instead of accepting the IB credit so as to be better prepared for the rigors of the subsequent courses in the sequence. Please consult with your academic advisor if you have any questions.

<table>
<thead>
<tr>
<th>IB Exam</th>
<th>Minimum Score Required</th>
<th>Credit Hours Awarded</th>
<th>Equivalent UST Course(s)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology Higher</td>
<td>7</td>
<td>8</td>
<td>Science LD Core</td>
<td>1</td>
</tr>
<tr>
<td>Chemistry Higher</td>
<td>6</td>
<td>8</td>
<td>Science LD Core</td>
<td>2</td>
</tr>
<tr>
<td>Computing Standard</td>
<td>6</td>
<td>4</td>
<td>COMSC 1450</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>7</td>
<td>COMSC 1450 and COMSC 1352</td>
<td></td>
</tr>
<tr>
<td>Computing Higher</td>
<td>6</td>
<td>3</td>
<td>COMSC 2351</td>
<td>3</td>
</tr>
<tr>
<td>English Higher</td>
<td>7</td>
<td>3</td>
<td>English LD Core</td>
<td></td>
</tr>
<tr>
<td>Languages (Arabic, Chinese,</td>
<td>6</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>French, German, Japanese,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Italian, Spanish) Standard</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Languages (Arabic, Chinese,</td>
<td>5</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>French, German, Japanese,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Italian, Spanish) Higher</td>
<td>6</td>
<td>6</td>
<td>Language LD Core</td>
<td>1</td>
</tr>
<tr>
<td>Languages (Other)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. The examination does not fulfill the requirement for major or minor program credit in the discipline. Credit may not be used as a prerequisite for upper division courses in the discipline.
2. With permission, credit may be given for specific courses in the discipline. Please see the department chair.
3. Students receive 3 credits (lower division) for the core requirement and then complete the core sequence: ENGL 1341 and ENGL 1342.
4. History majors receiving IB credit must fulfill the required 36 credits of the major with other history courses.

**College Level Examination Program (CLEP) Exam Scores**

Lower Division (LD) refers to courses at the 1000 or 2000 level. Any test not listed will not be accepted for credit by UST. Students may not receive credit for both CLEP courses and for equivalent UST courses or transfer courses (including Advanced Placement or International Baccalaureate). CLEP credit will be deleted in such cases. Applicable scores for a particular exam are those in effect when a student takes the exam. Please contact your school dean if you have any questions.

<table>
<thead>
<tr>
<th>Exam</th>
<th>Minimum Score Required</th>
<th>Credit Hours Awarded</th>
<th>Equivalent UST Course(s)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td>50</td>
<td>8</td>
<td>Science LD Core</td>
<td>1</td>
</tr>
<tr>
<td>Chemistry</td>
<td>50</td>
<td>8</td>
<td>Science LD Core</td>
<td>2</td>
</tr>
<tr>
<td>Economics Prin. of</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Macroeconomics</td>
<td>65</td>
<td>3</td>
<td>ECON 1331</td>
<td></td>
</tr>
<tr>
<td>Prin. of Microeconomics</td>
<td>65</td>
<td>3</td>
<td>ECON 1332</td>
<td></td>
</tr>
<tr>
<td>English College Composition and Analyzing and Interpreting Lit.</td>
<td>50</td>
<td>3</td>
<td>English LD Core</td>
<td>3</td>
</tr>
<tr>
<td>Financial Accounting</td>
<td>50</td>
<td>6</td>
<td>ACCT 1341 and ACCT 1342</td>
<td></td>
</tr>
<tr>
<td>Government American</td>
<td>50</td>
<td>3</td>
<td>POSC 2331</td>
<td></td>
</tr>
</tbody>
</table>
History
  History of U. S. I 50 3 HIST 2333 4
  History of U. S. II 50 3 HIST 2334 4
  Western Civilization I 50 3 HIST 1335 4
  Western Civilization II 50 3 HIST 1336 4
Languages
  French I 50 3 FREN 1331 5
  French II 50 3 FREN 1332 5
  German I 50 3 GERM 1331 5
  German II 50 3 GERM 1332 5
  Spanish I 50 3 SPAN 1331 5
  Spanish II 50 3 SPAN 1332 5
Mathematics
  College Math 50 3 Math LD Core 2
  Pre-Calculus 50 3 Math LD Core 2
  Calculus 50 4 Math LD Core
Psychology
  Intro. to Psychology 50 3 PSYC 1332
  Human Growth & Development 50 3 PSYC 2332
Sociology
  Intro. to Sociology 50 3 Sociology LD Core

1. The examination does not fulfill the requirement for major or minor program credit in the discipline. Credit may not be used as a prerequisite for upper division courses in the discipline.
2. With permission, credit may be given for specific courses in the discipline. Please see the department chair.
3. Students receive 3 credits (lower division) for the core requirement and then complete the core sequence: ENGL 1341 and ENGL 1342.
4. Students must also submit a research paper to the chair of the History Department demonstrating proficiency in research and writing. History majors receiving CLEP credit must fulfill the required 36 credits of the major with other history courses.
5. CLEP Written and ACTFL Oral are both required for any credit through either.
TUITION AND FEES

FINANCIAL INFORMATION

TUITION AND FEES

Tuition and fees subject to change. Please refer to our Website at www.stthom.edu/businessoffice for current tuition and fees information.

Tuition

(for academic school year 2011-2012)

<table>
<thead>
<tr>
<th></th>
<th>Undergraduate per hour</th>
<th>Audit per hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$832</td>
<td>$416</td>
</tr>
</tbody>
</table>

To calculate the per-course tuition charge, multiply the second digit in the catalog number by the appropriate per credit charge. For example: HIST 1313 would have a charge of 3x832= $2,496.00.

Deposit (applicable to tuition)

Payable by first-time and readmit students upon acceptance $200

Fees (refundable on same basis as tuition)

Activity Fee:

<table>
<thead>
<tr>
<th></th>
<th>Undergraduate full-time</th>
<th>Undergraduate part-time</th>
<th>Undergraduate summer-term</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$110</td>
<td>$65</td>
<td>$27</td>
</tr>
</tbody>
</table>

Special Fees (non-refundable)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced-standing Examination, each</td>
<td>$30</td>
</tr>
<tr>
<td>Application</td>
<td>$35</td>
</tr>
<tr>
<td>Company Deferment</td>
<td>$50</td>
</tr>
<tr>
<td>Diploma (copy)</td>
<td>$50</td>
</tr>
<tr>
<td>International Student (student visa holder)</td>
<td>$75</td>
</tr>
<tr>
<td>Late Registration</td>
<td>$50</td>
</tr>
<tr>
<td>New Freshman Student Fee</td>
<td>$200</td>
</tr>
<tr>
<td>Transfer Student Fee</td>
<td>$100</td>
</tr>
<tr>
<td>Official Transcript Fee</td>
<td>$8.25</td>
</tr>
<tr>
<td>Same Day Transcript Fee</td>
<td>$25</td>
</tr>
<tr>
<td>Technology Fee</td>
<td></td>
</tr>
<tr>
<td>Undergraduate</td>
<td>$60</td>
</tr>
<tr>
<td>Graduate</td>
<td>$36</td>
</tr>
</tbody>
</table>

Room and Board

For information on room and board rates, contact the Director of Residence Life at 713-525-3836 or normany@stthom.edu.

Payment of Accounts

Students should check the status of their account online through myStThom via the University Website at www.stthom.edu. Tuition, fees and other charges not covered by loans, grants, scholarships or other means must be paid by the last day of regular
registration for the term for which the student is registering. Students not meeting these deadlines or making these arrangements for payment will be subject to administrative dismissal from the University. The University also reserves the right to dismiss students administratively should they not honor payment arrangements.

The University of St. Thomas e-mail account is the University’s primary means of contact with the student, who should check it regularly for important University updates.

Refunds

Refunds of tuition and refundable fees will be made to students officially withdrawing according to the following schedule, except that the University will retain at least $25 to cover partial costs of registration: 100% refund up to the last day to add/change courses or sections; 75% refund up to the first 19% of the semester; 50% refund up to the first 26% of the semester; 25% refund up to the first 32% of the semester. After 32% of the semester no refund will be granted. More specifically:

**For Fall 2011 15-week (regular) semester:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Refund Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 29th</td>
<td>last day for 100% refund</td>
</tr>
<tr>
<td>September 2nd</td>
<td>last day for 75% refund</td>
</tr>
<tr>
<td>September 9th</td>
<td>last day for 50% refund</td>
</tr>
<tr>
<td>September 16th</td>
<td>last day for 25% refund</td>
</tr>
</tbody>
</table>

Please see the University of St. Thomas website for other refund dates.

Note that “day” refers to class days and includes holidays (and, Saturdays in the 14-week session).

**PAYMENT OF TUITION AND FEES**

Terms and Conditions

By enrolling at the University of St. Thomas, students understand that they must follow the formal add/drop and withdrawal procedures of the University and that non-attendance does not automatically withdraw them from a course or from the University. Furthermore, enrollment indicates that students agree to pay all collection expenses, including reasonable attorney’s fees, which the University may incur if they do not fulfill the payment obligations as set for them by their enrollment. The cost of collection expenses may be up to 50% of the balance due.

Payment or payment arrangements are due prior to the start of the semester. Tuition, fees and other charges not covered by financial aid or other means must be paid by the due date. Students not meeting payment deadlines, not making sufficient payment arrangements or not honoring payment arrangements made will be subject to administrative withdrawal from the University.

Cash or Checks

The University accepts cash and checks with the proper identification. Checks returned for any reason will be charged a $25 returned check fee.
Credit Cards

Credit card payments (American Express, MasterCard and Discover) may be made online via myStThom at www.stthom.edu through a third party servicer. A convenience fee will be assessed for each credit card payment. The University of St. Thomas does not accept credit card payments.

E-Checks

E-check payments are available online via my StThom at www.stthom.edu without a convenience fee. E-checks are utilized with the banking information available on most paper checks.

Payment Plans

The University offers a monthly payment plan option administered by Quik Pay for tuition, fees, campus housing and meal plans. The plan is an interest free way to pay educational expenses in monthly installments during the academic term. There is a $35 participation fee for each payment plan and a $25 missed payment fee when applicable.

Payment plans must be set up prior to the start of the semester. Payment plans are set up online through the student’s myStThom account via the University’s Website at www.stthom.edu. The student must be registered for the term and have an outstanding semester balance for the term to set up the payment plan. Any anticipated financial aid for the term is deducted from the charges, and the balance is divided among monthly payments for the rest of the term. Payments are made directly via direct debit or direct credit card charge. Credit card payments will be assessed a convenience fee for each transaction. Students who fail to fulfill the obligations they have agreed to under a payment plan are ineligible to enroll in the payment plan in subsequent semesters and may be administratively withdrawn from the University.

Company Deferments

The University allows students to defer tuition and fee charges until the end of the term if they are eligible for employer tuition reimbursement programs. At the time of registration, eligible students must submit to the Office of Student Financial Services a letter from the employer certifying eligibility for the program for the current term as well as the percentage of reimbursement granted. Any percentage of tuition not covered by the employer reimbursement must be paid at the time of registration. Students are required to sign a promissory note and pay a non-refundable $50 fee per deferment by cash or check. Students who fail to fulfill the obligations they have agreed to under a company deferment plan are ineligible to enroll in a company deferment plan in subsequent semesters and may be administratively withdrawn from the University.
SCHOLARSHIPS AND FINANCIAL AID

SCHOLARSHIPS

The University of St. Thomas recruits exceptional students who wish to be challenged creatively and intellectually in their education and who, in return, will contribute to the quality of the University community with their talent and dedication to excellence. At the time of admission various criteria are considered in the scholarship award process, including grades and standardized test scores. Scholarship awarding begins in November. First-time freshmen, readmitted students and transfer students are selected for scholarship consideration through the admission application process. Continuing students who would like to be considered for scholarships based on their University GPA must file the Scholarship Application for Continuing Students available in the Office of Scholarships and Financial Aid.

Scholarships are awarded annually and are renewable providing the student meets eligibility requirements. Scholarships are applied to fall and spring and may be applied to University study abroad programs.

Students are strongly encouraged to apply for additional financial aid by completing the Free Application for Federal Student Aid (FAFSA) to complement scholarship awards with state or federal funding.

Scholarship recipients ordinarily may not hold more than one University of St. Thomas scholarship concurrently. If selected for more than one scholarship, recipients may be required to notify the University in writing which award they wish to accept.

Scholarship recipients will be notified by letter about the amount, terms and conditions of their scholarship. Scholarship awards will be considered in the awarding of federal and state aid.

Prospective students may receive additional information about scholarship opportunities described below by contacting the Admissions Office at 1-800-856-8565, locally at 713-525-3500, by e-mail at admissions@stthom.edu or by visiting the UST Website at www.stthom.edu/admissions.

Transfer applicants with fewer than eight transferable credit hours will be evaluated on the same basis as freshmen for scholarship awards.

Requirements for Maintaining Scholarship Eligibility

In addition to establishing eligibility for university scholarships, first-time freshmen, readmitted, and transfer scholarship students must:

1. Be degree-seeking
2. Carry a full-time course load
3. Earn a minimum 3.00 cumulative GPA
4. Complete and submit a University Scholarship Terms & Conditions form

Scholarship recipients will also be required to write a thank-you note to the donor(s) of the scholarship if they are notified by the Office of Scholarships and Financial Aid that their scholarship award has been funded by a specific donor.
Eligibility Requirements for Continuing Student Scholarship

Continuing students who do not have a University scholarship can compete for the Scholarship for Continuing Students by meeting the following requirements:

1. Complete the Scholarship Application for Continuing Students, available from the Office of Scholarships and Financial Aid every April 1st
2. Be degree-seeking
3. Have at least a 3.00 cumulative grade point average and completed 24 University credit hours prior to applying
4. Once a continuing student scholarship is awarded, carry a course load of at least 12 credit hours during the fall and spring semesters
5. Complete the free application for Federal Student Aid (FAFSA) annually

Deferral of Scholarship

A one-year deferral may be granted to new incoming and continuing scholarship recipients who request to defer enrollment for up to one year due to serious medical difficulties, military service, serious and unforeseen family emergency, or to make a volunteer service commitment not to exceed two semesters. Students seeking a deferment should submit a written request along with supporting documentation to the University Scholarship Committee. During the deferment period, scholarship recipients may not accrue more than eight university credit hours from any post-secondary institution. Continuing students who request a deferment may not be enrolled elsewhere without an approved UST Transfer of Credit Form.

FULL-TUITION SCHOLARSHIPS FOR INCOMING FRESHMEN

Vincent J. Guinan, CSB Scholarship: Five renewable scholarships are awarded to Catholic students who have a 1350 SAT (30 ACT) or above and 3.5 GPA or higher on 4.0 index in a college preparatory curriculum. To be considered, applicants must submit an application and certain application materials.

OTHER FRESHMAN SCHOLARSHIPS

Presidential Excellence Scholarship: Based on SAT or ACT scores and GPA.
Basilian Distinguished Scholarship: Based on SAT or ACT scores and GPA.
UST Achievement Scholarship: Based on SAT or ACT scores and GPA.
Celt Award: Based on SAT or ACT scores and GPA.

UST/Parish Scholarship: In partnership with participating Parishes in the Diocese of Galveston-Houston, entering freshmen, transfer students or continuing students who are parishioners may qualify. All applicants must complete the Free Application for Federal Student Aid (FAFSA) and a Parish Scholarship application available from the University Office of Scholarships and Financial Aid.

Catholicity Scholarship: Awarded to students who are members of Catholic Parishes outside of the Galveston-Houston Archdiocese who have financial need.
SCHOLARSHIPS FOR TRANSFER STUDENTS

Francis E. Monaghan, CSB Scholarship: Based on transfer GPA.
Phi Theta Kappa Scholarship: Based on membership in PTK at prior institution.

UNIVERSITY SCHOLARSHIPS, AWARDS AND GRANTS

Many University scholarships are funded through the generosity of numerous donors and benefactors:

- Basilian Fathers Memorial Scholarship
- Ben C. Belt Memorial Scholarship
- Joseph M. Block Scholarship
- Albert H. and Kathleen Braden Endowed Grant
- Patricia Ann Brennan Memorial Scholarship
- The Brown Foundation, Inc., Multicultural Scholarship
- D.E. Harvey Builders Endowed Scholarship
- Charlotte Cameron Endowed General Scholarship
- Jane Marie Colvin Scholarship
- George W. Cottingham Scholarship
- Cullen General Endowed Scholarship
- Harry Edwin Davis Scholarship
- P.C. and Josephine Del Barto Scholarship
- Rev. James J. Dempsey Memorial Scholarship
- Thomas J. Donahue Endowed Scholarship
- Robert P. Doherty Scholarship
- Margaret and Francis J. Donaghue Scholarship
- Earthman Family Endowed Scholarship
- Mildred K. Fisher Endowed Scholarship
- Dr. Charles and Natalie Loehr Gallagher Scholarship
- Anna Gutkowski Memorial Award
- Cecil R. Haden Scholarship
- Chester P. Hawkins and Ethel J. Hawkins Christian Endowed General Scholarship
- William Randolph Hearst Scholarship for Disadvantaged Students
- John and Jeanette F. Hemmer Scholarship
- Mr. and Mrs. W. H. Highams Scholarship
- Edward Leslie and Mamie Hogan Memorial Scholarship
- Holy Family Endowed Parish Scholarship
- A. R. Johnson Scholarship
- Frederick M. and Marguerite G. Johnston Endowed Memorial Scholarship
- Wayne A. Kaffenberger Endowed Memorial Scholarship
- Otto and Velma I. Karnaky Endowed Memorial Scholarship
- Susan Karnaky Endowed Scholarship
- Annette and Charles J. Koenig, Sr., Scholarship
- Luke P. Lyons Scholarship
- Bishop John E. McCarthy Scholarship
- Eugene F. and Felice Malloy Scholarship
- Frances Miller Endowed Scholarships
- Catherine P. and William H. Newton Endowed Scholarship
- James M. Pankey Scholarship
- Joseph F. Reilly, Sr., Memorial Scholarship
- Mary T. Reiniger Scholarship
SCHOLARSHIPS

The Strudler Family Endowed Scholarship
St. John Vianney Endowed Parish Scholarship
St. Thomas High School Memorial Scholarship
Scanlan Foundation Scholarship
Pamela Hubert Schisser Memorial Scholarship
Otto J. Schwabe Memorial Scholarship
John T. Shea Scholarship
Siena Association Memorial Scholarship
Society of St. Vincent de Paul Grant in Aid Award
Rev. Edward J. Sullivan, CSB, Scholarship
Lloyd P. Webre Memorial Scholarship
Margaret Cecilia Wellborn Endowed Scholarship for Physically Impaired American Citizens
James N. and Mary F. Yeager Scholarship
Joseph P. Hamrah Testamentary Trust

The University offers additional scholarships provided on an annual basis by generous donors. Please contact the Office of Scholarships and Financial Aid for more information.

DEPARTMENTAL SCHOLARSHIPS

The following scholarships are awarded to students studying in the discipline or program noted:

Accounting Kelly-Retton Accounting Scholarship
Accounting Thomas R. Reveley Memorial Endowed Scholarship in Accounting
Accounting Schwartz Accounting Scholarship
Archeology Friends of Archeology Scholarship
Archeology Mullins Archeology Scholarship
Art History Freed Travel Endowed Scholarship
Art History Harvey Art Scholarship
Arts and Science Fish foundation Scholarship
Biology Rev. Joseph L. Meyers, CSB, Scholarship in Biology
Biology Elizabeth Ann Peavy Scholarship in Biology
Chemistry Nava Chemistry Endowed Scholarship
Chemistry John R. Voss Memorial Scholarship in Chemistry
Chemistry James T. Sullivan Scholarship in Chemistry
Communication Nicholas D’Amico Communications Scholarship
Drama Harvey Charitable Trust in Drama
Drama Humphrey’s Foundation Scholarship
Drama Sam Havens Scriptwriter Houston Drama Scholarships
Drama Charles & Betti Saunders Drama Scholarship
Education Kappa Delta Pi Anna L. Dewald Endowed Scholarship for Education
Education Strudler Family Endowed Scholarship
Education Mary Jean Lantz Memorial Endowed Scholarship
Education Linden Annual Scholarship
Education Margaret Guerrero Annual School of Education Scholarship
English Carolyn Gordon Annual Award in Creative Writing
English June M. Roethlisberger Scholarship
English Susan T. Scanlon Scholarship in Creative Writing
English English Department-Father Lee
English The Danny Lee Lawrence Writing Award
French Scholarship
Rev. Robert E. Lamb, CSB, Endowed Scholarship in History
Joseph M. and Norma M. McFadden Endowed Scholarship
Rowan and Mae Cardwell Scholarship
The Crow Family Scholarship
Rowan and Marie Cardwell Scholarship Fund
Pecten Chemical Scholarship in International Studies
Simon Cottrell International Studies Annual Scholarship
The Jennifer and John Fichter International Studies Annual Scholarship
Distinguished Student of Mathematics Scholarship
Dr. William A. and Margaret Reddie Scholarship in Mathematics
The Crow Family Endowed Scholarship
John Dickson “Peck” Kelley Scholarship
Jimmy Don Smith Scholarship
Marie Trapolino Scholarship in Music
Erno Valasek Scholarship in Music
Mrs. Cora Brent Warren Scholarship in Music
Brezik Graduate Philosophy
George Burkitt Memorial Scholarship
Terrence G. McGreevy Prelaw Scholarship
J.C. and N.L. Gallagher
Lawyers Alumni Fund Scholarship
Julia Arnold Schnapp Scholarship in Psychology
Michael Levitt Memorial

Please contact respective departments for additional information.

Catholic School Teacher/Lay Ministers Scholarships
Candidates are teachers in the Catholic schools or parish lay ministers in the Diocese of Galveston-Houston. These scholarships cover one-half of the tuition for one class during the fall or spring semesters and are applicable to undergraduate or graduate courses.

FINANCIAL AID

The University of St. Thomas believes that qualified students who wish to attend should not be prevented from doing so for financial reasons. Through extensive financial aid programs, the University seeks to put educational costs within the reach of every student qualified for admission. Although the University expects students and families to finance the cost of education to the fullest extent possible, it makes every effort to assist those who need help.

Demonstrated financial need is the difference between the cost of attending the University of St. Thomas and the amount the student and parents can reasonably be expected to contribute toward these costs. Costs include actual tuition and fees, room and board, books and supplies, personal expenses and transportation. The estimate of a family’s ability to contribute is determined in accordance with the federal need analysis as established by the U.S. Department of Education.
Eligibility for each type of assistance varies, depending on the source of funds. All students attending the University who meet the eligibility requirements listed below qualify for some form of financial aid. Assistance offered by UST includes institutional scholarships as well as federal, state and institutional grants, low-interest loans and work-study.

The Office of Scholarships and Financial Aid has counselors available to assist families as they complete the application process. For additional information concerning application procedures, the determination of need, or financial aid programs, contact the Office of Scholarships and Financial Aid at 713-525-2170 or by e-mail at finaid@stthom.edu.

All students who believe they will need assistance to attend UST are encouraged to submit financial aid applications. Application procedures are outlined below.

**Procedure for Filing for Financial Aid**

To apply for financial aid, all applicants must complete the Free Application for Federal Student Aid (FAFSA). UST’s priority financial aid deadline date is April 15, however, to maximize student’s aid eligibility, students are encouraged to complete the FAFSA as early as possible after January 1. Normal processing time of the FAFSA by the Department of Education is approximately 2 weeks.

FAFSA on the Web is a free U.S. Department of Education Website for completing a FAFSA online and submitting it via the Internet. Students must file the Free Application for Federal Student Aid online at www.fafsa.gov. UST’s school code, 003654, must be entered on the form. The FAFSA can be signed electronically if the student (and parent, if applicable) first obtains a U.S. Department of Education PIN at www.pin.ed.gov.

Applicants selected by the Department of Education for verification on their Student Aid Report must also submit a copy of the parents’ (if dependent) and student’s or spouse’s (if married) completed federal income tax return before any offer of financial aid can be prepared.

Other supplemental information will be requested as needed by the Office of Scholarships and Financial Aid. Students must have a completed financial aid file with all necessary documents, be regularly admitted to the University, and have met the minimum Satisfactory Academic Progress before any financial aid awarding may begin.

Financial aid awards are not made prior to admission to the University. Students are encouraged to pursue admission at the earliest possible point but should not wait for an admission decision before beginning the financial aid process.

**Eligibility Requirements**

Students seeking need-based financial aid must:

1. Have a high school diploma, Home School Equivalent or GED equivalent
2. Be admitted as a degree-seeking student
3. Be enrolled for at least half-time
4. Be a U.S. citizen or eligible non-citizen (I-551, I-151, I-94, I-688) or have certificate of naturalization
5. Maintain satisfactory academic progress (details in following section)
6. Not be in default on a federal loan or owe a refund on a federal grant
7. If male, be registered with Selective Service
**Satisfactory Academic Progress (SAP)**

At the University of St. Thomas all students applying for federal financial aid must meet the satisfactory academic progress guidelines as established and in accordance with regulations. Students should be aware that their entire academic record will be considered when determining eligibility for financial aid regardless of whether aid has previously been awarded. However, once a degree is earned a student’s previous academic record will not be considered when determining academic progress. The University’s satisfactory academic progress guidelines have all elements and components of the regulation. This policy is as follows:

Satisfactory academic progress for financial aid purposes is defined as meeting all of the following:

1. Successful completion of 75% of all credit hours attempted
2. Minimum grade point average
   a. Undergraduate: 2.00 GPA
   b. Graduate: 3.00 GPA
3. Requirements for degree must be completed within a specified time: 180 credit hours attempted for undergraduates and 54 credit hours attempted for graduates.

“W”, “I”, and “F” grades will be calculated into the GPA as credit hours attempted with zero qualifying points earned. Courses passed with “P” grades will be counted into courses attempted but not into the GPA.

**GRANTS**

Grants are awarded on the basis of financial need and do not require repayment. Grant funds are provided by the University of St. Thomas and by the federal and state governments. Financial aid award packages will include grant funds whenever regulations, University policies and funding levels permit.

**Federal Pell Grant:** For undergraduate students who have not yet completed a baccalaureate degree. The exact amount of the student’s award will be determined based on the cost of education, the expected family contribution and the student’s enrollment status.

**Federal Supplemental Educational Opportunity Grant (FSEOG):** For undergraduate students with exceptional financial need who have not yet completed a baccalaureate degree. Priority is given to Pell Grant recipients. FSEOGs are contingent on federal appropriations.

**Tuition Equalization Grant (TEG):** A state-sponsored program for Texas residents who meet state-specified eligibility requirements. Maximum award amount is established annually. TEG awards are contingent on state appropriations.

**LEAP/SLEAP:** A state-sponsored program for students with exceptional need who have been awarded a TEG of an equal or greater amount.

**Teacher Education Assistance for College and Higher Education (TEACH) Grant:** For students who agree to serve as a full-time teacher for a minimum of four years in a high-need field in a public or private elementary or secondary school that serves low-income students. Grant will be converted into a Federal Direct Unsubsidized Stafford Loan for any student who does not fulfill the teaching obligation within the required timeframe.
University Grants: Funded by the University of St. Thomas for undergraduate students with exceptional need. The amount of each grant is based on individual need and awarding policies.

LOANS

Loans are often a part of a financial aid award. The following long-term, low-interest loan programs provide students with an opportunity to defer the cost of their education.

Texas B-On-Time: State sponsored no-interest loan program for students who have graduated from high school within the last 14 months and completed an approved recommended high school curriculum. If the student graduates within 6 credit hours of their degree requirements, and has a cumulative GPA of 3.0 or higher, the entire loan will be forgiven. Full-time enrollment is required.

Federal Stafford Loan: Subsidized and unsubsidized low-interest, long-term loans provided by the William D. Ford Federal Direct Loan Program. The federal government pays the interest on subsidized loans while the student is enrolled at least half-time. Repayment begins six months after graduation or when the student ceases to be enrolled at least half-time.

Parents Loan for Undergraduate Students (PLUS): The PLUS loan program is designed to assist parents of dependent students who are not eligible for need-based assistance or who need funds in addition to their Federal Stafford Loan eligibility. Parents may borrow up to the cost of education less any estimated financial aid each year. Interest rate is fixed and is currently set at 7.9% for Federal Direct PLUS Loans. Repayment begins 60 days after disbursement.

Jewish Family Services Loan Fund: A short-term, interest-free loan program available to all students for any related educational expense. The maximum loan amount is $300. Applications are available in the Business Office.

WORK-STUDY/CAMPUS EMPLOYMENT

The work-study program provides on- and off-campus jobs for undergraduate students who need help to meet a portion of their living and educational expenses. Funding for the work-study programs is provided by the federal and state governments as well as the University of St. Thomas. Work-study awards are based on need.

Federal Work Study: A federal program that provides on-campus jobs for qualified students based on demonstrated need and is awarded by the Office of Scholarships and Financial Aid. Students receive paychecks for work performed.

Texas College Work-Study Program: A state funded work-study program for eligible Texas residents.

Campus Employment: A number of positions are available on campus for students who desire to work. Such positions can be secured through the Career Services Office and are not part of financial aid awards.
FINANCIAL AID APPEALS

Students who do not meet the satisfactory academic progress guidelines will be sent a letter explaining that they are on financial aid dismissal. Students who believe that extenuating circumstances have affected the denial of financial aid have the right to appeal in accordance with the Financial Aid Appeal Process. In order to appeal, the student must complete an appeal form. All appeals must be submitted prior to the first day of classes for the term in which the student is seeking financial assistance. The Financial Aid Appeal Committee will review the appeal forms and will decide whether to reinstate the student. The committee reserves the right to restrict the number and types of courses a student may take.

Following a reinstatement the Office of Scholarships and Financial Aid will review the student’s grades at the end of the period of reinstatement. The student will be required to complete each semester with a “C” grade or above in each course attempted. A student who fails to meet this requirement will be denied financial aid for the upcoming semester, and appeals will not be accepted a second time. Repeated appeals are considered a violation of the intent of the satisfactory academic progress guidelines. If a student’s appeal is denied, the student will be required to successfully complete 6 credit hours (of an academic nature) using his or her own financial resources before the committee will review the students academic transcript again.

The decisions of the Financial Aid Appeals Committee and the Scholarship Appeals Committee are final, and subsequent appeals for the current academic term will not be accepted. The Financial Aid Appeals Committee's decisions may stipulate conditions and restrictions. If they are not followed explicitly, individuals forfeit their financial aid and/or scholarship eligibility for the remainder of the academic year.

The Scholarship Appeals Committee and the Financial Aid Appeals Committee are scheduled to review completed appeal forms prior to the academic year or pending term. Students wishing to participate in the appeals will be notified of their eligibility to appeal and must submit the Scholarship appeal form or the Financial Aid appeal form to the Office of Scholarships and Financial Aid by the date listed on their notification. The Financial Aid Appeals Committee will meet twice each semester according to the following schedule:

- Once in the week prior to the semester start;
- Once prior to the last date to withdraw with a full refund.

REPAYMENT POLICY

The federal government mandates that students who withdraw from all classes may only keep the financial aid they have "earned" up to the time of withdrawal. Title IV funds that have been disbursed in excess of the earned amount must be returned by the university and/or the student to the federal government.

The Office of Scholarships and Financial Aid will perform a calculation to determine the amount of aid earned by the student that he or she may keep (for example, if the student attended 25% of the term, the student will have earned 25% of the aid disbursed). The unearned amount (total aid disbursed minus the earned amount) must be returned to the federal government by the university and/or the student. Thus the student could owe aid funds to the university, the government, or both. The Office of Scholarships and Financial Aid will notify and provide instructions to students who are required to return funds to the government.
EXIT INTERVIEW

Loan recipients who graduate, withdraw from the University, or who cease to be enrolled at least half-time are required to complete an exit interview. It is the student’s responsibility to complete his/her interview. Information on how to complete this requirement online may be obtained by contacting the Office of Scholarships and Financial Aid. All University services, including issuance of transcripts and diploma, may be withheld if an exit interview is not completed.

REVISION AND CANCELLATION OF AID

The University reserves the right to review, revise or terminate financial aid awards at any time due to changes in the student’s financial and/or academic status; failure to comply with federal/state laws and regulations, including financial verification/audit procedures; or university policies, including those expressed in these provisions, The Student Handbook or The Financial Aid Policies and Procedures Manual. In addition, financial aid awards are subject to revision should the annual allocation of funds to the University from the federal government or the State of Texas be reduced below anticipated funding levels or should limitations be placed on funds intended for student financial aid purposes.

PROFESSIONAL JUDGMENT

While the method for determining a student’s need for federal student aid is defined by law, the law does give the financial aid administrator the opportunity to use his or her professional judgment in some limited circumstances. Special circumstances might be loss of employment, reduction of earnings, estrangement from parents, divorce or death of parent/spouse. If students believe they have a special circumstance that should be reviewed, they are encouraged to visit with their financial aid counselor.

AID DISBURSEMENT PROCEDURE

Financial aid funding is posted to the students account upon verification of enrollment and continued satisfactory academic progress (see Satisfactory Academic Progress), with the exception of Work-Study funds, which students must earn through actual employment. All financial obligations owed to the university will be deducted from any accepted student assistance. Financial obligations are the total amount owed regardless of any existing plan. The Business Office will issue any resulting credit balance to students in the form of checks. Checks will be available for pick up in the Business Office, located in the Herzstein Enrollment Center. Since checks generally are not available until three or four weeks after classes have begun, students should be prepared to pay any initial expenses from other sources.
Located in the heart of Houston, the University of St. Thomas is easily accessible from the downtown center of the city and all major freeways and is within walking distance of several important museums and art galleries. Public transportation is readily available, and the city is working to develop significant improvements. Renowned architect Philip Johnson designed the University’s Academic Mall, which is dominated by the Chapel of St. Basil on the north end and Doherty Library on the south end. Directly west, and running parallel to it, is the Campus Life Mall, featuring the Gueymard Meditation Garden and Chartres Labyrinth; Moran Center, with its parking garage, bookstore and student lounge; Crooker University Center; and Jerabeck Athletic Center. Spacious curving walkways, attractive landscaping, and many places to sit, relax, talk, think, and rest accentuate these sites. Several blocks of old homes and modern two-story buildings housing various departments and student facilities surround the two malls.

The University atmosphere is lively and friendly. Administrators, faculty, staff and students form an academic community which makes every effort to accommodate the physical, emotional, spiritual, and intellectual needs of students. Following is a partial list of facilities and programs designed for that purpose.

**LIBRARY SYSTEM**

The Robert Pace and Ada Mary Doherty Library, the main University library, has over 240,000 volumes and access to approximately 45,000 periodical titles. The library provides various study areas, including silent reading areas, for students and faculty. The Doherty Library uses the Horizon automated library system and has online resources available through the library Website (http://library.stthom.edu). The Doherty Library participates in the TexShare cooperative library program. TexShare allows students to have borrowing privileges at most university and college libraries in Texas through the use of a TexShare card.

The Hugh Roy Marshall Graduate Philosophy Library, especially strong in resources for the study of Thomism, contains approximately 11,000 volumes in the area of medieval philosophy, theology and history. This collection supports the graduate program of the Center for Thomistic Studies, stressing an historical understanding of Aquinas texts and a rigorous rethinking of this thirteenth-century wisdom in the light of twenty-first-century problems and realities. The Graduate Philosophy main collection is located on the second floor of the Doherty Library and all students can consult it. The Special and Reference collections of the Graduate Philosophy Library, located in Doherty Library’s second floor Hugh Roy Marshall Room, has restricted access.

The Music Program in Cullen Hall has more than 3,000 scores and 18,000 audio recordings.

The Cardinal Beran Library at St. Mary’s Seminary, 9845 Memorial Drive, is an integral part of the University’s School of Theology relating to Vatican II. Spanish theological titles are obtained when available. To access the resources available in the Cardinal Beran Library, click the Library tab on the St. Mary’s Seminary Website http://www.smseminary.com/ the primary emphasis is on theological resources. It has
approximately 67,000 volumes, current subscriptions to 305 theological journals, 11,600 bound volumes, and an additional 5,500 titles in various formats. Special collections include selected primary resources of the late eighteenth and early nineteenth century Catholic writers, available for historical research. The library is also the beneficiary of books from the UST Newman scholar, Fr. Richard Schiefen, CSB. Additionally, there is a developing collection of primary resources

THE TUTORIAL SERVICES CENTER

The goal of the Tutorial Services Center is to help students become more self-sufficient and confident with their learning skills. To that end, the TSC offers comprehensive peer tutoring for students currently enrolled at UST. All tutors must meet specific academic requirements, be recommended by UST faculty, and undergo a certified training program in a variety of academic subjects and general writing skills. The Tutorial Services Center (TSC) is certified by the College Reading and Learning Association (CRLA) under its International Tutor Training Certification Program (ITTCP). The ITTCP recognizes and reinforces successful tutoring services by setting common high standards for tutor skills and training. TSC tutors receive ongoing specialized training and are certified in three areas, Regular, Advanced and Master, depending on their experience.

Besides providing assistance in content areas, tutors help students understand general concepts; for example, what are the elements of fiction or how does a democracy differ from a republican form of government? Though tutors do not edit writing assignments, they guide students through the process, pointing out problems such as unclear thesis statements, grammar errors, and weaknesses in organization and development. The word “tutoring” is often associated with remedial help. However, even students who are doing well in a subject area visit the TSC in order to put the finishing touches on an assignment, to let an objective reader make useful suggestions, or to get confirmation of a job well done. We are happy to provide such reinforcement and to be a part of someone’s academic success.

The TSC also offers monthly workshops in thesis development, paragraph organization, the research paper process, writing a successful essay examination, and identifying academic integrity issues. This information is posted on the TSC Website and in weekly Campus Announcements. Our Website also includes learning links that students may access for further assistance. In addition, the TSC provides experienced tutors for courses offered by the Mendenhall Summer Institute.

As part of the Mendenhall Achievement Center, a complex of centralized services for students, the TSC is committed to student success at the University of St. Thomas. Located in 207 Crocker Center, the TSC is open Monday-Thursday, from 9:00A.M.-7:00P.M. and Friday, from 9:00A.M.-2:00P.M. The TSC Website, which provides comprehensive information and answers many student questions, is available on the University’s Website (www.stthom.edu), Offices & Services section. Other contact information is tutoring@stthom.edu and 713.525.3878.

TECHNOLOGY

The University of St. Thomas provides state-of-the-art technology to its students for academic and personal use. UST students can connect to high speed Internet access from a campus-wide Ethernet system linking residence hall rooms, classrooms,
offices, and computer labs. Wireless network access is available in classrooms and most areas of the University.

The University offers several online services to students, including Webmail, registration, access to class schedules, grades, online payment services, and an online course management system for distributed and distance learning initiatives. Student organizations and clubs are eligible for Web space and email accounts.

Most classrooms have integrated instructor stations and media projection systems that are permanently installed. Several classrooms are equipped with student computer workstations.

The primary student computing lab, located in the Doherty Library for ease of access, provides computers and printers that access common instructional applications. In addition, computers designated for student use are available in the Tutorial Services Center, Language Lab, Guinan Residence Hall, and several other departmental laboratories, such as Chemistry and Psychology. Students may also use their own computers with the wireless network.

**DIVISION AND OFFICE OF STUDENT AFFAIRS**

The Division of Student Affairs supports the mission of the University and the Basilian Catholic tradition through programs, policies, and services that offer valuable learning experiences and promote development of the whole person. Student Affairs comprises the following offices: Athletics, Campus Ministry, Residence Life (which includes Guinan and Young Halls), Recreational Sports (including the Jerabeck Activity and Athletic Center), Health Promotion and Wellness, Student Activities, and Campus Security.

The Mendenhall Achievement Center provides a variety of services aimed at enhancing the overall academic experience for students. Services offered by the Center promote and develop skills necessary for students to manage their college studies. Support and information beneficial for eventual success at the University can also be found through the auspices of the Center.

The Mendenhall Achievement Center was established at the University of St. Thomas in 2008 as the result of a gift to the University from Trini Mendenhall Sosa, the former owner of Fiesta Mart, Inc., and a former board member of the University of St. Thomas.

The Mendenhall Achievement Center provides a professional support team to assist students in achieving their goals while enrolled at UST. Offices comprising the Center work with each other to provide the most comprehensive approach in assisting students with their needs. Services within the Mendenhall Achievement Center include Academic Advising, Career and Testing Services, Counseling and Disability Services, and Tutorial Services. The Center is located centrally on the UST campus in Crooker Center. In addition to its central location, students benefit by having these support services in one convenient location.

The Office of Student Affairs, located on the second floor of the Crooker Center, also helps coordinate the Student Government Association, the Student Activities Board, the Council of Clubs, and management of the Crooker Center, as well as overseeing the Code of Student Conduct.

The Office of Student Affairs also offers the following services: issues UST Identification Cards, provides notary services, schedules Crooker Center space reservations, publishes semi-weekly campus announcements, offers courtesy wheelchairs (located at the Office of Campus Security and Jerabeck Center), and handles vending machine problems.
For information on any of the above, or if you have concerns, complaints, or ideas, please contact our office at 713-525-3570.

OFFICE OF COUNSELING AND DISABILITY SERVICES

Counseling Services

Counseling and Disability Services (C&DS) provides various services for students related to transition to college, emotional adjustment, mental health, developmental issues, academic skill-building and crisis intervention. Services are short-term and follow a brief intervention model. Counselors will assess the nature and extent of a student’s concern and make appropriate recommendations.

- **No-Fee Services:** All services are provided with no extra fee to currently enrolled University students. Ongoing counseling services are available for students. However, faculty, staff and students are welcome to use C&DS for consultation and to obtain educational information and referral services. University employees who are not also students will receive only limited consultation.

- **Confidentiality:** All services provided at C&DS are confidential except where state law mandates. The staff abides by the ethical standards of the American Psychological Association and the American Counseling Association. Records maintained by C&DS are not available to a third party without the student’s written permission. C&DS records are not a part of UST academic or administrative records.

- **Initial Assessment:** C&DS offers an initial assessment to direct students, faculty and staff to appropriate services on or off campus. Students may receive counseling through the department depending on their circumstances.

- **Consultation:** Students, faculty and staff may utilize C&DS for consultation purposes (e.g., concerns regarding personal relationships; finding help for a friend, relative or student; securing community mental health resources, etc.) Brief consultations are available when more lengthy counseling is not appropriate.

- **Individual and Group Counseling:** C&DS offers ongoing individual, group and couples (when both are UST students) counseling for students who are experiencing personal concerns such as anxiety, depression, academic performance issues, goal-setting, problem-solving, family issues, relationship matters or other emotional distress.

- **Crisis Intervention:** C&DS is typically available for students experiencing a mental health crisis requiring immediate attention during regular business hours. If there is a psychological crisis after-hours, students may contact Campus Security at 713-525-3888 to reach an on-call counselor, go to a local hospital emergency room, or call 911. There are certain University holiday breaks (Easter, Thanksgiving and Christmas) when the University is closed and on-call psychological crisis services are not available.
• **Educational Materials:** Students, faculty and staff have access to the C&DS Lending Library and to other informational materials. The department Website offers information about a variety of wellness and mental health matters.

• **Academic Support:** C&DS provides counseling and workshops on issues such as time management, test anxiety, and improving concentration and study skills.

• **Referral Information:** If the needs of a student exceed the scope of C&DS resources, referrals will be provided to local off-campus professionals. Faculty and staff may also contact the department for referral information.

• **Campus Outreach:** C&DS provides training opportunities for the campus community covering relevant topics such as building healthy relationships, coping with change, stress reduction and suicide prevention.

More information is available at www.stthom.edu/counseling. For an appointment or additional information, contact Counseling and Disability Services at 713-525-2169 or 713-525-6953.

### Disability Services for Students

Counseling and Disability Services (C&DS) also provides academic accommodations for students with disabilities. The University abides by the Americans with Disabilities Act of 1990 (ADA) as amended, Section 504 of the Rehabilitation Act of 1973 and other federal mandates that stipulate qualified students with disabilities receive reasonable and appropriate accommodations to ensure equal access to programs and opportunities at the University. The University must balance the individual’s right to receive equal access and the University’s right to ensure the integrity of its programs. Disabilities may be defined by the following:

- learning disabilities
- health impairments
- physical limitations
- psychiatric disabilities

Students should set an appointment with professional staff at C&DS to review the nature and history of the disability as well as present concerns related to the academic environment. The procedure for Disability Services is as follows:

1. If a student believes he/she may qualify for reasonable accommodations due to an impairment that creates a disability, the student will be asked to supply current professional diagnostic documentation of the disability and the student’s needs. Appropriate documentation identifies the disability and indicates how it substantially limits current major life activities (e.g., learning, working, walking, seeing, hearing) as related to the academic environment. For students who have not had a previous professional evaluation or documentation, referrals may be provided.

2. To receive reasonable accommodations, the Committee for Academic Accommodation reviews the student’s request. The Committee will review the documentation and determine appropriate accommodations to meet the student's needs within the academic environment. Each student’s situation is
individually assessed and reviewed. Information regarding accommodations is shared only with faculty, staff or administration on a need-to-know basis with the student’s written permission.

3. When the student authorizes release of information regarding the disability, the Committee’s recommendations will be made available for students to distribute to their instructors and academic advisor. The student must renew this authorization through C&DS early each semester to ensure continuation of academic accommodations. If testing accommodations are granted, C&DS will notify the office of Career Services and Testing.

Students are encouraged to work closely with C&DS if problems arise related to their disability and receiving accommodation and access. Students should follow grievance procedures outlined in this publication to advance complaints related to disability issues. The University strives to resolve differences through informal procedures whenever possible. Student complaints regarding Section 504-based academic accommodations or general access issues should be directed to the Executive Director of Counseling and Disability Services, who functions as the University’s Section 504 Coordinator for students. For grievances regarding employment concerns at the University, complaints should be directed to the Director of Human Resources.

More information is available at www.stthom.edu/counseling. For an appointment or additional information, contact Counseling and Disability Services at 713-525-2169 or 713-525-6953.

**DISABILITY NONDISCRIMINATION POLICY**

It is the policy of the University of St. Thomas not to discriminate on the basis of disability in admission and access to or treatment or employment in its program or activities, as required by the Americans with Disabilities Act of 1990 (ADA) as amended, Section 504 of the Rehabilitation Act of 1973 and other federal mandates (involving disability discrimination) and the implementing regulations.

If you have any questions regarding this policy, please contact the following persons:

**Section 504 Coordinators:**

*Primary for Students:* Executive Director of Counseling and Disability Services (713) 525-3162  
*Primary for Faculty and Staff Employees:* Associate Vice President for Administrative Services (713) 525-3813  
*Secondary for Students:* Vice President for Student Affairs (713) 525-3570  
*Secondary for Faculty and Staff Employees:* Vice President for Finance (713) 525-6960

University of St. Thomas  
3800 Montrose Boulevard  
Houston, Texas 77006

If you believe you may have been discriminated against in violation of this policy, please immediately contact the Section 504 Coordinators, the Office of Human Resources or the Office of Student Affairs for a copy of the University’s Discrimination Grievance Procedures.
Discrimination Grievance Procedures

The University of St. Thomas has adopted an internal grievance procedure providing for the prompt and equitable resolution of complaints alleging any action prohibited by Section 504 of the Rehabilitation Act of 1973, as amended (involving disability discrimination). Information will be kept confidential to the extent possible. The Section 504 Coordinators will maintain the files and records related to all complaints filed, the written findings, and resolutions. The Executive Director of Counseling and Disability Services will maintain files and records for students; the Director of Human Resources will maintain files and records for faculty and staff employees. Federal law strictly prohibits any retaliation against a person who exercises the right to file a complaint of discrimination. Retaliation is prohibited whether or not the complainant prevails with the complaint. Charges of retaliation shall be treated as separate and distinct from the original complaint of discrimination and may be filed utilizing this grievance procedure.

1. Complaints

a. Disability Discrimination of Students. Complaints by students involving disability discrimination should be filed with the Section 504 Coordinator. The Section 504 Coordinator for students is the Executive Director of Counseling and Disability Services. Location: Office of Counseling and Disability Services, Crooker Center, second floor. Telephone: (713) 525-3162

b. Disability Discrimination of Faculty and Staff Employees. All disability discrimination complaints by faculty or staff employees should be filed with the Associate Vice President for Administrative Services. Location: T.P. O’Rourke Hall, first floor. Telephone: (713) 525-3813

c. Discrimination Grievance Officers. The persons designated above to receive complaints under these procedures shall be referred to as Discrimination Grievance Officers. If the designated Grievance Officer is the accused party, the complaint may be filed with the other Grievance Officer or the Vice President for Student Affairs (for students) or the Vice President for Finance (for faculty and staff employees).

d. Complaints by Mail. Complaints may also be mailed to the appropriate Discrimination Grievance Officer at the following address:

University of St. Thomas
3800 Montrose Boulevard
Houston, Texas 77006

The complaint and its envelope should be marked “Confidential.”

2. Procedure

a. Contents of Complaint. Complaints must be filed in writing with the Discrimination Grievance Officer and must contain the following:

1) Name and address of the person making the complaint (“Complainant”).
2) A brief description of the alleged discriminatory action or actions.
3) The date or dates of the alleged discriminatory actions.
4) The person or persons alleged to have engaged in the discriminatory action or actions.

b. Deadline for Filing the Complaint. The complaint must be filed with the appropriate Discrimination Grievance Officer within 30 days after the Complainant becomes aware of the alleged discrimination. (Processing of allegations of discrimination that occurred before this grievance procedure was in place will be considered on a case-by-case basis or under other appropriate grievance procedures.)

c. Informal Resolution. The Grievance Officer will notify the appropriate Vice President of the complaint, if deemed necessary. If the accusing individual is a student, the Executive Director of Counseling and Disability Services will address the complaint. If the accusing individual is a faculty or staff employee, then the Associate Vice President for Administrative Services will address the complaint.

The Grievance Officer shall determine whether the matter may be promptly resolved informally (for example, when the complaint arises from miscommunication between the parties or when the accused party admits wrongdoing and agrees to take appropriate corrective action). Informal resolution will be attempted as soon as possible and need not wait for the written response of the accused party unless deemed appropriate by the Grievance Officer. If the Associate Vice President for Administrative Services is the accused party, the Complainant will contact the Vice President for Finance instead of the Associate Vice President for Administrative Services. If the Executive Director of Counseling and Disability Services is the accused party, the Complainant will contact the Vice President for Student Affairs instead of the Executive Director of Counseling and Disability Services. If the area Vice President is the accused party, the Grievance Officer will contact the President instead of the Vice President.

d. Response. The accused party will be provided a copy of the complaint and will provide the Grievance Officer a written response within five business days after receiving a copy of the complaint. The Grievance Officer may waive the requirement for a written response if the matter has been informally resolved.

e. Investigation. If it appears that the matter cannot be informally resolved, the Grievance Officer will proceed with the investigation. The investigation may be informal but shall be impartial and as thorough as appropriate under the circumstances. The Complainant and the accused party shall be given an opportunity to submit evidence relevant to the filed complaint. The Grievance Officer may also interview persons who the officer believes may have knowledge bearing on the matter and may require the Complainant or accused party to provide additional documentation, information or evidence that the officer deems appropriate.
Determination and Resolution. The Grievance Officer will prepare written recommended findings as to the validity of the complaint and will, after consultation with the area Vice President, recommend resolution of the complaint, if any (“Recommendation”). The Recommendation will then be given to the area Vice President, who will make the final decision and communicate the decision to the Complainant and the accused party (“Determination”).

g. Reconsideration. Either party may appeal the Determination by filing a notice of appeal (“Notice”) with the President of the University. The Notice must be filed within five business days after receipt of the Determination and must include a copy of the Determination and a description of the issues being appealed. Copies of the Notice shall be provided by the appealing party to the Grievance Officer and the appropriate area Vice President. The Grievance Officer will provide a copy of the Notice to the other party. The other party may file a rebuttal statement to the appeal within five business days after receipt of the Notice. The President (or designee) shall review the matter and take any appropriate action, including, but not limited to, affirming, modifying or reversing the Determination or requiring that additional investigation be performed. The President shall provide a written decision to both parties, the appropriate area Vice President and the Grievance Officer.

OFFICE OF HEALTH PROMOTION AND WELLNESS

The Office of Health Promotion and Wellness (HP&W) is committed to advancing the health and well-being of the University of St. Thomas community. Health Promotion and Wellness responds to the needs of the students and the UST campus at large by developing preventative and active outreach programs in conjunction with peer educators.

Outreach Programs

- Programs include alcohol awareness, stress, depression and suicide prevention, substance abuse, fitness and nutrition, men’s and women’s health issues, etc.
- A health fair is held every spring in conjunction with local health and wellness agencies.
- HP&W also disseminates prevention and educational literature.

Real Education About College Health (REACH) Peer Educator Program

The mission of Real Education About College Health (REACH) Peer Educators is to provide a student-to-student education network that serves as a resource for UST students. REACH Peer Educators will serve as educators and role models to reduce risk in behavioral choices in accord with the Catholic tradition.

REACH Peer Educator Program Goals:

- Develop and maintain a thriving student network
- Provide resources that promote and support peer education activities
- Facilitate effective communication between peer educators and advisor
- Develop trustful and non-judgmental relationships with other students
- Assess and recognize the needs of students in order to implement relevant outreach programs
REACH is a group of students who are passionate about health and wellness. These students educate their peers through programs, literature and by personally leading healthy lifestyles. If you are interested in becoming a peer educator, please contact the Office of Health Promotion and Wellness at 713-525-3513 or wellness@stthom.edu

Health Services

- UST is partnering with The University of Texas Health Services (UTHS) in the Medical Center to provide medical assistance to students. UTHS is listed as a Primary Care Provider with Medicare and most insurance plans.
- Students who need medical assistance and visit the UTHS clinic.
- UTHS is located at 7000 Fannin, Suite 1620, in the Medical Center.
- Questions about service or transportation may be directed to the Office of Health Promotion and Wellness at 713-525-3513 or wellness@stthom.edu.

For questions about medical services available or to make an appointment, please call UTHS at 713-500-3248.

UST Shuttle Service

- Students may travel to and from UTHS by riding on the shuttle provided by UST. Contact UST Security at 713-525-3888 for current shuttle availability. The shuttle runs August – May. The shuttle is located in the circle drive between Guinan Residence Hall and the Moran Center Parking Garage on Graustark St.

Insurance

- The Office of Health Promotion and Wellness has information on several student health insurance plans for students offered by independent providers.

Contact the Office of Health Promotion and Wellness for additional information at 713.525.3513 or wellness@stthom.edu.

CAREER SERVICES AND TESTING CENTER

Career Services offers a variety of activities, events and services to assist students and alumni with career planning and job searching. In addition to services directly related to career issues, Career Services also works with students who need assistance in selecting academic majors. The Career Services office oversees the Student Employment Program and, in collaboration with the Office of Alumni Relations, manages Insights, a mentoring program that matches graduating students with UST alumni. For more information, call 713-525-3160, or visit www.CeltCareers.com

Career Services available include:

- career counseling
- career resource library
- resumé writing assistance
- interview skill development
- job search correspondence
- career testing
- online job and internship listings
- job fairs and other career events
- on-campus recruiting
- salary information
The Testing Center administers academic makeup tests and tests for students granted special accommodations by the Committee for Academic Accommodation. For more information and to view the complete testing policy, visit www.CeltCareers.com. To schedule a testing appointment, visit the Testing Center on the second floor of Crooker Center or call 713-525-3160.

OFFICE OF RESIDENCE LIFE

The Office of Residence Life supports the mission of the University through creating living-learning environments that meet the developmental needs of the students and embrace the religious and intellectual traditions of Catholicism. Catholic values shape our housing philosophy, programs, and policies that non-Catholic Christians and non-Christians alike can share: humility, respect for life, charity, honesty, compassion, justice, knowledge, freedom of inquiry, responsibility, family, friendship and community. These values prepare our student-residents not only to become good citizens but, more importantly, to become responsible stewards of all creation.

Nothing more clearly demonstrates the University’s commitment to the safety, security, comfort and well-being of its student-residents than the quality and quantity of people selected to oversee the daily operation of its Residence Life program. The University maintains one of the lowest student-to-staff ratios in the country. Every member of the Residence Life staff, from the full-time administrators to the paraprofessional student-staff (Area Coordinators, Resident Assistants, and Sophomore Advisors), has been carefully selected and trained to meet the needs of the student-resident population. The staff diligently works to get to know every resident on a personal basis and build a community living environment where everyone feels welcomed and valued. Professional and paraprofessional staff reside on campus and are available 24/7 to assist residents when classes are in session. Many other full-time professionals, including a licensed psychologist, two licensed professional counselors, and public safety personnel, are available on-call to assist our Residence Life staff.

Facilities

The University maintains a variety of housing options for students, and all are conveniently located within a short walking distance of our academic and student life malls. Students interested in taking advantage of living on campus may apply for housing in Guinan Residence Hall or upper-class student apartments in Young Residence Hall. Residents of Guinan Hall and Young Hall must purchase one of the meal plans offered by the University.

Guinan Residence Hall

Guinan Hall, our three-story, 300-bed residence hall, opened for occupancy in the fall of 2003. This facility has been designed to support the most advanced technological needs of today's students as well as for opportunities to develop close and supportive friendships.

Guinan Hall offers fully furnished double occupancy rooms with private bathrooms, individually controlled thermostats, and microwave/refrigerator combination units. All rooms are equipped with Ethernet and cable. Rooms are designed around beautifully manicured gardens and courtyards, and every room opens onto a balcony or patio. Residents have twenty-four hour access to multiple community spaces and services: game area, television lounges, computer lab, meditation room, conference room, laundry room, and study rooms.
The safety and security of our residents are our highest priority. Entry to the residence hall is through the lobby. Trained paraprofessional personnel monitor the lobby twenty-four hours a day, seven days a week, when classes are in session. Increased security is provided through video monitoring of our lobby and emergency exits. Key control is maintained through a computer-regulated, card key access, and our desk personnel maintain constant contact with trained University security personnel. In the event of a medical emergency or crisis, our housing staff has immediate access to trained professional staff.

**Young Residence Hall**

Young Hall is located on the south side of campus and available for upper-class and non-traditional students who want to continue to benefit from a residence life community. Residents can choose from one of three floor plans that include full-service kitchens with a dishwasher, stove and refrigerator; hardwood floors in living and dining room; and carpeting in the bedroom. All apartments are equipped with Ethernet and cable.

Young Hall also features a resident assistant staff, maintenance staff, on-site laundry, center courtyard, weekly custodial service, and monthly planned events that seek to enhance the growth of all community members. A high level of security measures is provided through video monitoring and safety rounds conducted by our Security personnel.

**Services and Amenities**

Residents of campus housing have the advantage of participating in activities designed specifically for them that encourage growth and autonomy. Each week our Residence Life Staff create opportunities for residents to become involved in our community through participation in social, spiritual, human awareness, health, and academic programming. In addition, numerous leadership-development opportunities are available for our student-residents: membership on the Residence Life Judicial Board or Residence Council, employment opportunities through Residence Life, and participation in community service opportunities.

**Eligibility**

Students become eligible for campus housing once they receive formal notice of admission to the University and pay the enrollment deposit. Resident students must be enrolled full-time and must be pursuing a degree at UST. According to Texas State Law, all residents must be vaccinated for Meningitis at least 10 days prior to moving into the residence halls. Housing Application forms are available online on the Residence Life Webpage. When the Office of Residence Life receives a completed Housing Application and Immunization Records, the student will be sent a Housing Contract. Students must complete this contract and return it to the University with a security deposit. This deposit covers damages that may occur during the contract term, and it serves as a room reservation fee. Upon request, the deposit is returned to the student at the end of the contract term if the terms and conditions of the housing contract have been fully met.
Assignment

The University endeavors to maintain a balance in the number of spaces allocated for occupation by first-year traditional and upper-class students. Assignment for first-year traditional students is on a first-come, first-served basis with preference given to those with the earliest contract and deposit-receipt date.

Students who do not receive a housing assignment may request to have their names placed on the Residence Life Waiting List. The University maintains full and final authority to determine assignment from the Housing Interest List. Among the criteria considered for placement are classification, permanent address, access to transportation, special needs, and/or financial aid/scholarship status.

Information

Residence Life housing information is available through the Office of Residence Life, 713-525-3836, residencelife@stthom.edu.

OFFICE OF CAMPUS MINISTRY

The Office of Campus Ministry organizes worship and spiritual activities in the Catholic tradition. Students are encouraged to get involved in campus liturgical programs, retreats, Bible studies, and volunteer experiences to integrate more fully their spiritual and academic development. All members of the University community are invited to participate in the services of Campus Ministry.

At the beginning of each fall semester, the campus-wide traditional Mass of the Holy Spirit draws the campus community together to dedicate the academic year to the wisdom and guidance of the Holy Spirit. At the beginning of each spring semester, the campus-wide Mass of St. Thomas Aquinas prays for the guidance of the patron of the University of St. Thomas.

The Basilian Fathers and visiting priests celebrate three Masses in English daily, two Sunday Masses, and a weekly Mass in Spanish throughout the academic year. The Sacrament of Reconciliation is offered six days a week.

Campus Ministry sponsors weekly 24-Hour Eucharistic Adoration that is fundamental to UST campus spirituality and growth. Students, faculty and staff participate each year by spending an hour of Eucharistic adoration each week and praying the Divine Mercy Chaplet and Rosary.

The RCIA program for faculty, staff and students is offered during the academic year.

Campus Ministry supports four student groups: the Knights of Columbus, the Legion of Mary, Catholic Daughters, and Celts for Life. Campus Ministry also collaborates with other UST departments to assist university members in current issues and volunteer activities.

The Chapel of St. Basil the Great

The Chapel of St. Basil is the center of the University’s spiritual life and mission. The location of the Chapel of St. Basil and the Doherty Library at opposite ends of the academic mall represents faith and reason in dialogue at this Catholic University. The Chapel’s name is derived from St. Basil the Great, the patron saint of the Basilian Fathers-- the Catholic religious congregation that founded the University of St. Thomas. The Basilian Fathers are dedicated to education and evangelization through the charism of Jesus Christ, the teacher.
Designed by Philip Johnson, the Chapel is a prominent place of prayer and worship for the University community. The Chapel of St. Basil is world renowned for its post-modern architecture that creates a sacred silence of space. As such, the Chapel attracts national and international visitors interested in this Houston landmark. Tours may be booked through the Campus Ministry Office by phone: (713) 525-3589 or email: campusministry@stthom.edu.

**JOHN H. CROOKER UNIVERSITY CENTER**

Crooker Center is the hub of student extracurricular activities and the location of many offices. These include Student Affairs, Campus Ministry, Career Services and Testing, Counseling & Disability Services, Dean of Students, Student Activities, Academic Advising, Tutorial Services and Dining Services. Some of these offices comprise the Mendenhall Achievement Center. Additional student offices include the Student Government Association, Student Activities Board, Sport Club Association and the Council of Clubs. Crooker Center is also the location of the Council of Clubs Room and the Ahern Room.

**JERABECK ACTIVITY AND ATHLETIC CENTER**

The John D. Jerabeck Activity and Athletic Center (JAAC) is the focal point for the University of St. Thomas intercollegiate athletics, campus recreation, and physical fitness activities. It houses the Department of Athletics and the Department of Recreation and Sports Services.

The JAAC has a basketball/volleyball arena with bleacher-seating capacity for more than 800 spectators, three racquetball/handball courts, men’s and women’s locker rooms, a weight room, a fitness room, a dance room and several large classrooms. Outdoor facilities at the JAAC include the Hackett Athletic Complex, two tennis courts, a swimming pool, a half-court basketball court and a sand volleyball court.

The JAAC is open seven days a week, excluding holidays. The University encourages its entire community of students, faculty, and staff to participate in the many activities that the JAAC offers.

**Sport Clubs**

The Director of Recreational Sports is responsible for managing the recognition of and advising of sport club activities. Questions concerning sport clubs should be forwarded to the Sport Club Association President at 713-525-3874 or to the Director of Recreational Sports at 713-942-5036, domannj@stthom.edu

Following is the current list of recognized sports clubs:

- Coed Cheerleading
- Coed Fencing Club
- Coed Martial Arts Club
- Coed Tennis
- Coed Ultimate Frisbee
- Men’s Baseball Club
- Men’s Rugby Club
- Women’s Soccer
- Coed Surfing
ATHLETICS

In 2006, UST returned to intercollegiate athletics by beginning a woman’s volleyball program. After one season, the Lady Celts were joined by men’s soccer. The University further expanded into college athletics by adding men’s basketball in 2009, and additional teams will be added in the future.

The University is a member of the National Association of Intercollegiate Athletics. The NAIA promotes education and development of students through intercollegiate athletic participation. Member institutions, although varied and diverse, share a common commitment to high standards and to the principle that participation in athletics serves as an integral part of the total educational process.

UST competes in the Association of Independent Institutions. The AII allows NAIA independent schools to compete for conference and postseason championships. The AII also allows the Celts to match up with teams across the country.

For more information about the AII, visit www.aiisports.com.

The UST Athletic Department is committed to create a first-class environment by recruiting, developing and retaining outstanding student athletes who will maximize their potential intellectually and athletically while at UST. We are dedicated to provide the resources and leadership for our student athletes to succeed on the playing fields and in the classroom. We are determined to graduate Champions of Faith and Character. For more information about athletics, contact the Director of Athletics, Todd Smith, at 713-831-7214.

STUDENT ORGANIZATIONS AND ACTIVITIES

OFFICE OF STUDENT ACTIVITIES

The Office of Student Activities (OSA) supports the mission of Student Affairs and the University by its specific mission of complementing the academic program and enhancing the overall educational experience of students. The OSA seeks to assist in integrating new students into the University and developing the leadership and social skills of all students. The OSA is directly responsible for the Student Activities Board, the Councils of Clubs, and the new student orientation and leadership programs.

The OSA accomplishes its mission through development of, exposure to, and participation in new student programs; social, cultural, intellectual, recreational, and governance programs; and activities for current students. A major goal is to encourage self-directed activities by both traditional and non-traditional students, thus providing opportunities for skill development, self-realization, and growth in individual and group settings.

STUDENT CLUBS AND ORGANIZATIONS

Al-Nadi – This organization was established to promote the Arabic culture and community on the UST campus.

Black Student Union (BSU) – The members of the BSU share a common vision in promoting awareness of the African-American culture within the University of St.
Thomas community and abroad. While promoting the cultural, social, and economic advancement of the African-American, the BSU seeks to enhance the experiences of its members through social support and educational programs that enable each student to develop essential leadership skills. Membership is open to all students without regard to race, sex, or religion.

**Celts for Life** – This group was established to promote the Catholic Church’s pro-life stance on campus. Members have attended the March for Life in Austin and Washington, D.C.

**Coed Cheerleading** – The Cheerleading Club’s goal is to increase school spirit and involvement in sports and athletics on campus. The club performs routines at all varsity and club sporting events. The cheerleaders make many appearances at University events through departments such as Alumni Relations, Recreational Sports, and Student Activities. Tryouts take place in the fall of every year, and all skill levels are welcome to tryout.

**Coed Tennis** – Club members compete in tournaments throughout the year at many locations within Texas. Practice takes place weekly at the Jerabeck Activity and Athletic Center. The team has placed in several tournaments and continues to increase in size. The team is open to all skill levels.

**Coed Ultimate Frisbee** – Ultimate Frisbee club is St. Thomas’ newest club and works extensively with HBU and Rice University. The team is in the process of forming its own league with universities in the surrounding area. It practices weekly at the Hackett Athletic Complex and has regular pickup games and scrimmages. Anyone is welcome to join a pickup game to see if this is the club for them.

**Council of Clubs** – The Council of Clubs (COC) encourages club interaction and offers a support network among club leaders. Other goals include coordinating a calendar of events, providing a forum for intraclub and interclub disputes, and serving as a center for information on current organizations. A list of officially recognized clubs and organizations can be found in the Student Activities Office.

**Environmental Concerned Organization of Students (ECOS)** – The purpose of this group is to provide campus awareness of environmental issues and promote campus-wide participation in practical application of these issues and other environmental practices. The club functions under the Office of Volunteer Opportunities umbrella.

**Fencing** – The Fencing Club is open to both female and male students. The club is a member of the United States Fencing Association and competes in sanctioned tournaments throughout the region.

**Graduate Student Association (GSA)** – The mission of The Graduate Student Association (GSA) is to represent and support the interests of the University’s current and future graduate student community by supporting scholarly activities and providing leadership, service, and social opportunities for its members. The GSA exists to enrich the experience of the University's graduate students and interested undergraduate students. The GSA accomplishes these objectives by responding to the changing collective needs of our primary constituents. The GSA is designed to serve all UST students.
Health Awareness Club – This club focuses on promoting issues of health awareness such as depression, H1N1, the importance of blood drives and much more.

HOSA – This chapter’s mission is to promote career opportunities in health care and to enhance the delivery of quality health care to all people.

International Student Association (ISA) – This organization assists international students with the transition to life at the University and within the Houston community. Open to all students, the ISA focuses on representing the international students on campus.

Lebanese Student Association – The Lebanese Student Association at the University of St. Thomas is dedicated to promote Lebanese culture, lifestyle, language and history through educational and social means in Houston. It pledges to unite, support and promote the Lebanese culture on campus. It will also provide a friendly community for the Lebanese at St. Thomas.

Martial Arts Club (MAC) – The UST MAC wishes to increase knowledge and awareness of martial arts on the campus through classes and activity clubs. It offers students classes and seminars in self-defense and crime prevention, thereby helping to create a safer and more secure environment. Finally, it promotes a better understanding of the history and styles of martial arts.

Men’s Baseball – The Men’s Baseball Club participates in various adult leagues in the Houston area, plays at sites throughout the city of Houston, and also participates in games against other university club teams.

Men’s Rugby - The Men’s Rugby Club is a member of the Texas Rugby Union. The club competes against local and regional universities as well as against men’s adult teams.

Sigma Tau Delta – The purpose of this group is to confer distinction for high achievement in English language and literature in undergraduate, graduate, and professional studies. In addition, it presents programs to increase interest in the English language and literature.

Student Activities Board (SAB) – The board consists of students who plan and organize a wide variety of activities and events on campus. It provides movies, dances, formals, lectures, special events and recreational activities that make for a memorable collegiate experience. The office is located in the Student Activities Office on the first floor of the Crooker Center.

Student Government Association (SGA) – SGA is the student governing body composed of students working to improve student life at the University. It consists of two executive officers and four senators from each class, all of whom are elected at the end of each academic year. Student participation in decision-making is channeled through the Student Government Association, which communicates student interests to the University through the Office of Student Affairs. Student Government also appoints students to a number of committees of the University and Board of Directors.

Students Working Against Human Trafficking (SWAT) – is a new group that was established to promote the awareness of the human trafficking problem.
Summa, University Newspaper – The University of St. Thomas newspaper, The Summa, is student-run and serves a readership of approximately 3,000. Summa contacts all departments for articles and upcoming events. The staff consists of an editor, assistant editor, business manager, photographer, section editors (as needed) and writers. Experience is not necessary, but enthusiasm and determination are required to work on the Summa staff.

Swing Dance Club – This club was established for students who know how to swing dance as an opportunity to share their knowledge with the campus community.

Texas Club – This group was established to promote Texas history, Texas traditions and much more.

Unleaded – This organization works to increase the quality of life for the commuter students by offering a variety of activities, services and support which address the diverse needs of the commuter student population. Unleaded will act as an advocate for the commuter student population.

Vietnamese Student Association (VSA) – This organization fortifies Vietnamese identity by enlightening each Vietnamese student and those who wish to join us in this journey to discover and learn the history, culture and tradition of Vietnam so as to be able to weave a quilt that will express the wonder of our diversity.

Women’s Soccer – The Women’s Soccer Club competes in the Houston Club Sports Conference (HCSC). The league consists of Houston area colleges and universities and is active in both the fall and spring.

DEPARTMENTAL ORGANIZATIONS

Accounting Society – The purpose of the Accounting Society, established by the faculty and the students of the Accounting Department, is to provide advice, instruction and information to its membership. Through its membership, it acts as a liaison among its members, the accounting faculty and the personnel within the accounting profession.

American Chemical Society (ACS) – The objectives are to provide opportunities for students in chemical science to become better acquainted, to secure the intellectual stimulation that arises from professional association, to obtain experience in preparing and presenting technical material before chemical audiences, and to foster a professional spirit among members.

Association of Texas Professional Educators (ATPE) – The purpose of this association is to interest young men and women in the profession of teaching, to provide members with opportunities for developing personally and professionally, and for gaining an understanding of the history, ethics, and programs of the organized teaching profession. The group also promotes activities, services, and training for educators while developing and maintaining high standards of professional ethics among all professional educators.

Bilingual Education Student Organization (BESO) – BESO's main objective is to share information and resources among students and faculty members interested or involved in bilingual/bi-cultural education. It also serves as a resource for its members by creating professional development opportunities for them. The group has a strong tie to the School of Education on campus.
Cameron Business Society – The society functions to enhance the academic, social and professional pursuits of those interested in the field of business. Its goal is to further knowledge of the relationship between business and local, national and international events by inviting speakers and hosting various events for its members and the student body in general. An annual chili cook-off highlights the activities for this group.

Chi Rho – An academic club for anyone at UST interested in Catholic theology. The purpose of the club is to provide an opportunity to discuss theological topics, to gain exposure to career opportunities for theology majors and minors, to provide theology graduate school information, to foster Catholic tradition and heritage, and to participate in events pertaining to this field of study.

French Club – Known first as “Le Cercle Francais,” it is an organization available to all students of French courses and promotes cultural and intellectual activities in French. This organization will provide academic services as well as nonacademic activities to students.

GAAP – This graduate accounting group was established to promote the accounting profession among accounting graduate students.

History Society – This organization seeks to increase awareness of history as a multi-disciplinary field that serves as a means to attaining a more thorough comprehension of contemporary problems.

International Studies Society (ISS) – This society, headquartered at the Center for International Studies, was formed in the fall of 1984 to promote greater awareness of international issues throughout the University community. Membership is open to all interested parties, with automatic membership given to international studies majors. Main functions include fund-raising for the internship and scholarship programs, providing awareness of international events, stimulating interest and participation in student conferences, and sponsoring various other activities within the community.

Laurels – Laurels is a student-produced literary magazine that provides opportunities for writers, illustrators and photographers to have their work published. The magazine appears twice yearly, in fall and spring issues. It is sponsored by the English Department.

Math Club – This newly established group is for math majors and those interested in math problems and projects.

Model UN Club – This newly established group operates under the Center for International Studies. Campus delegates represent UST at Model UN competitions. Competition topics include those topics faced by current world leaders such as poverty, terrorism and global warming.

Pre-Health Professions Society – This organization wishes to create a more competitive and informed pre-health professions student and to provide that student with a support network in a cooperative environment.

Psi Chi Club – Membership in the Psychology Club is open to all students interested in psychology. Activities have included workshops on applying to graduate school, lectures by prominent professional psychologists, talks by UST alumni presently in graduate programs, the presentation of original research findings, and various community service activities. The senior banquet and induction reception are notable social events.
Irish Club – This group promotes the Irish culture and language via support from the Center for Irish Studies. St. Patrick’s Day is the highlight event that this organization participates in. Additional programs are held throughout the year.

Spanish Club – This club’s purpose is to enliven the interest in the Spanish language and Hispanic culture. Activities include enrichment opportunities such as sponsoring or attending lectures and films and visiting museums concerned with language or culture. All students are invited to participate, even those not currently studying Spanish, regardless of their level of ability.

Pi Sigma Alpha – The purpose of Pi Sigma Alpha is to represent the needs and interests of students enrolled in political science, the undergraduate student body of the University of St. Thomas, administration, faculty, and other members of the community as well as outside organizations interested in political science. Additionally, Pi Sigma Alpha stimulates and facilitates communication and interaction with the UST community and the surrounding community in Houston.

Thoroughfare – Thoroughfare is an annual student-produced magazine that provides opportunities for students to publish their works.

HONOR SOCIETIES

Alpha Psi Omega – Drama Honor Society - The Drama Program sponsors the Alpha Alpha Beta Chapter of the national Drama Honor Society, Alpha Psi Omega. Membership for Alpha Psi Omega is by invitation and is dependent on the quality and diversity of the individual’s achievement in Drama Program activities.

Alpha Sigma Lamda – A nationally recognized honor society for adult students in higher education, this group recognizes the special accomplishments of adults who achieve academic excellence while facing competing interests of home and work. Students 25 years of age or older who have completed at least 30 credit hours at the University (full-or part-time) with at least a 3.30 cumulative GPA are invited to membership in the University’s Theta Zeta chapter.

Alpha Tau Omikron Omega – Catholic Studies Honor Society – Promotes and recognizes scholarship, service, and integration of faith with professional preparation. The Honor Society inducts undergraduate and graduate students who have completed four courses in Catholic Studies (at least one core course; others may be cross listed through other departments). Students who hold a minimum cumulative GPA of 3.20; with a 3.30 in Catholic Studies courses are invited to apply. Normally undergraduate students are juniors or seniors in good standing. The Society serves at The Archbishop Miller Lecture Series and sponsors two other activities each year. It sponsors Candlelight Stations of the Cross on the Academic Mall during Lent and co-sponsors the Living Rosary in October with Campus Ministry. The annual Christmas Party, Spring Luncheon and St. Joseph Day Induction service highlight their social engagements. Honor cords are the papal colors (yellow and white); all members wear a designated pin.

Aquinas Honor Society – Membership in this society is open to graduating seniors whose cumulative GPA is 3.00 or better and whose semester average is 3.30 for at least five semesters of full-time study at the University. Candidates are inducted and are awarded keys at the annual Honors Convocation in the spring.
Aquinas Leadership Service Association – ALSA is an honorary student organization that offers service and leadership to the University. It attempts to assist the administration, faculty and staff in any way requested. Annual activities include hosting a faculty appreciation day luncheon in the fall, assisting as hosts at graduation exercises, escorting VIPs to the University, assisting at University meetings, participating in recruiting and admission efforts and helping with fundraising activities. Membership is open to all University students with at least 30 credit hours and a 3.25 GPA. New members are nominated by the faculty and are chosen by ALSA members. Initiation of new members takes place in October. ALSA members may be identified by their distinctive dress, a blue blazer with an ALSA patch or pin.

Beta Beta Beta – Tri Beta is the national Biological Honor society. Founded in 1922, it recognizes outstanding academic achievement in all areas of biology. Regular membership is open to students who have successfully completed three college biology classes and maintain a minimum biology GPA of 3.20 and an overall GPA of 3.00. Associate membership is available for those who do not fulfill regular membership requirements. The University of St. Thomas’ Nu Beta chapter was inducted into the national society in the fall of 1998. The chapter sponsors several functions each semester, including a speaker series and community volunteer opportunities. Candidates are inducted into the chapter in the fall.

Delta Epsilon Sigma – The Beta Omega Chapter of the National Catholic Honor Society elects to membership in the senior year the top 10 percent of the graduating class who have earned a minimum 3.50 GPA at the University, selected from those who have a record of outstanding academic accomplishment and who have helped to foster intellectual activities and show promise of becoming leaders because of the scope of their accomplishments. A limited number of students with at least a 3.80 GPA at the University may be admitted in their junior year. A minimum of 60 credit hours earned at the University is required for membership.

Delta Mu Delta – This is a national scholastic honor society in business administration with the objective of maintaining high standards for the recognition and promotion of academic excellence in higher education. Students majoring in accounting, business administration, economics, finance, management or marketing may become members under the following criteria. They must have junior or senior standing, must have completed at least half of the requirements for their degree, have completed at least 24 UST credit hours, have a cumulative GPA of 3.60 or better and be in the top 20 percent of their academic class. Only ACBSP-accredited schools are eligible for chapter membership.

Delta Phi Alpha – The National German Honor Society is represented on campus by the Theta Kappa Chapter. Students nominated for membership must have completed two years of college German beyond elementary level with at least a “B” average. The chapter’s purpose is to recognize excellence in the study of German and to encourage student interest in German language and culture.

Epsilon Delta – The Mathematics Department sponsors the Epsilon Delta Honor Society to recognize outstanding achievement by undergraduates in the study of mathematics. The society promotes an appreciation of the power and beauty of mathematics as well as its importance in the development of Western civilization. Membership is by invitation of the faculty.
Kappa Delta Pi – This is an international honor society in education, represented on campus by Pi Lambda Chapter. Membership is by invitation only to outstanding senior-level and graduate students in education. The society recognizes excellence in education through a program of speakers, scholarships and awards.

Lambda Pi Eta – The National Communication Honor Society. Honor society members must have completed 60 undergraduate credit hours, achieved a cumulative GPA of 3.00, and completed 12 credit hours in communication courses with a minimum GPA of 3.25.

Mu Phi Epsilon – UST’s international professional music fraternity is represented by the Gamma Tau Chapter. Membership includes faculty and music majors or minors who have been selected on the basis of scholarship and musicianship. The fraternity promotes the advancement of music in America and throughout the world. The Student Music Society is open to all students with an interest in music. The society’s activities include attendance at concerts and member performances at UST and in the community.

Pi Delta Phi – National French Honor Society is represented on campus by the Gamma Eta Chapter. Advanced French students with “B” or better grades in French and a “B” (2.80) average in all other studies are nominated to this society and are eligible for national scholarships. The students also must rank in the upper 35 percent of their class. The chapter welcomes beginning students of French as associate members who form le Cercle Français. It provides an informal opportunity for students to practice French language skills regularly outside the classroom setting. All students are invited to participate, even those not currently studying French, regardless of their level of ability.

Phi Alpha Theta – The History Department sponsors the Upsilon Gamma Chapter of Phi Alpha Theta, the International History Honor Society. It promotes the study of history by encouraging research, teaching, publication and the exchange of ideas. Students who complete 12 credit hours in history and maintain a “B” average are eligible for membership.

Phi Sigma Tau – The Philosophy Honor Society is represented on campus by the Texas Epsilon Chapter. This society’s purpose is to recognize and foster excellence in philosophy and to supplement classroom study of philosophy with outside activities such as discussions, talks and tours. The society also publishes undergraduate essays in its semi-annual periodical, “Dialogue.” To be invited to membership in the International Society, a student must ordinarily have completed at least three philosophy courses with superior grades and maintain a cumulative GPA of 3.00.

Psi Chi – Psychology Honor Society - Psi Chi, the National Honor Society in Psychology, founded in 1929 for the purpose of encouraging, stimulating and maintaining scholarship in the science of psychology, is an affiliate of the American Psychological Association. Its two major goals are to recognize academic scholarship and to nurture the creative spark of scholarship and research through discussions, lectures by eminent psychologists and promoting undergraduate research. Membership in Psi Chi requires successful completion of 9 credit hours in psychology at UST and a GPA of 3.00 overall and in psychology courses.

Sigma Tau Delta – English Honor Society - Membership in the National English Honor Society chapter is open to all English majors and minors who have completed 12 credit hours of English with a GPA of at least 3.00 and who are in the top 35 percent of their class. Initiated members promise to foster the reading and study of literature in their own lives and those of other people.
Sigma Iota Rho – Established in 1994, it is the international studies honor society on campus. The purpose of this organization is to promote and reward scholarship and service among students and practitioners of international studies, international relations and global studies and to foster integrity and creative performance in the conduct of world affairs. Membership, by invitation only, is open to outstanding junior- and senior-level students.

Theta Alpha Kappa – The Theology Department sponsors a chapter of the Theology Honor Society, Theta Alpha Kappa. It encourages the study of the various branches of theology by promoting discussion, research and publication. Membership is open to all interested students who have completed three semesters of study at the University with an overall GPA of 3.00 and a minimum of four courses in theology with a GPA of 3.50 in those courses.

Theta Omega – This chapter of Sigma Delta Pi, a National Hispanic Honor Society, elects to membership those students whose entire academic achievement has been outstanding. The objective of the chapter is to stimulate the students’ interest in the cultural and intellectual features of the community and of the Hispanic world.

CODE OF STUDENT CONDUCT

The University of St. Thomas expects a high standard of conduct from all of its students. Appropriate to our Catholic identity, these standards are grounded in the University’s mission statement and the Basilian tradition. The Code of Student Conduct specifies both individual and group behavioral expectations that students must maintain to meet these standards as well as the process followed when these standards are not met. The personal conduct of a student becomes a concern of the University when it contradicts the standards expressed in the Code of Student Conduct. The Office of the Vice President for Student Affairs administers the University’s non-academic regulations listed in the Student Handbook, which can be found on the University of St. Thomas Website at www.stthom.edu. All regulations apply equally to both residential and non-residential students. In addition, the University expects its students to obey all local, state and federal statutes.

Questions regarding the Code of Student Conduct may be directed to the Office of the Vice President for Student Affairs (713) 525-3570.

Student Complaints

Students who have a complaint or concern regarding the programs and services offered by the University of St. Thomas should contact the Vice President for Student Affairs. All formal complaints made to the Vice President for Student Affairs must be in writing and include the name, address, email address (if one exists), and phone number of the concerned individual(s), as well as a description of the issue. No anonymous complaints will be accepted.

Vice President for Student Affairs
University of St. Thomas
3800 Montrose Blvd
Houston, Texas 77006
Phone: (713) 525-3570
Email: studentaffairs@stthom.edu

The Texas Higher Education Coordinating Board
P.O. Box 12788
Austin, Texas 78711
Phone: (512) 427-6101
ACADEMIC ADVISING

ACADEMIC ADVISING

Academic advising is central to the educational mission of the University of St. Thomas and embodies respect for the dignity of human persons unified in their several roles as student, family member, citizen, and professional. Every student entering UST is assigned to a faculty advisor and is also supported by the resources of the Academic Advising Center. The Center specializes in high quality advising and offers special help with major selection and degree planning as well as course scheduling and registration. Students are encouraged to explore their natural gifts, desires, and goals and are guided in crafting an appropriate, individual academic plan in keeping with those goals.

ACADEMIC ADVISORS

First-Year Advising

All freshmen entering the University of St. Thomas participate in the First Year Experience program. It is designed to prepare incoming students for success in the University environment. Incoming students attend Freshman Advising and Registration sessions to develop a personalized course of study for their first semester. They learn about the University’s history, its core curriculum and become acquainted with expectations they will be challenged to meet as UST students. They also become familiar with some of the support services available on campus.

Freshmen are placed with highly qualified and dedicated First Year Experience advisors. These advisors are not major specific advisors; rather, they offer their expertise in helping freshmen develop their academic plans for the current and coming years at the University of St. Thomas. Students meet with their First Year Experience Advisor throughout their freshman year.

Major Program Advising and Declaring a Major

After successfully completing one year of course work (24-30 credit hours), students are eligible to declare a major program in consultation with the chair of the department in which they wish to pursue concentrated study. The major should be a subject in which the student has shown special interest, ability and achievement. Subsequently, the department chair or a faculty member appointed by the chair will guide students in thinking through professional goals consistent with life goals and in developing a strategic academic plan. Students should meet with this academic advisor at least two times each semester to discuss progress, review degree plans, explore graduate school and professional opportunities, and select courses for the following semester. Students must declare a major after completing two years of course work (48-60 credit hours). In all cases students must process a Declaration of Major Form (available online at the Registrar’s site) for the major to be official.

Transfer Student Advising

Transfer students are assigned to the chair of the department in which they have expressed primary interest. Students process their Declaration of Major Form (available online at the Registrar’s site) in consultation with the chair, who may
continue as academic advisor or appoint a faculty member. A student should meet with this academic advisor at least two times each semester to discuss progress, review degree plans, explore graduate school and professional opportunities, and select courses for the following semester.

Changing a Major

Students may change their major at any time in consultation with the current advisor and the chair of the newly selected department. Before changing majors, students should consult the Academic Advising Center to review degree plans to assess any additional degree requirements, time and cost associated with a change in major.

Adult Students

First-time and returning adult students receive special assistance through the Office of Admissions, the Director of Academic Advising and special orientation programs. Adult students are assigned to the chair of the department in which they have expressed primary interest. A student processes the Declaration of Major Form (available online at the Registrar’s site) in consultation with the chair, who may continue as academic advisor or appoint a faculty member as advisor. A student should meet with the academic advisor at least two times each semester to discuss progress, review degree plans, explore graduate school and professional opportunities, and select courses for the following semester.

DEGREE PLANS AND APPLICATION TO GRADUATE

Students who have accrued 60 credit hours toward a bachelor’s degree at the University of St. Thomas must have a proposed degree plan on file in the department of their major or with their academic advisor. The degree plan must include core curriculum requirements as well as all requirements related to completion of the student’s academic program or major field of study.

A Final Degree Plan is a required part of the student’s application to graduate, and no student will be allowed to graduate without having such a plan approved by the Degree Auditor.

STUDENT RESPONSIBILITIES

Students are responsible for keeping their own records and for knowing the University’s policies and regulations, those of a general nature as well as those pertaining to their particular program of studies. The ultimate responsibility for the student’s academic program and orderly progress through the University curriculum rests with the student. If anyone advises a student contrary to the University’s stated policies and regulations, the student should consult the dean of the school involved or the Registrar.

ACADEMIC REGULATIONS FOR VETERANS AND DEPENDENTS

Academic regulations for veterans and dependents of veterans are administered by the Registrar’s office. Eligible veterans and dependents receive monthly payments for their entitlement based on the course work for which they enroll. In compliance with
U.S. Veterans Administration regulations, students who receive educational benefits from the VA must meet and maintain certain standards. Students must select courses with care, making certain that each course meets VA requirements. For this reason, students receiving VA educational benefits are required to consult with their academic advisors and submit a copy of a signed degree plan to the VA Certifying Official in the Registrar’s Office. Students must notify the VA Certifying Official of their continued enrollment every semester and also of any changes in their registration during the semester. The following are the requirements that must be met in order to receive VA monthly payments:

1. A student receiving VA educational benefits must pursue a program of single objective only. Double and joint majors or programs are not allowed unless approved by the VA.
2. No course may be taken as a remedial, deficiency or refresher course without proper documentation.
3. Each course must fulfill a requirement for graduation in the degree program.
4. No course may be taken as an “audit” course.
5. No course may be a repeat of a course for which credit has already been received.
6. Each course must be completed and assigned a grade that will be used to compute GPA and count toward the degree. Withdrawal from courses without mitigating circumstances and with the result of no credit or grade being awarded will cause benefits to be terminated retroactively from the beginning date of the semester, creating an over-award and the possible obligation to repay the Veterans Administration.

All students receiving VA educational benefits must maintain “satisfactory progress” by achieving the required minimum cumulative GPA, based on the total hours attempted.

To ensure satisfactory progress, transcripts of those students receiving VA benefits will be monitored at the end of each semester. Should the student complete a semester with a GPA below the required minimum, a warning notice will be given to the student advising that satisfactory progress is not being maintained and that he/she will be placed on academic probation for one semester. A student who incurs academic probation for two consecutive semesters or who incurs academic suspension for any semester shall be reported to the VA regional office as making unsatisfactory progress. VA benefit payments will be terminated due to unsatisfactory progress. A student whose benefits are terminated because of unsatisfactory progress, and who is permitted to re-enroll in the University, must apply to the Veterans Administration to request reinstatement of educational benefits.

**Vocational Rehabilitation**

The Texas Rehabilitation Commission offers assistance for tuition and required fees to students having certain physical or emotional handicaps, provided vocational objectives selected by the handicapped persons have been approved by appropriate representatives of the commission. Through this state agency other rehabilitation services are available to assist handicapped persons to become employable. Applications for assistance should be made to the nearest rehabilitation office.
ACADEMIC REGULATIONS FOR INTERNATIONAL STUDENTS

The International Student Advisor administers academic regulations for nonimmigrant alien students. In addition to complying with the general academic regulations of the University, students from foreign countries who are enrolled on F-1 student visas are required by law to maintain a minimum full-time status (12 credit hours) during every regular semester and to be progressing toward a degree from the University. Such students must obtain the permission of the International Student Advisor before dropping a course, changing majors or programs, or withdrawing from the University. For this reason the enrollment status of all international students is monitored every month. To remain in compliance with the terms of their visa, F-1 students may not work without authorization, nor may they leave the country without obtaining a travel endorsement from the International Student Advisor. A student who fails to comply with the terms of the F-1 visa status will lose the right to enroll in the University until such time as the visa is reinstated by the Bureau of Citizenship and Immigration Services.

ACADEMIC STANDARDS

GENERAL ACADEMIC POLICIES

The University reserves the right to modify courses listed in this catalog, to add courses to the list of offerings and to cancel scheduled courses with insufficient enrollment.

Course Registration

Enrollment in any course is subject to approval of the department offering the course in order to ensure that students are adequately prepared for the course level and content. Students should pay careful attention to published course prerequisites and other relevant information in this catalog. Decisions of the department may be appealed to the Academic Committee.

Students should meet with their advisors appropriately and/or consult the Director of Academic Advising to verify that they are registering in accordance with their degree plans. However, students have the ultimate responsibility for all decisions regarding course registration.

Explanation of Course Numbers

Courses are identified by subjects and four-digit numbers. The first digit indicates the level of a course. A “1” indicates first-year or entry level, while “3” and “4” indicate upper-division and typically presume prior completion of courses beginning with “1” or “2.” The second digit indicates the number of credit hours earned for successful completion of the course. The final two digits indicate the departmental sequence. Thus, Chemistry 1341 is a first-year chemistry course carrying 3 credit hours, and Chemistry 1141 is a first-year course carrying 1 credit hour. These two courses are lecture and lab for first-year General Chemistry and together total 4 credit hours.

Credit Hours

The unit of measurement for academic work is the credit hour, representing fifty minutes of class lecture or contact time per week for one semester. Two to four laboratory clock hours are usually required for earning 1 credit hour in a laboratory course.
Semester Load

The minimum load an undergraduate student must carry to be considered full-time is 12 credit hours in each regular (fall or spring) semester. There is no minimum load for summer sessions.

The maximum load for an undergraduate student is 19 credit hours in each regular semester and 12 credit hours (adjusted if a course carries a laboratory requirement) in the summer term, but no more than two courses in any summer session of which there are two. A student with a cumulative institutional GPA of 3.00 or higher may request permission to take an overload of not more than three credit hours per semester. Permission must be recommended by the student’s academic advisor and approved by the dean of the appropriate school.

Adding, Dropping, Changing Courses

Students wishing enrollment changes, such as adds, drops, change of section, change of level (upper and lower division), or change of grading basis (graded, audit, and pass/fail) must follow the deadlines published in the academic calendar for the current semester. Adds, drops and change of section should be completed online using myStThom. All other changes require the appropriate form and must be completed in the Registrar’s office no later than the deadline for 100% refund.

For fall and spring semesters, courses officially dropped through the 12th class day are not recorded on the transcript. From the 13th class day and ending with the last day of the 11th week of each semester, official drops are recorded as “W,” a grade not computed in the GPA. Students should transact all drops before the withdrawal deadline by using mystthom.

Audit Students

Auditors of courses at UST are classified as non-degree seeking students. Enrollment in a course as an audit student is on a noncredit basis, and a grade of “AUD” will be issued for the completed course. A record of the course audited appears on the transcript if the student course completes. Change in status between audit and credit is not permitted after the 100% refund deadline. An audit student who misses more than four weeks of classes, consecutively or not, will be reported to the Registrar, and no record of the course will appear on the student’s transcript.

Courses are available for audit at the discretion of the instructor and on a space-available basis. Students may complete and submit an audit registration form at any time during the registration period, but space availability will not be determined until the Friday before the start of the term. The Registrar’s Office will notify students by phone if they have been assigned an audit space. Spaces will be assigned on a first-come/first-serve basis.

Tuition for auditing a course must be paid by the last day of Late Registration for the term in which the course is being offered.

Classification

A student’s classification is based on the total number of credit hours successfully completed: freshman, 0 through 29 hours; sophomore, 30 through 59 hours; junior, 60 through 89 hours; senior, 90 hours and above.
### Grading and Point Equivalents

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points per Credit Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.000</td>
</tr>
<tr>
<td>A-</td>
<td>3.700</td>
</tr>
<tr>
<td>B+</td>
<td>3.300</td>
</tr>
<tr>
<td>B</td>
<td>3.000</td>
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<tr>
<td>B-</td>
<td>2.700</td>
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<tr>
<td>C</td>
<td>2.000</td>
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<tr>
<td>C-</td>
<td>1.700</td>
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<tr>
<td>D+</td>
<td>1.300</td>
</tr>
<tr>
<td>D</td>
<td>1.000</td>
</tr>
<tr>
<td>F</td>
<td>0.000</td>
</tr>
<tr>
<td>P</td>
<td>Credit earned without affecting on the student’s GPA. See the policy on Pass/Fail Option.</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete. At the discretion of the faculty member, a grade of “I” may be assigned to a student who has successfully completed [i.e., with at least a passing grade] a majority of the work of the class and who has an unavoidable and compelling reason why the remainder of the work cannot be completed on schedule. Upon completion of the work within the next regular semester at the time prescribed by the faculty member (no later than the end of the following regular semester), the faculty member will award the student a letter grade, including the possibility of an “F.” An “I” grade that is not replaced by a letter grade or an “IE” grade will automatically become a grade of “F.”</td>
</tr>
<tr>
<td>IE</td>
<td>Incomplete Extended. At the discretion of the faculty member, a grade of “IE” may be assigned to a student for one semester if the situation warrants. The “IE” grade that is not replaced by the end of the semester for which it was issued will automatically become a grade of “F.”</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal or drop from a course without jeopardy or effect on GPA, in the period beginning with the 13th day of classes and ending with the last day of the 11th week of a regular semester. The student must complete an official form from the Registrar’s Office within the specified timelines. Failure to withdraw officially from any or all courses can result in a grade of “F.”</td>
</tr>
<tr>
<td>AUD</td>
<td>Audit only; no credits earned.</td>
</tr>
<tr>
<td>NGS</td>
<td>No grade submitted. This is a temporary notation used when a faculty member has not submitted a grade by a prescribed deadline. The course grade is pending. The faculty member will report the actual course grade by means of the official Request for Grade Change Form. NGS has no effect on a student’s term or cumulative GPA.</td>
</tr>
</tbody>
</table>
The description and interpretation of the letter grades is as follows:

- A, A- = Excellent (unusual and superior achievement)
- B+, B, B- = Good (above average, articulate achievement)
- C+, C = Satisfactory (average work)
- C-, D+, D = Passing (below standard)
- F = Failing

The GPA is calculated by adding the total number of grade points earned and then dividing by the total number of hours attempted at the University.

To achieve the minimum GPA required for a degree, the student must have obtained at least twice as many grade points as hours attempted at the University of St. Thomas. Courses taken outside the University of St. Thomas are not calculated in determining grade point averages.

### Withdrawal from the University

At any time a student may officially withdraw from the University by completing the appropriate form from the Registrar’s Office, whereupon a “withdrawn from the University” will appear on his or her transcript for that semester. Financial aid recipients must also notify the Office of Scholarships and Financial Aid. Students receiving veterans benefits must notify the Registrar.

As with dropping an individual course, failure of a student to withdraw officially can result in the awarding of “F” grades for all courses.

Students are strongly encouraged to consult with their academic advisors prior to any type of withdrawal. A student who has withdrawn from the University must contact the Admissions Office regarding readmission. (See readmission on p. 12 and 13).

### Medical Withdrawals

Students wishing to secure a medical withdrawal must submit a hard-copy doctor’s note on official letterhead indicating the diagnosis, length of time under the doctor’s care, and the doctor’s recommendation. The student must also submit a personal request to withdraw for medical reasons, either via an Add/Drop form or personal letter. All documentation must be submitted to the Registrar no later than the last day of classes for the applicable term.

Refunds will be considered on an individual basis for students who stopped attending classes before October 1 for the fall semester and March 1 for the spring semester. Because the summer term has multiple sessions with different start/end dates, refunds for classes taken in those sessions will be at the discretion of the Registrar. Medical withdrawals may be made after these deadlines with a resulting grade of “W,” but no refunds will be granted.

The Office of Scholarships and Financial Aid will follow federal guidelines in determining refund procedures for all federal programs. Institutional and State Aid that was applied to any tuition charge will be reviewed on a case by case basis and will be
subject to reduction and/or cancellation prior to any tuition refund being issued.

Medical withdrawals must be given for all courses in which the student is enrolled. No partial withdrawal will be allowed. Students who have secured a medical withdrawal may not return to the University without their doctor’s written approval.

**Pass/Fail Option**

The pass/fail option permits students to explore areas of the curriculum at an advanced level without inappropriate risk to their overall academic standing. The following regulations govern the pass/fail option for all academic courses.

1. The option is open only to degree-seeking students with at least 60 credit hours earned toward the degree.
2. The option is for free elective credit only and is not applicable to courses required in the core curriculum, the major program or a minor program.
3. Only one course per semester may be taken on a pass/fail basis. The pass/fail option may be applied to a maximum of 14 credit hours, or 4 credit hours for each full year of residence, whichever is fewer. (A full year of residence is 30 credit hours.)
4. The student must declare the pass/fail option at the time of registration with the approval of the academic advisor. Changes from or to the pass/fail option must be made before the end of the add/drop period, also with the advisor’s approval.
5. A grade of “P” (achievement of at least “C-” or 1.700 quality points) earns credit hours toward the degree, but does not affect the GPA. A grade of “F” (achievement less than “C-”) earns no credit hours and is computed into the GPA.
6. The pass/fail option may not be used to repeat courses except those previously taken on a pass/fail basis.

**Absence from Class**

The University expects all students to be regular and punctual in class attendance. Frequent unexplained absences may result in a student being administratively withdrawn from the course or in a grade reduction or failing grade, at the discretion of the faculty member, in accordance with the faculty member’s attendance policy included on the course syllabus.

**Rescheduling Final Examinations**

A student who is scheduled to take three or more final examinations in one day may petition the dean of the school in which he/she is enrolled to have the overload examination(s) rescheduled. The Dean’s Office will arrange the rescheduling with the faculty member.

**Absence from Final Examinations**

A student who is compelled by illness or other seriously adverse circumstances to be absent from a semester final examination will receive, at the discretion of the faculty member, the grade of “I” or “F.” A missed final examination resulting in an “I” grade will be made up after the semester has ended.
Repeating Courses

A student may repeat a course taken at the University if the original grade was lower than “B” (3.000). Course grades for both the original and the repeated attempts will appear on the student’s transcript; however, the grade of the repeated course replaces the original grade in the computation of the GPA, and the credit hours attempted will be counted only once. A transcript notation will indicate repeated courses.

A course taken at the University of St. Thomas may not ordinarily be repeated outside the University. A student may petition the Academic Committee to repeat a failed (or one with a grade below “B”) course at another college or university if compelling reasons prevent repeating the course at UST. If permission is granted, credit hours will transfer to the University, but the original grade of “F” and hours attempted will remain in the computation of the student’s GPA. To replace the original grade of “F” and hours attempted in the GPA computation, a course must be repeated at the University of St. Thomas.

The University of St. Thomas is not obliged to grant credit for any course repeated at another institution for which a student has not received the required approval.

A student who withdraws from the University of St. Thomas for one or more semesters, repeats courses at another school, and then returns to the University will not be allowed to use these courses to replace the courses previously taken at the University.

Final Semester Grades

Semester grades and cumulative statistics are available at the end of each semester on myStThom.edu. Faculty members are not authorized to post final grades or release them to students by any other means. Students should review their grades carefully. A course grade may not be changed after one year following completion of the course.

Transfer of Credit for Registered Students

Students in freshman, sophomore and junior years who wish to seek permission to enroll at other accredited institutions in courses applicable to their University of St. Thomas degree, whether in summer sessions or regular semesters, must first complete a Transfer of Credit Approval Form (available online at the Registrar’s site). This form requires the signature of the student’s academic advisor and authorization by signature of the appropriate department chair for each course the student is requesting to take elsewhere. This authorization is at the discretion of the chair, and certain restrictions may apply, especially in the case of students who have already transferred credits into the University. Authorization will not normally be granted when a course the student wishes to take elsewhere is being offered at the University in the same session or semester or is scheduled on a regular basis, as, for example, every fall and/or spring semester.

In addition to authorization by the appropriate department chair, students subject to the residence requirement (final 36 credit hours on campus) must petition and obtain the permission of the Academic Committee to take a course at another properly accredited institution. The Petition Form is available from the Office of the Registrar.
Correspondence Courses for College Credit

Although the University of St. Thomas offers no college-level correspondence courses, a student in residence may take a maximum of nine undergraduate credit hours by correspondence from another accredited college or university when permission has been granted in advance by completion of the Transfer of Credit procedures outlined above. Contact the Registrar.

ACADEMIC HONORS

Graduation Honors

Graduation honors are based on all courses completed during a student’s undergraduate career. To be eligible for summa cum laude, magna cum laude or cum laude, a student must have completed at least 60 credit hours at the University of St. Thomas with an appropriate honors average. The GPA used to determine honors is based on undergraduate courses completed at the University of St. Thomas. [Note: This distinction is necessary for BBA/MBA students.] Levels of honors for all bachelor’s degrees awarded by the University are 3.750, summa cum laude; 3.500, magna cum laude; 3.250, cum laude.

Academic Distinction

Undergraduate transfer students who have completed 36 through 59 credit hours at the University of St. Thomas with a GPA of 3.300 or above will receive the honor of Academic Distinction.

Senior Honors Convocation

In the spring semester each year, a Senior Honors Convocation recognizes those graduates who have been elected to Delta Epsilon Sigma or Alpha Sigma Lambda or who are to receive Aquinas Honor Society keys.

Dean’s List

The Dean’s List is published for each semester to recognize those students who, with a minimum credit hour load of 12 credit hours and a minimum of 12 credit hours earned, have achieved a GPA of at least 3.300.

Part-time students are evaluated on an annual basis (January – December) for inclusion on the Dean’s List. They must be categorized as “part-time” at the time of each registration, must have accumulated at least 12 credit hours during this annual period, and must have a current term GPA of at least 3.300.

DEFICIENT PERFORMANCE, PROBATION AND DISMISSAL

Academic Warning Analyses

The University is concerned when students perform at a deficient level. The Academic Warning Notice was developed to help students in academic difficulty. Faculty members at the University of St. Thomas can now provide interventions to these
students through an online referral process known as Academic Warning Notices. Notices can be completed at any point of the semester, but can be especially relevant during the weeks close to midterm examinations. A faculty member completes an online form detailing reasons for the academic difficulty, such as performance or behavioral concerns or deficient skills, and recommends actions for improvement. Once submitted, Academic Warning Notices are emailed to the student, the student’s academic advisor, and the referring faculty member for follow up. Academic Warning Notices do not become a part of students’ permanent records but provide information and awareness so that they may address their difficulty and aid in our campus retention efforts.

Probation

Students who perform at a deficient level may be placed on probation or be dismissed from the University. Students are placed on probation to allow them to refocus their attention and activities to correct their deficiencies. If students do not correct their deficiencies, they may be dismissed from the University. Students who manifest severe deficiencies in their performance may be dismissed without having been on probation.

Undergraduate students must maintain a cumulative GPA of 2.000 or better in their course work at UST. Students who have completed nine UST semester credit hours and whose cumulative GPA falls below 2.000 will be placed on academic probation. Students who are on academic probation must earn a minimum 2.000 semester GPA on course work each subsequent semester until the grade-point deficiency is removed. Only course work taken at UST will be applied toward the grade point deficiency. Grade changes made for students on probation will not affect the academic standing for that semester. Students who leave the university on academic probation will be readmitted on academic probation. Academic probation will be posted to the semester in which the cumulative GPA falls below 2.000 and will begin with the first class meeting of the next semester. Academic probation will be noted permanently on students’ academic records.

The Registrar will notify the student’s academic advisor that the student is on probation. A probation hold will be placed on the student’s myStThom account that will be released by the advisor. The advisor will meet with the student and develop a learning contract for the student to remediate the deficient academic performance. Students on academic probation may be required to carry a restricted course load and/or repeat courses as well as perform other activities prescribed by the advisor or dean to address deficiencies. Students unwilling to accept the conditions of their probation will be dismissed. The academic advisor will make recommendations to the appropriate dean or the Registrar concerning the student’s compliance with the learning contract and the need for dismissal.

Dismissal

Students who have manifested severe deficient performance may be dismissed from the University. Students who are on academic probation and earn less than a minimum 2.0 semester GPA will be dismissed from the University. During academic dismissal, students may not enroll, audit or visit classes at the University. Academic dismissal will be noted permanently on students’ academic records.

Students may also be dismissed if they are on probation and are unwilling to accept the conditions of their probation or do not conscientiously fulfill the conditions of their probation.

On these matters the student’s academic advisor will make recommendations to the dean or the Registrar.
Other reasons may justify dismissal, including academic dishonesty and violating certain norms of conduct expected of students. (See Student Handbook published by the Office of Student Affairs.)

A student who has been dismissed for academic reasons may apply for readmission to the University after one year. The University’s Admissions Committee reviews readmission applications and sets the conditions for readmission. These may involve the student taking only prescribed courses or a limited load. In all cases the student will be readmitted on a conditional basis and on probation. The student’s academic advisor will monitor the student’s progress in meeting the conditions of readmission set by the Admissions Committee.

**POLICY ON ACADEMIC DISHONESTY**

Every offense against academic honesty seriously undermines the teaching-learning process for which the University exists, and such offenses will be dealt with expeditiously according to the following criteria.

**Definition**

**Academic dishonesty includes but is not limited to:**

1. Cheating on an examination or test; for example, by copying from another’s paper or using unauthorized materials before or during the test.
2. Plagiarism, which represents as one’s own the work of another, whether published or not, without acknowledging the precise source.
3. Knowing participation in the academic dishonesty of another student, even though one’s own work is not directly affected.
4. Any conduct which reasonable persons in similar circumstances would recognize as dishonest in an academic setting.

**Penalty**

The penalty for an incident of academic dishonesty is, at the discretion of the faculty member, either a mark of zero for the work in question or the grade of “F” for the course.

**Procedures for Cases of Academic Dishonesty**

Faculty who consider that they have a valid case of academic dishonesty against a student must inform the student of the charge and penalty in writing, using the Report of Academic Dishonesty Form available from the Registrar. The faculty member will inform the student no later than the date when course grades are due for the semester or other academic session. If necessary, the faculty member will send the student a copy of the report by certified mail. The student has the right to appeal the facts of the charge but not the penalty.

**Procedure Without Appeal**

1. The original signed report will be submitted for the record to the Registrar, who will keep it in a locked confidential file until the student graduates.
2. The case will be treated as a matter of deferred adjudication; if and when the student graduates, the record will be expunged.
Procedure With Appeal

1. A student whose appeal concerns an undergraduate course must write and forward a letter of appeal to the Registrar within three days of receiving notice of the charge. The Registrar will notify the chair of the Academic Committee.
   a. The chair will schedule a special meeting of the committee in a timely manner, but no later than 30 days after notification by the Registrar, and will notify the student and the faculty member accordingly.
   b. Copies of all pertinent written evidence will be submitted to the members of the committee a minimum of one week prior to the scheduled meeting.
   c. The committee may rule on the appeal immediately or may first schedule a hearing. If the committee chooses to conduct a hearing, it will proceed as follows:
      i) The student may bring a member of the faculty to serve as an advocate during the hearing.
      ii) The student and the faculty member may each bring witnesses to speak to the facts of the alleged offense. Ordinarily, the number of witnesses should not be more than two for each party; they must have direct knowledge of the alleged offense.
      iii) The student, the faculty advocate (if one is brought) and the faculty member will be present for all aspects of the hearing except the committee’s deliberations.
   d. The chair of the committee will conduct the hearing in the following manner:
      i) The chair will ask the parties present to provide a more detailed statement of the circumstances and evidence than has already been filed in writing. Members of the committee may then ask questions for further information or clarification.
      ii) Witnesses to support the allegation will be heard, one at a time. After a witness’ initial presentation, questions may be put in the following order: by members of the committee, by the student and the faculty advocate, by the faculty member and/or by members of the committee.
      iii) Witnesses to support the appeal will be heard, one at a time. After a witness’ initial presentation, questions may be put in the following order: by members of the committee, by the faculty member, by the student and the student advisor, and by members of the committee.
      iv) The faculty member and then the student will each be given the opportunity to make a final statement to the committee regarding their respective positions in the matter, after which they will withdraw to allow the committee to deliberate.
      v) Should the hearing be lengthy, the chair will have the option of postponing the committee’s deliberations for not more than three working days.
   e. The chair will report the committee’s decision to the Vice President for Academic Affairs, who will notify in writing the faculty member and the student.
   f. The report of the decision will be handled in the same way as the report in Procedure When There Is No Appeal, described above.
Procedure in Second Offense Cases:

1. Initially, second offense cases will be treated according to the procedures outlined above.
2. When a second charge of academic dishonesty has been upheld against a student, the student shall be dismissed from the University without the possibility of readmission. The transcript will note “Dismissed for Academic Dishonesty, Not Eligible to Return,” along with the date.

ACADEMIC RECORDS AND TRANSCRIPTS

Students admitted to the University with incomplete academic files must complete their files before December 15th for the fall semester and May 15th for the spring semester. Those who fail to comply with this requirement will be denied registration for subsequent semesters until the files are complete.

Academic Records

Official student records reside and are maintained in the Registrar Office. Students are responsible for ensuring the accuracy of their records. Such records include, but are not limited to, personal information, home address, and phone number, degree status, career (level), plan (major) and grades.

Academic Record Changes

A student who questions an enrollment record (including a grade) as recorded in the Office of the Registrar has a period of one year, beginning with the end of the term in which the record was entered, to challenge its accuracy. At the end of one year the permanent record will become the absolute record, and changes may not be made.

Student Access to Records

Students wishing to review their educational records must make written request to the Registrar, listing the items they wish to review. Only records covered by the Family Educational Rights and Privacy Act of 1974 will be made available. The Registrar will respond within 45 working days of receiving the written request.

Transcripts

Requests for official transcripts must be made in writing to the Registrar’s Office or submitted online through the Registrar’s website. By law, an official transcript may not be released without the student’s written request. The processing of a transcript request normally takes two working days and is generated at a cost of $8.25 for each official transcript, to be paid at the time of the request. No transcript will be released if a University hold exists on the student’s record. To be official, a transcript must bear the official seal of the University and the signature of the Registrar, and the envelope seal must not be broken. Only official transcripts are sent outside the University.
Policy on Release of Student Records

The Family Educational Rights and Privacy Act (FERPA) of 1974 is a federal law stating (a) that a written institutional policy must be established and (b) that a statement of adopted procedures covering the privacy rights of students be made available. The law provides that institutions will maintain the confidentiality of student education records.

Under FERPA, the University is free to release information about students categorized as “directory-type information.” Students have the right to restrict the disclosure of this information by completing and submitting a Request to Prevent Disclosure of Directory Information Form to the Registrar’s Office. Once this request has been submitted to the Registrar’s Office, the restriction to disclose directory information will remain in effect until the student submits a request to the Registrar’s office to revoke the original request.

The law gives students the right to inspect and review information contained in their education records, to challenge the contents of their education records, to have a hearing if the outcome of the challenge is unsatisfactory and to submit explanatory statements for inclusion in their files if they believe the decisions of the hearing panel to be unacceptable. Information about the inspection and review process can be obtained in the Registrar’s Office. Copies of the policies and procedures governed by this Act are also available for review in the Registrar’s Office or online at www.stthom.edu/registrar/ferpa.html.

The Solomon Amendment and FERPA

With reference to a change in the law: Institutions are required to provide directory information on students who are at least 17 years of age, upon request from representatives of the Department of Defense for military recruiting purposes. That information includes student name, addresses, telephone listings, date and place of birth, level of education, degrees received, prior military experience and the most recent school attended.

REQUIREMENTS FOR BACHELOR’S DEGREES

The University of St. Thomas awards the following bachelor’s degrees:

Bachelor of Arts (BA)
Bachelor of Business Administration (BBA)
Bachelor of Fine Arts (BFA)
Bachelor of Pastoral Theology (BTh)
Bachelor of Science (BS)

CORE CURRICULUM

“In promoting this integration of knowledge, a specific part of a Catholic University’s task is to promote dialogue between faith and reason, so that it can be seen more profoundly how faith and reason bear witness to the unity of all truth . . . a vital interaction of two distinct levels of coming to know the one truth leads to a greater love for truth itself, and contributes to a more comprehensive understanding of the meaning of human life and of the purpose of God’s creation.”

Ex corde Ecclesiae, 17
The founders of the University of St. Thomas asserted their objective of fashioning an institution that would prepare men and women for life. From the beginning, and throughout the University’s history, professional training and education have been included in the curriculum. At the same time, the founders remarked in the first, small University Catalog of 1947 that their educational ideal was “primarily cultural.” They desired the education of the whole person and the preparation of men and women “for life on all human levels as opposed to a restricted professional formation.”

More specifically, the initial catalog and subsequent editions quoted the words of Cardinal John Henry Newman, when he was engaged in planning a university curriculum, to conceptualize the University’s objectives.

Newman spoke of the need for unity of knowledge:

It will not satisfy me, what satisfies so many, to have two independent systems, intellectual and religious, going at once side by side, by a sort of division of labor, and only accidentally brought together. It will not satisfy me, if religion is here and science there, and young men converse with science all day long and lodge with religion in the evening. I wish the intellect to range with the utmost freedom, and religion to enjoy an equal freedom, but what I am stipulating is, that they should be found in one and the same place, and exemplified in the same persons

_Sermon I, Sermons on Various Occasions_

While still pursuing the ideals of the founders, who followed Newman’s prescription, the University of St. Thomas has most recently reshaped its core curriculum under the inspiration of the major document on Catholic higher education for our time, Pope John Paul II’s Apostolic Constitution of 1990, _Ex corde Ecclesiae_. The number and range of discipline requirements in the arts and sciences for UST students mirrors the broad sweep of concerns and injunctions in this document, with its insistence on education cultivating in students and faculty alike a search for the whole truth about nature, man, and God and a productive, problem-solving encounter with the contemporary world, all disciplines sharing in the pursuit through their distinctive methodologies. The goal of the core curriculum is to make explicit connections between _Ex corde Ecclesiae_ and the program of studies. As before, the study of theology and philosophy is prominent, indispensable now in guiding and facilitating the search, essential to the key and overriding aim of _Ex corde Ecclesiae_, “integration of knowledge.” Integration throughout the curriculum cannot take place at once or even in a year, but will evolve. This catalog marks the beginning of a directed process that over time will stimulate increasing dialogue between and among academic disciplines to produce a deeper, richer integration of knowledge, aiming for _Ex corde Ecclesiae’s_ very high aspiration of a “higher synthesis of knowledge.” For all students, a culminating requirement of the core program is an integrative synthesis course related to the Catholic intellectual and moral tradition, wherein students link the higher learning of their major fields of study with the core disciplines of theology, philosophy, or Catholic studies.

The core curriculum is the foundation of the University’s liberal education. Shared by all students, it is the principal means by which the University imparts its core values, expressed in its goals, and carries out its combined moral, intellectual, and religious mission.
1. To promote the pursuit of knowledge both for its own sake and to form habits of mind through which knowledge can mature into wisdom and understanding can stimulate the contemplation of truth, goodness, and beauty.

2. To educate the whole person – academically, socially, and spiritually – in order to prepare students for meaningful lives and inspire them to continuous learning that confronts essential and enduring questions about the meaning and conduct of human life.

3. To encourage an ongoing dialogue between faith and reason and the encounter between culture and the Gospel as ways of integrating knowledge, achieving an organic vision of reality, and deepening an understanding of God and His revelation in the person of Jesus Christ as mediated through Scripture and the Church.

4. To affirm the dignity of the human person as the source of social justice, respect for human rights, and regard for the proper interests of communities.

5. To develop competence in critical thinking, critical reading, effective writing, and oral communication in necessary relation to the skills of gathering, interpreting, synthesizing, and presenting information with integrity and clarity.

6. To understand the bearing of the past on the present and the future and to appreciate the historical character of human inquiry in exploring the principal philosophical, religious, political, literary, and aesthetic traditions of Western and world culture.

7. To cultivate a critical appreciation of art and literature that arouses wonder and forms the imagination in its engagement with the enduring cultural and spiritual values inherent in great works of human creativity.

8. To develop aptitude in quantitative reasoning together with knowledge of the methodology of the natural and social sciences in order to foster appreciation of scientific thinking for understanding nature and human behavior.

9. To inculcate ethical thinking in judging conduct and reflecting on the moral implications of developments in science, technology, business, and society in order to promote making decisions on the basis of transcendent moral values.

10. To nurture the study and appreciation of other languages and cultures as a means of promoting charity, understanding, and respect for the diversity of cultural forms, religious beliefs, and social practices; and, in all, to help prepare students for a life of service in a culturally diverse and changing world. (Approved 2004)

**CORE COMPONENTS**

I. **Theology (6 credit hours):**
   Theology courses must be taken in order:
   - THEO 1300/3300 Teachings of the Catholic Church
   - THEO 2300/3310 Introduction to the Sacred Scriptures

II. **Moral Theology (3 credit hours):**
   Choose one course from the following:
   - THEO 3349 Christ and the Moral Life
   - THEO 3351 Prophets and Ancient Israel
   - THEO 3352 Paul: His Letters and Theology
   - THEO 4323 Teachings of Jesus
   - THEO 4325 Faith and Moral Development
   - THEO 4334 Social Justice and the Church
   - THEO 4348 Theology of the Body
III. Philosophy (9 credit hours):
Students may choose either the systematic sequence or the historical sequence to complete the Philosophy requirement for the core curriculum. The core requirement in philosophy cannot be completed with courses from both sequences. These courses must be taken in the order shown.

**Systematic Sequence**
- PHIL 1311 Philosophy of the Human Person
- PHIL 2314 Ethics
- PHIL 3313 Metaphysics

**OR**

**Historical Sequence**
- PHIL 1315/3315 Ancient Philosophy
- PHIL 2316/3316 Medieval Philosophy
- PHIL 3317 Modern Philosophy

IV. Theology, Philosophy or Catholic Studies Synthesis Course (3 credit hours):
Choose one of the following in consultation with academic advisor. Some majors may require a specific Synthesis option.

- CS 3310 Opening to Transcendence: Rediscovering Symbol
- CS 3320 Re-Connecting Catholicism with the Social and Natural Sciences
- CS 4300 Catholic Impact on the Professions
- PHIL 3314 Business Ethics
- PHIL 3318 Bioethics
- PHIL 3336 Political Philosophy
- PHIL 3350 Contemporary Logic
- PHIL 4318 Contemporary Philosophy
- PHIL 4331 Philosophy of Art and Beauty
- PHIL 4335 Analytical Philosophy
- PHIL 4337 Philosophy of History and Culture
- PHIL 4340 Phenomenology and Existentialism
- PHIL 4350 Philosophy of Law: Tradition of Natural Law
- PHIL 4352 Philosophy of Science
- PHIL 4354 Philosophy of Saint Augustine
- THEO 3321 Apologetics
- THEO 3322 Theology of Creation
- THEO 3331 Catholic Church: Origin, Structure and Mission
- THEO 3336 Christian Spirituality
- THEO 3345 Theology of St. Thomas Aquinas
- THEO 3346 Christian Vocations: Paths to Holiness
- THEO 3363 Church History I
- THEO 3364 Church History II
- THEO 3375 Eastern World Religions
- THEO 3376 Western World Religions
- THEO 4324 Christian Ethics and the Law
- THEO 4327 Sacred Arts in the Church
- THEO 4334 Social Justice and the Church
- THEO 4336 American Catholic Heritage
- THEO 4347 Fathers of the Church
- THEO 4374 Modern Challenges to Christianity

*Additional courses will be added to the synthesis options as they are approved. See the Academic Advising Center for the most updated information.*
Theology/Philosophy/Synthesis Requirements for the Transfer Student

1. Students who transfer 1-29 credit hours must complete the 21 credit hour sequence as outlined above.

2. Students who transfer 30-59 credit hours must complete a total of 18 credits of Theology, Philosophy and a Theology/Philosophy/Catholic Studies Synthesis course in one of the following configurations:

Theology (9 credit hours)
THEO 1300 Teachings of the Catholic Church
THEO 2300 Introduction to Sacred Scripture
Choose one Moral Theology course

Philosophy (6 credit hours)

Systematic Sequence
PHIL 1311 Philosophy of the Human Person OR PHIL 1315 Ancient Philosophy
PHIL 2314 Ethics

Historical Sequence
PHIL 1315 Ancient Philosophy
PHIL 2316 Medieval Philosophy

Theology, Philosophy or Catholic Studies Synthesis Course (3 credit hours)
Choose one Synthesis course from Theology, Philosophy or Catholic Studies

OR

Theology (6 credit hours)
THEO 1300 Teachings of the Catholic Church
THEO 2300 Introduction to Sacred Scripture

Philosophy (9 credit hours)

Systematic Sequence
PHIL 1311 Philosophy of the Human Person OR PHIL 1315 Ancient Philosophy
PHIL 2314 Ethics
PHIL 3313 Metaphysics

Historical Sequence
PHIL 1315 Ancient Philosophy
PHIL 2316 Medieval Philosophy
PHIL 3317 Modern Philosophy

Theology, Philosophy or Catholic Studies Synthesis Course (3 credit hours)
Choose one Synthesis course from Theology, Philosophy or Catholic Studies

3. Students who transfer 60+ credit hours must complete 6 credit hours in both Theology and Philosophy for a total of 12 credit hours.

Theology (6 credit hours)
THEO 1300/3300 Teachings of the Catholic Church
THEO 2300/3310 Introduction to the Sacred Scriptures

Philosophy (6 credit hours)

Systematic Sequence
PHIL 1311 Phil of the Human Person OR PHIL 1315/3315 Ancient Phil
PHIL 2314 Ethics

Historical Sequence
PHIL 1315/3315 Ancient Phil
PHIL 2316/3316 Medieval Phil

Students who transfer 60+ credit hours have the option of taking the theology core requirement at the upper-division level by completing THEO 3300 and THEO 3310.

Students who transfer 60+ credit hours have the option of taking the philosophy core requirement at the upper-division level by completing PHIL 3315 and PHIL 3316.

Upper-division options for Theology and Philosophy are designed to help transfer students meet the minimum 36 upper-division hour requirement for graduation. Many majors have ample upper-division credit to meet this requirement. Consult your academic advisor.
V. **English (9 credit hours):**  
Three courses completed in the order shown below:

Freshmen and transfer students with no English credits:

- ENGL 1341 The Classical Tradition: Literature and Composition I
- ENGL 1342 The Middle Ages and Renaissance: Literature and Composition II
- ENGL 2312 The Modern World: Literature and Composition III

Students transferring in 3 credit hours of English credit must take:

- ENGL 1341 The Classical Tradition: Literature and Composition I
- ENGL 1342 The Middle Ages and Renaissance: Literature and Composition II

Students transferring in 6 credit hours of English credit must take:

- ENGL 3312 Perspectives in World Literature

VI. **History (6 credit hours):**  
Choose one pair of history courses from the following selections:

Freshmen and sophomores:

- HIST 1335 World Community I
- HIST 1336 World Community II
  
  or

- HIST 2333 United States to 1877 and
- HIST 2334 United States since 1877

Students transferring 60 or more credit hours may take:

- HIST 3303 Europe: The Middle Ages
- HIST 3304 Europe: The Early Modern Age
  
  or

- HIST 3331 Age of Revolutions: Europe 1715-1870
- HIST 3332 Era of Great Wars: Europe 1870-1950

*The two history core courses do not have to be taken in sequential order.*
VII. Social and Behavioral Sciences and Communication (6 credit hours):
Choose one of the following options:

<table>
<thead>
<tr>
<th>Social and Behavioral Sciences (6 credit hours)</th>
<th>Social and Behavioral Sciences (3 credit hours)</th>
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</thead>
<tbody>
<tr>
<td>Two courses from economics, geography, international studies, political science, psychology or sociology.</td>
<td>One course from economics, geography, international studies, political science, psychology or sociology.</td>
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</table>

OR

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<tr>
<th>Oral Communication (3 credit hours)</th>
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<tbody>
<tr>
<td>COMM 1331 Public Speaking</td>
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<tr>
<td>COMM 2332 Persuasion &amp; Argumentation</td>
</tr>
<tr>
<td>Cameron School of Business</td>
</tr>
<tr>
<td>MGMT 3320 Business Communication</td>
</tr>
</tbody>
</table>

VIII. Natural Science and Foreign Language (8-10 credit hours):
Choose one of the following options:

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<tr>
<th>Natural Science (8 credit hours)</th>
<th>Natural Sciences (4 credit hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose two natural science courses from astronomy, biology, chemistry, environmental science and studies, geology and physics.</td>
<td>Choose one natural science course from astronomy, biology, chemistry, environmental science and studies, geology or physics.</td>
</tr>
<tr>
<td>Course format may be four-credit lecture &amp; lab courses, or three-credit lectures with corresponding one-credit labs.</td>
<td>AND</td>
</tr>
<tr>
<td>Students who transfer natural science courses that did not include a laboratory component may fulfill the core requirement in whole (6 credit hours) or in part (3 credit hours). Decisions are made on a case-by-case basis.</td>
<td>Modern and Classical Languages (6 credit hours)</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Choose two sequential courses in one language. Courses must be completed in the approved order. Choose language options from French, Spanish, (Classical) Greek, Latin, Irish, Arabic, German, Italian, Japanese, Mandarin Chinese, Russian or other available language. Students who have prior knowledge of a language they wish to take must see the Modern and Classical Language Department for placement testing prior to registration for a course in that language.</td>
<td></td>
</tr>
</tbody>
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IX. Mathematics (3 credit hours):
Choose any college-level mathematics course except the following two courses:

| MATH 2437 Contemporary Mathematics for Elementary Teachers |
| MATH 1325 The Nature of Mathematics |
X. **Fine Arts (3 credit hours):**

*Ensemble, studio and applied fine arts courses do not fulfill the core requirement.*

Choose one course from the following:

- ARTHS 1350 Introduction to the Visual Arts
- ARTHS 2351 Survey of Art I
- ARTHS 2352 Survey of Art II
- ARTHS Any upper-division Art History course
- DRAM 1330 Introduction to the Theatre
- DRAM 3329 Screenwriting
- DRAM 3331 Playwriting
- DRAM 3340 Theater History I
- DRAM 3341 Theater History II
- DRAM Approved Special Topics courses in DRAM
- MUSC 1331 Introduction to Music
- MUSC 2362 Basic Musicianship I
- MUSC 2363 Basic Musicianship I for Music Majors
- MUSC 3340 Music and Western Civilization
- MUSC Any upper-division Music course
- MUSC Arts-related Special Topics (4393) courses with departmental approval.

School of Education:

- MS 3376 Essentials of Fine Arts

The upper-division courses are appropriate for transfer students who need 3000/4000 level credit hours. See individual department course listings for any enrollment restrictions.

XI. **Freshman Symposium (1 credit hour):**

Required for all entering freshman.

- UNIV 1111 Educating Leaders of Faith and Character

*Many majors include coursework that will fulfill core curriculum requirements.*

**ADDITIONAL REQUIREMENTS FOR BACHELOR’S DEGREE**

1. Completion of:
   a. a major or approved program in which at least 50 percent of the required upper-division credit hours in the major field are completed at the University of St. Thomas (exceptions: no requirement for General Studies or Liberal Arts majors);
   b. at least 36 credit hours of upper-division credit (3000-4000 course numbers);
   c. at least 126 hours of quality credit (a minimum cumulative GPA of 2.0);
   d. the final 36 credit hours in residence at the University.

2. Transfer students entering with 60 credit hours or more must attempt the mathematics requirement within their first year of attendance at the University. All other students, transfer and non-transfer, must attempt the mathematics requirement within their first 60 credit hours (including transfer hours).

3. Students seeking a bachelor’s degree will ordinarily follow the degree requirements of the catalog in effect at the time of their first matriculation into the University, or they may follow the requirements of any subsequent catalog in effect during their continued enrollment. Students who leave the University for
four or more consecutive regular semesters (fall and spring) and subsequently
reenroll must follow either the degree requirements of the catalog in effect at the
time of their reenrollment or the requirements of any subsequent catalog in effect
during their continued enrollment. Ordinarily, a student must follow all the
requirements of the catalog chosen. Exceptions may arise if program requirements
must be revised to implement new educational standards recommended or required
by federal or state agencies, professional societies or the University’s faculty.
4. Students must file for graduation according to the following schedule:
   a. by October 1 for December graduation,
   b. by March 1 for May and August graduation.
5. All financial obligations to the University must be satisfied before the University
issues a diploma or an official transcript to a student.

THE MAJOR

To receive a bachelor’s degree, a student must complete the requirements of at least one
major program. A major consists of a defined group of courses, usually within a single
discipline, designed to give the student in-depth knowledge of a specific field of study. A
major may also consist of a planned group of courses from more than one discipline.

A major requires a minimum of 30 credit hours, at least 15 of which must be upper-
division. In a single subject area, the major should not exceed 42 semester hours for the
BA, 45 semester hours for the BBA, and 48 semester hours for the BS. When major
programs require courses from another discipline, however, the combined total number
of hours may exceed these limits. A minimum of 50 percent of the required upper-
division hours must be completed at the University of St. Thomas (except in the case of
the Liberal Arts/General Studies majors, for which there in no minimum requirement).

Students must maintain a minimum cumulative GPA of 2.00 in their major. This
requirement applies to both majors in a joint major program. With the approval of the
appropriate school dean, individual departments may set higher standards for their
majors. Students may not take courses required for their major on a Pass/Fail basis.

After completing 29 credit hours, a student may formally declare a major by
completing the Declaration of Major Form and filing it with the Registrar. A student
must declare a major after completing 59 credit hours. This is usually done during the
early academic advising period before classification as a junior occurs, and is a
requirement for registration beyond 59 credit hours. Students who have reached 60
hours (junior status) without having declared a major will have a hold placed on their
records that will prevent them from registering for classes.

MULTIPLE MAJORS

The University offers both double-major and joint-major options. In all cases students
must confer with the appropriate department chairs to develop degree plans ensuring
that course and credit-hour requirements are current and documented.

THE MINOR

The University encourages students to complete one or more minors; that is, a planned
sequence of courses in a discipline other than the student’s major. A minor consists of
between 18 and 24 credit hours, at least 9 of which must be upper-division credit, and
9 of which must be taken at the University of St. Thomas. Consult the department and
program sections of this catalog for requirements for specific minor programs.
Students are responsible for timely consulting of departments offering subjects in which they wish to earn a minor or the director or contact person for a minor program to ensure fulfillment of the requirements. Each minor is noted on the student’s transcript.

A minimum cumulative GPA of 2.00 is required for a minor. A student may not take courses required for a minor on a Pass/Fail basis.

**JOINT MAJOR PROGRAMS**

A joint major is a two-track program of study. It provides the opportunity for a student to develop a wider range of interest than allowed by a single-discipline major. A joint major is distinguished from a double major. Whereas a double major includes all major requirements of the departments involved, a joint major consolidates the requirements of the cooperating departments.

A joint major program is developed by two cooperating departments and must adhere to the following guidelines:

1. All core requirements of the University must be met.
2. The student must have approval of both cooperating departments and have an advisor from each.
3. Neither department will require as many credit hours in its portion of the joint major as it requires for a regular major.
4. Neither department will reduce the credit hours required within its discipline by more than 6 credit hours.
5. Neither department will reduce its related requisite hours by more than 6 credit hours.
6. If both departments require a capstone experience, the student must complete only one of them.
7. The student must achieve a minimum cumulative GPA of 2.00 in both majors or a higher GPA if a department requires it.

For details, prospective joint majors should consult the catalog entry of the departments in which they have an interest and take care to follow #1 and #2 above.

**ADDITIONAL BACHELOR’S DEGREE**

A student with a bachelor’s degree from the University of St. Thomas may earn an additional bachelor’s degree by completing the degree requirements. A minimum of 36 credit hours is required.

A student with a bachelor’s degree from another recognized accredited institution may qualify for a UST bachelor’s degree by earning a minimum of 36 credit hours at the University of St. Thomas for each additional degree and by fulfilling the general core requirements for the degree and the specific requirements for the new major program.

Students planning to earn an additional degree should consult the appropriate department chair to develop a degree plan prior to first registration at the University.

**ADDITIONAL MAJORS OR MINORS**

Graduates of the University of St. Thomas who hold a baccalaureate degree may earn additional majors and minors by completing the departmental requirements for each major or minor.
SPECIAL PROGRAMS

Honors Program
Living-Learning Center
Study Abroad Programs
Cooperative Programs
Preprofessional Programs: Health Professions, Engineering Cooperative, Prelaw

MAJORS

Accounting (BBA, BBA/MBA)
Biochemistry (BS)
Biology (BA, BS)
Bioinformatics (BA)
Catholic Studies (BA)
Chemistry (BA, BS)
Communication (BA)
Drama (BA)
Education (BA)
English (BA)
Environmental Science (BS)
    Environmental Studies (BA)
Finance (BBA)
French (BA)
General Business (BBA)
General Studies (BA)
History (BA)
International Development (BA)
International Studies (BA)
Liberal Arts (BA)
Marketing (BBA)
Mathematics (BA)
Music (BA)
Music Education (BA)
Philosophy (BA)
Political Science (BA)
Psychology (BA)
Spanish (BA)
Studio Arts (BA/BFA)
Theology (BA)

MINORS

Accounting
Art History
Biology
Catholic Studies
Chemistry
Classics
Communication
Computer Science
Creative Writing
Drama
Economics
English
Environmental Science and Studies
Finance
French
General Business
History
International Studies
Irish Studies
Latin American and Latino Studies
Marketing
Mathematics
Medieval Studies
Music
Philosophy
Physics
Political Science
Psychology
Russian Studies
Social Justice
Spanish
Studio Arts
Theology
Women, Culture, and Society
JOINT MAJORS

*Catholic Studies:* Communication, Drama, History, International Studies, Philosophy, Political Science, Psychology, Spanish and Theology.

*Communication:* Drama, English, Environmental Studies, International Studies, Philosophy, Political Science, Spanish

*Drama:* Communication, English, Theology and Philosophy

*English:* Communication, Drama, Philosophy

*History:* Philosophy

*International Studies:* Communication, Economics, Political Science, Romance Languages, Spanish

*Philosophy:* Communication, Drama, English, History, Mathematics, Political Science, Psychology, Theology

*Political Science:* Communication, Environmental Studies, Philosophy, International Studies

*Psychology:* Philosophy, Theology

*Spanish:* Communication, French (Romance Languages), French and International Studies, International Studies, Mathematics, Psychology

*Theology:* Drama, Philosophy, Psychology

This list is not exhaustive, and changes can occur after the catalog is published. Other joint majors may be available. See your advisor or department chair for more information.

HONORS PROGRAM

**Director:** Terry Hall, thall@stthom.edu

The Honors Program embodies the goals of Catholic liberal arts education at the University of St. Thomas and fosters the realization of these goals in a more challenging and demanding learning environment for a select number of students. Honors students learn to understand the intellectual, cultural and spiritual foundations of their education as well as the means to use them in the service of their families, professions and communities.

The Honors Program is administered by the director and an Honors Program Committee composed of six faculty members and one student member.

ADMISSION AND SCHOLARSHIPS

Members of the Honors Program are usually selected from students entering the University of St. Thomas as freshmen. Because admission is limited and competitive, candidates are advised to apply during the fall semester of the senior year of high school. To be considered for admission, a student must complete the University’s general scholarship application and participate in the Honors interviews held in the spring of the senior year of high school. The minimum standards for admission are:

1. GPA of 3.500 on a 4.000 scale;
2. Top 15 percent of graduating class;
3. SAT 1220 (verbal and math combined) or ACT 27.

All students admitted to the University of St. Thomas Honors Program are awarded academic scholarships.
Students must maintain an overall GPA of 3.000 ("B" standing) in their honors courses and an overall GPA of 3.000 in their other, non-honors, courses to continue in the program.

To graduate with an honors designation on the degree, a student must successfully complete all seven courses in the honors curriculum.

**Required Courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HNRS 1391</td>
<td>The Tribe and the City</td>
</tr>
<tr>
<td>1392</td>
<td>From Empire to Christendom</td>
</tr>
<tr>
<td>2391</td>
<td>Church and Nation</td>
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<tr>
<td>2392</td>
<td>Revolution and the New Empires</td>
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<tr>
<td>3391</td>
<td>Community Service Project</td>
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<tr>
<td>4394</td>
<td>Independent Research Project</td>
</tr>
<tr>
<td>4395</td>
<td>Contemporary Problems Seminar</td>
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</tbody>
</table>

**HONORS PROGRAM, THE MAJOR AND THE CORE CURRICULUM**

**Students Who Complete the Honors Program**

Upon completion of the four-course honors sequence (HNRS 1391, 1392, 2391, 2392) and the Contemporary Problems Seminar (HNRS 4395), the student will be credited with fulfilling 15 credit hours in the core curriculum in the following way:

- English (ENGL 1341);
- history (any core course);
- social science (any core course).
- either of the third courses in theology or philosophy
- the Synthesis course

No course may be applied to the mathematics, natural science, language, oral communication or fine arts block of the core curriculum.

Upon completion of the Independent Research Project (HNRS 4394), students will receive 3 credit hours in their major field. Students must consult their department chair to determine what course in their major is eligible for credit.

The Honors Program adds only 3 credit hours to any major program already in place at the University: Community Service Project (HNRS 3391).

**Students Who Withdraw from the Honors Program**

A student who leaves the Honors Program after completing one course will receive credit for the honors course as an elective. It cannot fulfill any core curriculum requirements.

A student who leaves the Honors Program after completing two or more courses may designate the appropriate blocks in the core curriculum requirements to which to apply the honors credits.
COURSES

In the freshman and sophomore years, honors students take a sequence of four interdisciplinary, team-taught seminars. By studying the classic works and accomplishments of Western civilization, students will learn the ideals and exemplary types of life which have emerged in Western culture. More than knowledge about the Western tradition, the courses aim to create a connection between the study of culture and living one’s life. By providing structural principles for understanding culture itself, these courses also facilitate appreciation for non-Western cultures.

1391 - The Tribe and the City
The ideals of Parent, Prophet, King, Lawgiver, Sage, Hero/Heroine, Poet, Philosopher and Statesman are examined in this course. The reading list includes: From the Bible: Genesis; Exodus; Isaiah; Judith; Ruth; Kings; and Psalms; Homer, *The Iliad*; Herodotus, *The Histories*; Plato, *Republic*; Aeschylus, *Agamemnon*, *Libation Bearers*, *The Eumenides*; Sophocles, *Oedipus Tyrannus* and *Oedipus at Colonus*; Euripides, *The Bacchae*.

1392 - From Empire to Christendom

2391 - Church and Nation

2392 - Revolution and the New Empires

3391 - Community Service Project
This course in “Christian work” combines reading and seminar discussion with individual practical action projects. Students are asked to investigate service opportunities that are compatible with their needs and interests and to prepare a project proposal. The Honors Committee must approve the proposal before a student may register for the course. Readings on the meaning of work, service and social

4394 - Independent Research Project
With faculty direction, each student designs and pursues a research project in keeping with the goals and methods of the major discipline. The student is required to prepare a research proposal and budget for approval by the Honors Program Committee. Students present the results of their research in a University forum and/or at a scholarly conference.

4395 - Contemporary Problems Seminar
An interdisciplinary, collaborative-learning seminar that treats a significant contemporary issue of interest to the students. Students who take this class prepare a course proposal for approval by the Honors Program Committee. In consultation with the director, students select a current problem on which to work as class and a faculty member to lead the seminar and develop a course syllabus.

**SERVICE LEARNING PROGRAM**

**Director:** Jean-Philippe Faletta, falettj@stthom.edu

The mission of service learning at the University of St. Thomas is to assist the University in serving others, specifically offering resources to meet the needs of the Greater Houston Metropolitan area. Acting to fulfill the University’s vision of responding creatively to challenges posed by poverty, globalization, limited economic resources and changing demographics, students are able to connect classroom theory with practical experience in the community. According to the Campus Compact, “Service learning is meant to expand opportunities for public and community service in higher education, and to advocate the importance of civic responsibility in students’ learning.” Service learning enables students to use service to make a difference in their communities and in their lives as well. Each semester students can choose from a variety of service learning-based courses across a wide range of disciplines at the university. Interested students should contact the Service Learning Office at 713-525-6982 for information or consult the current course offerings on-line.

**UNDERGRADUATE RESEARCH**

Engaging in research projects with faculty members provides students special learning opportunities that deepen their knowledge of a subject. Students develop analytical and writing skills and emerge from the experience as critical thinkers and confident speakers. Undergraduate research is an increasingly important component of students’ educational experience across the curriculum. Most major programs and the Honors Program offer a capstone experience consisting of creative scholarship in the student’s major, guided by a faculty advisor. Annually, during the spring semester, the Undergraduate Research Committee sponsors the University of St. Thomas Research Symposium. Students, both graduate and undergraduate, present the results of their research at this event. Students may also present their research at local, regional, national, and international conferences, and some students publish their findings in peer-reviewed publications.

Most students call their undergraduate research project the highlight of their university experience. The University provides financial assistance to students conducting research through the Undergraduate Research Committee. In addition, the University of St. Thomas is
a member of the Council of Undergraduate Research, a national organization that promotes student research across the curriculum as an integral part of the academic experience. Students should consult their academic advisor and/or the chair of the department in which they are interested, or contact the chair of the Undergraduate Research Committee.

### STUDY ABROAD PROGRAMS

**Director:** Linda Pett-Conklin, lmpc@stthom.edu  
**Coordinator:** Diana Garcia, garciad@stthom.edu

The nationally ranked Study Abroad Program offers students a great variety of opportunities to pursue credit-bearing and life-shaping experiences abroad through group and individual programs. Studies abroad expose students to global diversity, go beyond the traditional classroom curriculum, and encourage students to contemplate their UST experience in a global context. Students may study abroad individually at a wide array of universities and in many disciplines or participate in various UST-led group programs. Group programs have been offered on a rotating basis throughout the Americas, Europe, and Asia. For more information, please refer to www.stthom.edu/abroad or call 713-525-3530.

**INDIVIDUAL EXCHANGE PROGRAMS**

Individual programs allow students in good academic standing to study abroad for one semester or for an academic year. The University arranges these programs to facilitate students’ fulfillment of financial, academic and administrative requirements of UST and the host university. Courses taken at partner universities transfer by grade as well as credit hours. Financial transactions are treated as if the student were taking classes in residence, and the student can use University financial aid.

The University of St. Thomas has exchange agreements with universities in Argentina, Canada, Chile, France, Hungary, Ireland, Japan, Mexico, Spain and Taiwan.

**INDIVIDUAL NON-EXCHANGE PROGRAMS**

A student in good academic standing who wishes to study at an institution other than one of the University’s formal exchange partners should consult with the Study Abroad Director. Study outside of extant sister exchange agreements can be arranged through third parties such as other universities or consortia. Approved courses in non-exchange programs will transfer as credit hours only, not by grade. Use of some financial aid may be prohibited, and students within 36 hours of graduation may not apply these program credits toward graduation because of the residence requirement.

**UNIVERSITY GROUP PROGRAMS**

The University of St. Thomas offers numerous opportunities each year to study abroad with a group of students for two to four weeks. Short-duration programs are conducted during the winter break and during summer on a rotating basis. These courses are taught by UST faculty and may be 3 or 6 credit hour opportunities. These programs have been conducted throughout the Americas, Europe, and Asia. Locations and course content vary from year to year. Below is a list of extant programs. New locations may be added.
University Program in Merida, Mexico (summer)

The Merida program entails two weeks of intensive study on campus followed by four weeks of study in Mérida, on the Yucatán peninsula of Mexico. Studies focus on the culture, language and literature of Mexico; a highlight of the experience is the exploration of Mayan archaeological sites. Students receive credit for SOCI 3301-Mexican Culture and one of the following Spanish courses: SPAN 2350-Intermediate Conversation; SPAN/BIED 3350-Advanced Conversation for the Nonnative; or a selected Spanish literature course.

University Program in France (summer)

The France program has been recently held in Lyon. Courses have included French, international studies, history, philosophy, psychology and economics. On-campus courses, lecture abroad, and excursions.

University Program in Ireland (summer)

Past programs have been conducted in Limerick and Maynooth. Courses have included Irish literature and culture, international studies, psychology, history, and economics. On-campus courses, lecture abroad, and excursions.

University Program in Italy (summer)

This is a Catholic Studies Program offering that travels to Assisi, Florence and Rome. Courses have included theology and art history. On-campus courses, lecture abroad, and excursions.

University Program in South America (winter/summer)

This program has alternated among countries in South America, such as Argentina and Peru. Course offerings have included international studies and history. On-campus courses, lecture abroad, and excursions.

University Program in London (winter)

This program is offered between Fall and Spring semester. Course offerings have included English and history. On-campus courses, lecture abroad, and excursions.

University Program in Spain (summer)

This program has been conducted in Barcelona, Spain. Course offerings have rotated among business administration, international studies, history, psychology and economics. On-campus courses, lecture abroad, and excursions.

University Program in Taiwan (winter)

The Taiwan program has been conducted in Taipei. Courses have included international studies, history, and political science. On-campus courses, lecture abroad, and excursions.

Cameron School of Business Programs (summer)

The Cameron School offers one summer, short duration group program for MBA students. Courses have included marketing, management, finance, and economics. Past programs have toured Europe’s economic capitals, China, India, and Argentina. On-campus courses, lecture abroad, and excursions.
The International Council of Universities of St. Thomas Aquinas (ICUSTA)

The University of St. Thomas is a founding member of the International Council of Universities of St. Thomas Aquinas (ICUSTA), whose members share an educational philosophy based on the thought of this preeminent philosopher. Bilateral student exchange agreements under ICUSTA allow students to spend a semester in Mar del Plata, Argentina; Santiago de Chile, Chile; or Fredericton, New Brunswick, Canada. Contact: Academic Affairs Office (vpaa@stthom.edu)

COOPERATIVE PROGRAMS

COOPERATIVE ENGINEERING AND TECHNOLOGY PROGRAM

Contact: Sheila Waggoner, Chair, Department of Mathematics, sheilaw@stthom.edu

The University of St. Thomas has cooperative agreements with Texas A&M University, the University of Houston and the University of Notre Dame. The student earns a BA in Mathematics from the University of St. Thomas and a BS degree in the chosen discipline at the cooperative institution. During the three years at the University of St. Thomas, the student completes an individualized plan of study that combines a broad liberal arts background with the prerequisites for the program at the chosen school. Students interested in the program should contact the Chair, Department of Mathematics, early in their first year concerning requirements and the time needed to complete them.

GLASSELL SCHOOL OF THE MUSEUM OF FINE ARTS HOUSTON AND UST COLLABORATION

The Department of Fine and Performing Arts and the Glassell School of Art collaborate in offering BA and BA/BFA majors, a minor and elective courses in Studio Art for registered students. This joint effort gives students access to the extraordinary resources of the Houston Museum of Fine Arts Glassell School and to instruction by the outstanding artists on its faculty. At the same time, students experience the broad liberal arts educational program of the University. Interested students should contact the Admissions Office, 713-525-3500, admissions@stthom.edu; or the chair of the Department of Fine and Performing Arts, 713-525-3522, mcdonald@stthom.edu

ARTICULATION AGREEMENTS WITH COMMUNITY COLLEGES

Articulation Agreements between the University of St. Thomas and area two-year community colleges enable the community college student to make a smooth transition from the two-year college to the University. Students work with an academic counselor at the two-year college along with transfer counselors at the University of St. Thomas to select courses appropriate to the individual degree plan. Typically, students complete the first two years of study at the community college, although transfer to the University of St. Thomas may occur at any time. For further information, contact the Admissions Office at 713-525-3500, or admissions@stthom.edu.
The Air Force Reserve Officer Training (ROTC) program prepares men and women of character, commitment, and courage to assume leadership positions as commissioned officers in the active duty United States Air Force. Upon completion of the curriculum, students will have a thorough understanding of the core values, leadership, teamwork, and other requirements to be an effective officer in the world’s greatest Air Force. For more information on the Air Force Science program, contact the Air Force Science Department at the University of Houston by calling 713-743-4932 or on-line at www.uh.edu/afrotc.

All courses and physical training sessions take place at the University of Houston. Flight orientation occurs at airports in the Houston metro area.

**Course Credit**

ROTC classes may be taken for elective credit toward any degree plan at the University of St. Thomas. Freshman and sophomore level classes are open to all students. No military obligation is incurred as a result of enrollment in these courses. Junior and senior level courses are more restrictive and do require a military obligation. ROTC scholarship students also incur a military obligation.

**Four-Year Program**

The General Military Course (GMC) is the first half of the four year ROTC program and is taken during the freshman and sophomore years. This program allows the student to experience Air Force ROTC without obligation (unless the student is on an Air Force ROTC scholarship).

Each semester of the GMC consists of one classroom hour of instruction as well as Leadership Laboratory each week. During the first two years, the student will learn about the Air Force and the historical development of aerospace power. During the summer preceding the junior year, the student will compete for the opportunity to attend a four-week Field Training Unit. Successful completion of field training is mandatory for entrance into the Professional Officer Course (POC), the junior and senior years of the four year program. As a junior, the student will study the core values, leadership, teamwork, and management tools required to become an effective Air Force officer.

During the senior year students study the national security policy process, regional and cultural studies, and complete final requirements for commissioning as second lieutenants.

Enrollment in the POC is open to graduate students if they have four semesters of school remaining. Each semester of the POC consists of three classroom hours of instruction as well as Leadership Laboratory each week.
Leadership Laboratory

As an Air Force ROTC cadet, each student is required to attend an additional two-hour class known as Leadership Laboratory. Although not part of the academic class requirement, it is an essential element of officer training. Leadership Laboratory is an intensive, military training program in which students gain invaluable leadership and managerial experience while learning about the Air Force way of life. Students have numerous opportunities to hear guest speakers and panel discussions, participate in field trips, and experience practical leadership exercises.

AFROTC Scholarship Opportunities

Air Force ROTC offers various scholarship opportunities for students at the University of St. Thomas:

In-College Scholarship Program (ICSP) is a highly competitive scholarship program aimed primarily at college freshmen and sophomores in any major (students with a bachelor's degree can compete to earn a master's degree). The ICSP awards cover tuition capped at either $15,000 per year plus $900 per year for books or $9,000 per year plus $900 per year for books.

The Express Scholarship Program is operated on a fully qualified basis: those who meet the qualifications are awarded the scholarship. Though the list of eligible college majors differs from year to year, the express scholarship pays up to $15,000 tuition per year and $900 for books. Recent majors which qualified for express scholarships included electrical and environmental engineering, computer science, and strategic foreign languages. The processing of the scholarship award is completed at the local detachment.

For additional information on AFROTC scholarship opportunities, please visit the AFROTC Website at www.afrotc.com or call 1-800-4AFROTC.

Stipend

All AFROTC scholarship recipients and POC cadets receive a nontaxable monthly stipend. The annual stipend amount ranges from $2,000 per year to $4,000 per year depending on the recipient's enrollment year.

Field Training (FT)

Cadets completing the General Military Course attend four weeks of field training (FT) during the summer at a selected Air Force base. Those who have not completed the GMC attend an extended FT Unit. This rigorous program of leadership training, physical conditioning and academics assesses the cadet's potential to be an Air Force officer.

Cadets also receive survival and firearms training and career information. Cadets receive travel pay and daily pay for FT.

Flight Orientation Program

All cadets can volunteer to participate in a joint Air Force ROTC/Civil Air Patrol flight orientation program. This consists of eight flights, four in the front seat of a small passenger aircraft and four additional flights in the back seat as an observer. In addition, an abbreviated flying ground school course is taught in the ROTC classrooms using FAA textbooks. The flight orientation and ground school course are both free for all cadets.
Physical Fitness Training

Cadets meet twice per week at the University of Houston Alumni Center to perform physical fitness training. The training is mandatory and emphasizes push-ups, sit-ups, and running in order to pass the USAF physical fitness test.

Professional Development Training (PDT)

Cadets are eligible to compete to attend PDT during the summer months. PDT consists of several programs, including:
- Tours of nearby active duty Air Force bases
- Soaring and free-fall parachuting at the United States Air Force Academy (USAFA)
- Cultural and Foreign Language Immersion
- Hands-on research at Air Force laboratories
- Shadowing a Air Force officer in Operation Air Force
- Internships at NASA and other government organizations

Cadets receive travel pay and daily pay for the majority of these programs. For more information contact Unit Admissions Officer at 713-746-3703/4932, or visit the University of Houston Air Force Website at www.uh.edu/afrotc.

Summary

During this time of war, our mission of producing Air Force second lieutenants of character, commitment, and courage is more important than ever. See AFSC in the Courses of Instruction section (these are University of Houston listings).

ARMY ROTC

Commander and Professor
LTC Kurt Robinson

Although the University of St. Thomas does not have an Army Reserve Officer Training Corps (ROTC) program on campus, students may participate in the Army ROTC program through a partnership with the Military Science Department at the University of Houston. Students may enroll in military science courses through the University St. Thomas registration process and attend the classes at the University of Houston’s main campus.

Students enrolled in the advanced program (junior and senior years) receive a $450-$500 monthly allowance; veterans classified as juniors or seniors may enroll directly in the advanced program. Paid internships are available to students who have earned at least 54 credit hours but have no military experience. Students who complete the internship are eligible for a two-year scholarship. These scholarships pay for full tuition and fees, books, and provide a monthly allowance of $450.

Upon completion of the ROTC program and graduation from the University of St. Thomas, students are commissioned as second lieutenants in the United States Army. A minor is also available in this program. For more information contact the Military Science Department, University of Houston (UH.edu/ROTC), 713-743-3875/3883, or University of St. Thomas Office of the Registrar, 713-525-2150.
The University of St. Thomas Health Professions programs (pre-medical, pre-dental, pre-veterinary, pre-allied health, pre-optometry, and pre-pharmacy), prepare students for entry into professional schools. Students in these programs benefit from the careful individual advising provided by members of the Health Professions Advisory Committee. In addition to their departmental major advisor, students consult regularly with a program co-director or other special advisor, especially prior to each semester’s registration.

A broad-based liberal education is an excellent foundation upon which to build highly specialized training. The health professions schools admit qualified students of any major. Regardless of major, students must excel academically in all subjects and must develop strengths in leadership, interpersonal skills, ethics and service to others.

In selecting a preprofessional program, students should realize that each school has its own requirements.

The Health Professions Advisory Committee leaders make available to students summary information and pre-professional course requirements for each of the health professions programs in Texas. Because these requirements can change, students should check with a health professions advisor or the director of admissions of the professional school for any changes or additional requirements.

PREMEDICAL PROGRAM

The first step in planning for a medical education is to plan an undergraduate education. Medical schools are looking for well-rounded, broadly educated students. The liberal arts education in philosophy, theology, the humanities and the sciences provided by UST’s core curriculum is valuable preparation for the MCAT (Medical College Admissions Test), for admission to medical school and for the practice of medicine. Medical school admissions committees do not favor science over non-science majors. Successful candidates to medical school demonstrate varied interests, a high level of academic achievement in all areas and an aptitude for the sciences.

The Premedical Program prepares students for entry into medical school, and UST students enjoy outstanding medical and dental school acceptance. The program is a rigorous science and math-based one that can be combined with any major. It is important to note that the premedical program is not a major, but rather a program consisting of 46 credit hours of science and math courses, along with activities related to a career in medicine. The courses serve as the prerequisites for application to medical and dental school. The program’s premedical specialists advise students in
tandem with their major advisor, inform them of prerequisite courses, admissions tests dates, and application deadlines, present appropriate workshops and provide letters of evaluation for medical school application.

Course Requirements – Pre-medical (42 credit hours) / Pre-dental (38 credit hours)

Chemistry (16 credit hours)
- CHEM 1341/1141 General Chemistry I and laboratory
- CHEM 1342/1142 General Chemistry II and laboratory
- CHEM 2343/2143 Organic Chemistry I and laboratory
- CHEM 2344/2144 Organic Chemistry II and laboratory

Biology (14 credit hours)
- BIOL 1351 Introduction to Population Biology and Evolution
- BIOL 1151 Introduction to Biology Practicum
- BIOL 1352 Introduction to Cell and Molecular Biology
- BIOL 1152 Basic Lab Techniques in Biology
- BIOL 3321 Genetics
- BIOL 3334 Biochemistry

Physics (8 credit hours)
- PHYS 1331/1111 General Physics I and laboratory
- PHYS 1332/1112 General Physics II and laboratory

Statistics (4 credit hours for pre-medical only)
Choose one course from the following:
- MATH 2434 Applied Statistical Concepts
- MATH 3430 Intermediate Statistics

PRELAW PROGRAM

Contact: Rick Young, Prelaw Advisor - cryoung@stthom.edu - 713-525-3816

Applying to Law School

Advising: Prelaw seeks to provide our students with advice useful to preparing for and applying to law school. In addition to assisting prelaw students with law school selection and admissions counseling, the program is also directed to correcting deficiencies identified by low scores in any of the LSAT test areas. As a requirement of the program, during the spring, prelaw students must enroll in POSC 4300 LSAT Review Course.

Cooperative Admission Program with South Texas College of Law: Candidates for the cooperative admission program with South Texas College of Law earn bachelor’s degrees from UST and will have participated in the University Prelaw Program. Please see the Prelaw Advisor for instructions on how to complete the application process.
Faith and Reason

Scholarship: The University believes that the best preparation for law school is the broad background in the humanities and sciences provided by the University’s core curriculum. Success in law school and in the legal profession requires a strong ethical foundation, an excellent command of the English language, highly developed analytical and critical thinking skills, and academic and professional proficiency in the law. Important to the prospective law student are the intellectual proficiencies, ethical, political, historical, behavioral, social, and economic, that inform a University of St. Thomas graduate. A goal of the University is to provide the student interested in the law with the opportunity to explore the discipline and develop an informed understanding of the function of law in American culture. Prelaw students participate in the University’s core curriculum and declare and participate in a major discipline.

Although law schools accept applicants with a baccalaureate degree from any major, the University believes that certain curricular choices are not only preferable but highly desirable. After selecting a major, the prelaw student will enroll in prelaw courses that help prepare for the rigors of the Law School Admissions Test (LSAT), Socratic examination and case briefing. Prelaw courses will also provide information about our constitutional system and common law heritage, a background critical to discerning and understanding normative values reflected in the law.

The Prelaw Program begins with the First Year Experience and continues as the student’s interests in law evolve. Incoming first year students should tell the FYE advisor about their interest in law and visit with the Prelaw Advisor. Through participation in the LSAT Review class and Mock Trial, students will hear from practitioners and speak with law school admission counselors.

To remain in the prelaw program, a student must maintain a cumulative GPA of 3.00 and make no less than a B- in any prelaw course, be assessed according to the program’s requirements, and show continual progress toward remedying deficiencies identified by pre-LSAT scores in any of the areas tested (reading comprehension, analytical reasoning, and logic).

Course Requirements – Pre-law:

Choose one course from the following:

- POSC 3333 Law and Society
- POSC 3342 Judicial Process

Choose one history of the law courses from the following:

- HIST/POSC 3302 History of the Common Law
- POSC 3304 The Marshall Court

Complete all of the following:

- POSC 3355 American Constitutional Law
- POSC 4300 LSAT Review
- POSC 4393 Mock Trial

In addition to prelaw courses, prelaw students are encouraged to take law courses specific to their major (COMM 3382 Mass Communication Law; ENVR 4352 Environmental Law; INST 4393 International Law; PHIL 4350 Philosophy of Law: Tradition of Natural Law; THEO 4324 Christian Ethics and the Law; MGMT 4331 Business Law).
**The Law Lecture Series:** The Prelaw lecture series supports and promotes normative thinking about the law. The purpose of the lectures is to make accessible some of the thoughts of remarkable professors, lawyers and jurists to students, faculty and the public. One objective of the series is to share some of the intellectual and cultural excitement associated with developments in American Constitutional law that may affect the lives of all of us.

**Advocacy**

The undergraduate mock trial program at St. Thomas is designed to give undergraduate students an opportunity to learn first hand about the advocacy work of attorneys, understand the judicial system, enhance critical thinking skills, and refine oral communication competencies. Progress toward meeting these goals will be accomplished when a student participates at any level of this program.

Prelaw students enroll in the Mock Trial course for the fall semester and learn the techniques, procedures, and information necessary to compete in American Mock Trial Association sanctioned tournaments. Each team of six or more students will be assisted by a local attorney. During February the teams will compete in regional tournaments against Baylor, Rice, Texas, Texas A&M, Houston Baptist, University of Houston, SMU, and other schools. The top teams compete nationally. Mock trial students, their assisting lawyers and others are invited to the Mock Trial dinner held during the fall semester.

**PRE-NURSING**

The University of St. Thomas will offer Pre-Nursing courses in the fall of 2011 which will prepare students for entry into a nursing program. The University plans to offer a Bachelor of Science in Nursing (BSN) degree in 2012 pending approval from the Texas Board of Nursing and the University Board of Directors.

The curriculum for the Bachelor of Science in Nursing degree will be based on:

- Liberal arts and sciences
- The art and science of healing
- The role of the nurse in supporting healing processes for individuals, families and communities
- The application of professional nursing knowledge and skills
- Nursing as a caring ministry
SCHOOL OF ARTS AND SCIENCES

Rev. Joseph Pilsner, CSB, Dean, pilsnerj@stthom.edu
Dr. John Starner, Associate Dean, starner@stthom.edu

104  ART HISTORY
106  BIOCHEMISTRY
108  BIOINFORMATICS
110  BIOLOGY
118  CATHOLIC STUDIES
122  CHEMISTRY
127  CLASSICS
130  COMMUNICATION
135  DRAMA
138  ENGLISH
147  ENVIRONMENTAL STUDIES & SCIENCES
154  FRENCH
157  GENERAL STUDIES
158  GEOGRAPHY
158  GEOLOGY
159  GERMAN
160  HISTORY
166  INTERNATIONAL STUDIES
176  IRISH STUDIES
181  LATIN AMERICAN AND LATINO STUDIES
183  LIBERAL ARTS
184  MATHEMATICS
193  MEDIEVAL STUDIES
195  MODERN AND CLASSICAL LANGUAGES
197  MUSIC
202  PHILOSOPHY
208  PHYSICS
210  POLITICAL SCIENCE
219  PSYCHOLOGY
224  RUSSIAN STUDIES
225  SOCIAL JUSTICE STUDIES
227  SOCIOLOGY
228  SPANISH
234  STUDIO ARTS
246  THEOLOGY
252  WOMEN, CULTURE AND SOCIETY
Art represents and questions the deepest cultural and spiritual values of a society. Knowledge of these values can deepen the life of mind and spirit. The purpose of the University’s Art History Program is to enhance the intellectual, aesthetic and spiritual dimensions of the student’s experience in discovering the communicative power of art.

Ideally the study of all artworks should be in the presence of the original. Although this is usually not possible, art history students at UST do have an exceptional opportunity to experience original art related to that being studied in the program’s illustrated lectures and discussions. Since the campus lies in the heart of Houston’s Museum District, excellent examples of works from ancient to post-modern times are readily available in numerous nearby museums. Especially prominent are the Museum of Fine Arts and the Menil Museum, which is close to the campus. Even though art history faculty make use of these collections in class visits and in assignments, individual visits throughout courses are recommended to heighten recognition of the subjects and styles of works of art and to reinforce understanding of their meanings.

Courses in Art History may be taken for credit as:

1. One of the components in the program of the liberal arts or general studies major (30 hours required):
   a) at least 15 upper-division credit hours in a primary area of concentration,
   b) at least 9 upper-division credit hours in a secondary area of concentration.

2. A minor field (18 credit hours with at least 9 upper-division credit hours).

3. The Fine Arts requirement for the core curriculum.

**COURSES**

**1350 – Introduction to the Visual Arts**
An appreciation and understanding of the visual arts through study of their basic principles of design, aesthetics and role in society. Examples of all media examined are drawn from diverse historical periods, places, and world cultures.

**2351/3351 – Survey of Art I**
A basic introduction to the major monuments in the history of art from prehistoric times to the Middle Ages. No student can receive credit for both ARTHS 2351 and 3351. ARTHS 3351 is designed for students with 60 or more credit hours.

**2352/3352 – Survey of Art II**
A basic introduction to the major monuments in the history of art from the Renaissance to the present. No student can receive credit for both ARTHS 2352 and 3352. ARTHS 3352 is designed for students with 60 or more credit hours.

**3340 – Early Medieval Art**
A survey of the stylistic and thematic developments in art and architecture in the late Antique, Early Christian, Byzantine, Carolingian and Ottonian periods. Images are viewed through their religious, political, and cultural contexts.
3341 – Late Medieval Art
A survey of Romanesque and Gothic art from the eleventh through the fourteenth century. Included are French pilgrimage churches and cathedrals, sculpture, stained glass windows and manuscripts.

3361 – Greek Art
The beginnings of Western art and thought are studied as they originate in the Aegean Bronze Age civilizations of Crete and Mycenae and develop through the Greek Classical Period.

3362 – Roman Art
Roman art from its origins to the late Imperial age of Constantine, with attention to the influence of Roman art upon the emerging Early Christian style.

3372 – Baroque Art
Western European architecture, sculpture, painting and decorative arts of the late 16th to the 18th century.

3381 – Nineteenth-Century Art
A study of the major currents in European and American art from late 18th century Neoclassicism through Post-Impressionism.

3382 – Early Twentieth-Century Art
Art from the end of the 19th century to the middle of the 20th, focusing on principal artists and artistic ideologies that visually define modernity.

3383 – Late Twentieth-Century Art
Art in the second half of the 20th century from mid-century Modernism through individual Post-Modern forms of art in the Contemporary world.

3391 – Early Renaissance Art
A survey of major works of architecture, painting and sculpture in Italy from the late 13th to the late 15th century.

3392 – High Renaissance and Mannerist Art
A survey of major works of architecture, painting and sculpture in Italy from the late 15th century through the 16th century, including the art of Leonardo da Vinci, Michelangelo and Raphael.

4345 – Iconography of Christian Art
An introduction to the visual representation of Christian themes from the Early Christian period to the Renaissance. Symbolic and conceptual developments of Christian subject matter in images are studied as informed by the Scriptures, Christian doctrines, and traditions.

4375 – Bernini and Baroque Rome
All the sculpture, architecture, and painting of the 17th-century master who made Rome a great Baroque city through his exuberant statues, portraits, churches, chapels, papal tombs, fountains, and extensive architecture and decorations for St. Peter’s.
4395 – Michelangelo
All the sculpture, painting, and architecture of the great Renaissance master centered in Florence and Rome, including in-depth study of his David, Moses, Pietas, Medici Chapel, Deposition, designs for St. Peter’s and for Rome’s Capitol, and Pauline and Sistine Chapel frescoes.

4191, 4291, 4391 – Internship in Art History
On-the-job experience under the guidance of practicing specialists in the art history field. To be supervised individually by a department faculty member with the approval of the program chair.

4192, 4292, 4392, 4492 – Directed Reading/Independent Study in Art History
Student research on a selected problem in art history pursued under the guidance of an assigned member of the faculty. To be presented as a formal written paper. Repeatable course. Prerequisite: permission of program chair and instructor.

4193, 4293, 4393, 4493 – Special Topics in Art History
Upper-division treatment of selected topics of mutual interest to the faculty member and students. May be repeated for credit when topics vary. When offered, see website course schedule for topic.

BIOCHEMISTRY

Department Chair: Gerald Gries, griesg@stthom.edu
Contact: Michelle Steiger steigerm@stthom.edu

Biochemistry is a field in which biological questions are addressed through the use of chemistry-based approaches. The biochemistry major reflects the chemical theories and approaches that are central to increasing our understanding of biological phenomena. The field of biochemistry is becoming a very complex and wide ranging discipline concomitant with advances in both biology and chemistry. Students will be exposed to the breadth of biochemistry through their courses and research experiences. Biochemistry is a program housed in the Chemistry and Physics Department with supporting courses from Biology and Mathematics.

This program is designed to give students a strong chemistry and biology background in both the theory and practice of biochemistry. Students from this program will be ready for graduate school, professional school or employment.

Admission to courses beyond CHEM 1341 requires the successful (“C “or better) completion of their prerequisites at the University of St. Thomas or their equivalents at another appropriately accredited institution. The decision on the adequacy of an equivalent rests with the department chair.

The B.S. Chemistry & Biochemistry degrees of UST have been Accredited by the ACS Committee on Professional Training.
MAJOR IN BIOCHEMISTRY

Biochemistry major requirements – Chemistry/Biology/Physics/Mathematics: 77-78 credit hours

Chemistry (40 credit hours):
CHEM 1341/1141 General Chemistry I and laboratory
CHEM 1342/1142 General Chemistry II and laboratory
CHEM 2343/2143 Organic Chemistry I and laboratory
CHEM 2344/2144 Organic Chemistry II and laboratory
CHEM 3334/3134 Biochemistry and laboratory
CHEM 3343/3143 Quantitative Analysis and laboratory
CHEM 4112 Seminar (pass/fail)
CHEM 4150 Laboratory Research methods
CHEM 4332/4132 Inorganic Chemistry and laboratory
CHEM 4334 Advanced Biochemistry
CHEM 4361/4161 Physical Chemistry I and laboratory
CHEM 4362 Physical Chemistry II

Chemistry - choose from one of the following (4 credit hours):
CHEM 3344/3144 Instrumental Methods of Analysis and laboratory
CHEM 4331/4131 Advanced Organic Chemistry and Lab

Biology (14 credit hours):
BIOL 1351 Introduction to Population Biology and Evolution
BIOL 1151 Introduction to Biology Practicum
BIOL 1352 Introduction to Cell and Molecular Biology
BIOL 1152 Basic Lab Techniques in Biology
BIOL 3321 Genetics
BIOL 3351 Molecular Biology

Biology - choose from one of the following (3-4 credit hours):
BIOL 3345 Physiology
BIOL 3461 Cell Biology with laboratory

Mathematics (8 credit hours):
MATH 1431 Calculus I
MATH 1432 Calculus II

Physics (8 credit hours of General Physics or University Physics):
PHYS 1331/1111 General Physics I and laboratory
PHYS 1332/1112 General Physics II and laboratory
OR
PHYS 2331/2111 University Physics I and laboratory
PHYS 2334/2112 University Physics II and laboratory

Descriptions/prerequisites for the courses in Chemistry, Biology, Mathematics and Physics can be found in the catalog under their respective headings.
COURSES

CHEM/BIOL 3334 & 3143  Biochemistry and Biochemistry Laboratory
This course covers the central topics in biochemistry: amino acid chemistry, protein structure and chemistry, lipid structure and chemical properties and a few of the major metabolic pathways. Prerequisites: CHEM 2343/2143

CHEM 4334  Advanced Biochemistry
Focus will be on advanced topics such as detailed analysis of nucleic acid chemistry, nucleic acid-protein interactions, protein-protein interactions and some special topics on the biochemistry of diseases. The course will include instructor-led lectures and group discussions of classical and current primary literature papers. Prerequisites: CHEM 3334, BIOL 3351

BIOINFORMATICS

Contact: Rosemarie Rosell, rrosell@stthom.edu

Bioinformatics is a fast growing and newly emerged field in the life sciences that uses mathematics and computer science applications to analyze and store the vast amounts of information produced from the various genome and proteome projects. In a unique combination, the major, housed in the Biology Department, comprises a concentration of courses in biology (BIOL), chemistry (CHEM), mathematics (MATH), computer science (COMSC), and physics (PHYS). Majors will become solidly grounded in the biologically relevant areas of genetics, molecular, and cell biology, and will be trained in both the theoretical and practical aspects behind data manipulation. Graduates will be prepared to enter professional or graduate school in bioinformatics or for entry-level positions in biotechnology firms, genome projects, or the pharmaceutical industry.

MAJOR IN BIOINFORMATICS

No bioinformatics major may substitute advanced placement credit or credit by examination for BIOL 1351, 1151, 1352, or 1152.

Students must have a cumulative GPA of at least 2.00 in the required biology/bioinformatics courses in order to graduate with a degree in bioinformatics.

Bioinformatics Major Requirements – Biology /Chemistry/Mathematics /Computer Science/Physics: 75 credit hours

**Biology Core (13 credit hours):**

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>BIOL 1351</td>
<td>Introduction to Population Biology and Evolution</td>
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<td>Basic Lab Techniques in Biology</td>
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<td>BIOL 3121</td>
<td>Genetics and Molecular Biology Laboratory</td>
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<tr>
<td>BIOL 3111</td>
<td>Junior/Senior Seminar</td>
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<tr>
<td>BIOL 3321</td>
<td>Genetics</td>
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</tbody>
</table>
Bioinformatics (7 credit hours):
BIOL 2111 Bioinformatics Colloquium I
BIOL 3310 Bioinformatics
BIOL 4393 Special Topics (Annotations or Structural Genomics)

Additional Biology Courses (11 credit hours):
BIOL 3151 Advanced Molecular Biology Laboratory
BIOL 3351 Molecular Biology
BIOL 3461 Cell Biology with laboratory
BIOL 4332 Evolution

Chemistry (12 credit hours):
CHEM 1341, 1141 General Chemistry I and laboratory
CHEM 1342, 1142 General Chemistry II and laboratory
CHEM 2342, 2143 Organic Chemistry I and laboratory

Physics (4 credit hours):
PHYS 1331, 1111 General Physics I and laboratory

Mathematics (15 credit hours):
MATH 1431 Calculus I
MATH 1432 Calculus II
MATH 3360 Combinatorial Theory
MATH 3430 Intermediate Statistics

Computer Science (13 credit hours):
COMSC 1450 Computer Programming I
COMSC 1351 Computer Programming II
COMSC 2351 Computer Programming III
COMSC 3375 Database

COURSES

2111 – Bioinformatics Colloquium
Current topics in Bioinformatics. Topics include but are not limited to whole genomics, proteomics, phylogenetic analysis, new methodologies in DNA sequencing, microarrays, and data analysis. Prerequisites: BIOL 1351, 1151, 1352 and 1152 or current enrollment in 1352, 1152.

3310 – Bioinformatics
Core course in bioinformatics: nucleotide, protein, and specialized sequence databases; multiple sequence alignments, protein 3-D structures, phylogenetic trees; data mining tools. Theory and practical application. Prerequisites: BIOL 2111, 3321, and 3351.
This is the era of biology characterized by rapid and amazing advances! The vital and exciting life sciences curriculum at UST emphasizes the full range of this dynamic field from the biology of ecosystems and organisms to cells and molecules in an evolutionary context. Students in the program will apply the scientific method to investigate biological phenomena while developing critical thinking, oral communication, writing and computational skills. Students will also develop an ethical approach to the practice of science. The major program is designed to prepare students for graduate and professional schools and for entry–level biologist positions. Students who successfully complete any biology major will exhibit a mastery of the basic subject areas and important biological concepts.

**MAJOR IN BIOLOGY**

**Prerequisites:** A grade of “C” or better in BIOL 1351, 1151, 1352, and 1152 and CHEM 1341, 1141, 1342, and 1142 are prerequisites for all other biology courses. No biology course may be taken unless all prerequisites have been completed with a grade of “C” or better. Advanced placement credit or credit by examination may not be used as prerequisites for upper-division biology courses.

Foreign language (6 credit hours) study is strongly recommended for the Bachelor of Science degree.

Students graduating with a BA or BS degree in biology must have a minimum GPA of 2.00 in biology courses.

Students completing a major in biology must take the Educational Testing Service Major Field Test in Biology (MFT) in the semester in which they graduate. Students who do not take the MFT will not be allowed to graduate with a major in biology.

**MAJOR IN BIOLOGY – Bachelor of Arts**

**Biology BA Major Requirements – Biology /Chemistry/Mathematics/Physics/Foreign Language: 58-59 credit hours**

**Biology (15 credit hours):**
- BIOL 1351 Introduction to Population Biology and Evolution
- BIOL 1151 Introduction to Biology Practicum
- BIOL 1352 Introduction to Cell and Molecular Biology
- BIOL 1152 Basic Lab Techniques in Biology
- BIOL 3111 Junior/Senior Seminar
- BIOL 3321 Genetics
- BIOL 4332 Evolution (Capstone)

**Additional Biology Courses (14 credit hours):**
Choose ONE course from each of the following 4 areas: Choices must include at least TWO laboratories.
Ecosystems – Choose one of the following (3-4 credit hours):

- BIOL 3300 Field Studies in Ecology and Environmental Studies
- BIOL 3331 Ecology
- BIOL 3336 Environmental Toxicology
- BIOL 3341 Marine Biology
- BIOL 3440 Plant Physiological Ecology with laboratory
- BIOL 4440 Microbial Ecology with laboratory
- BIOL 4393 Special Topics: Tropical Marine Ecology

Organisms – Choose one of the following courses (3-4 credit hours):

- BIOL 2442 Comparative Anatomy with laboratory
- BIOL 3338 Endocrinology
- BIOL 3339 Neuroscience
- BIOL 3345 Physiology
- BIOL 3440 Plant Physiological Ecology with laboratory
- BIOL 3444 Invertebrate Zoology with laboratory
- BIOL 3445 Developmental Zoology with laboratory
- BIOL 3446 Comparative Histology with laboratory
- BIOL 4354/4154 Pathogenic Microbiology and laboratory

Cells – Choose one of the following courses (3-4 credit hours):

- BIOL 3333/3133 Microbiology and laboratory
- BIOL 3334/3134 Biochemistry and laboratory
- BIOL 3339 Neuroscience
- BIOL 3445 Developmental Zoology with laboratory
- BIOL 3446 Comparative Histology with laboratory
- BIOL 3450 Plant Physiology with laboratory
- BIOL 3461 Cell Biology with laboratory
- BIOL 4354/4154 Pathogenic Microbiology and laboratory
- BIOL 4449 Immunology with laboratory

Molecules – Choose one of the following courses (3-4 credit hours):

- BIOL 3121 Genetics and Molecular Biology Laboratory
- BIOL 3151 Advanced Molecular Biology Laboratory
- BIOL 3310 Bioinformatics
- BIOL 3334/3134 Biochemistry and laboratory
- BIOL 3351 Molecular Biology
- BIOL 3461 Cell Biology with laboratory
- BIOL 4450 Microbial Genetics with laboratory

Chemistry (12 credit hours):

- CHEM 1341/1141 General Chemistry I and laboratory
- CHEM 1342/1142 General Chemistry II and laboratory
- CHEM 2343/2143 Organic Chemistry I and laboratory

One course and corresponding laboratory from the following (4 credit hours):

- CHEM 2344/2144 Organic Chemistry II and laboratory
- BIOL/CHEM 3334/3134 Biochemistry and laboratory
- CHEM 3343/3143 Quantitative Analysis and laboratory

Physics (4 credit hours):

- PHYS 1331/1111 General Physics I and laboratory
Mathematics – Choose one of the following courses (3-4 credit hours):
MATH 1331 Pre-Calculus Algebra and Trigonometry
MATH 1431 Calculus I
MATH 2434 Applied Statistical Concepts
MATH 3430 Intermediate Statistics

Foreign Language (6 credit hours)
Choose two sequential courses in any foreign language available

MAJOR IN BIOLOGY – Bachelor of Science

The BS degree emphasizes research and laboratory experience and requires additional courses in biology. All BS students will complete a laboratory or field project under the direction of a faculty member in the Biology Department. BS students will also complete BIOL 4333 or 4334, for which they will prepare a report, in the format of a scientific research article, describing their research.

Biology BS major requirements – Biology /Chemistry/Mathematics /Physics: 69 credit hours

Biology (17 credit hours):
BIOL 1351 Introduction to Population Biology and Evolution
BIOL 1151 Introduction to Biology Practicum
BIOL 1352 Introduction to Cell and Molecular Biology
BIOL 1152 Basic Lab Techniques in Biology
BIOL 3321 Genetics
BIOL 3121 Genetics and Molecular Biology Laboratory
BIOL 3111 Junior/Senior Seminar (must take two times)
BIOL 4332 Evolution

Biology Research Methods – Choose one of the following courses (3 credit hours):
BIOL 4333 Research Methods in Biological Investigations/
BIOL 4334 Research Methods in Ecology

Additional Biology Courses (21 credit hours):
Choose ONE course from each of following 4 areas plus an additional TWO courses in any area (total 6 courses): Choices must include at least THREE laboratories.

Ecosystems:
BIOL 3300 Field Studies in Ecology and Environmental Studies
BIOL 3331 Ecology
BIOL 3336 Environmental Toxicology
BIOL 3341 Marine Biology
BIOL 3440 Plant Physiological Ecology with laboratory
BIOL 4440 Microbial Ecology with laboratory
BIOL 4393 Special Topics: Tropical Marine Ecology

Organisms:
BIOL 2442 Comparative Anatomy with laboratory
BIOL 3338 Endocrinology
BIOL 3339 Neuroscience
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<tr>
<td>BIOL 3345</td>
<td>Physiology</td>
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<td>BIOL 3440</td>
<td>Plant Physiological Ecology with laboratory</td>
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<td>BIOL 3444</td>
<td>Invertebrate Zoology with laboratory</td>
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<td>BIOL 4354/4154</td>
<td>Pathogenic Microbiology and laboratory</td>
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<td>Immunology with laboratory</td>
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**Molecules:**

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<td>BIOL 3310</td>
<td>Bioinformatics</td>
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<td>BIOL 3334/3134</td>
<td>Biochemistry and laboratory</td>
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<td>BIOL 3351</td>
<td>Molecular Biology</td>
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<td>Cell Biology with laboratory</td>
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<td>BIOL 4450</td>
<td>Microbial Genetics with laboratory</td>
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**Chemistry (12 credit hours):**

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<td>CHEM 1341/1141</td>
<td>General Chemistry I and laboratory</td>
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<tr>
<td>CHEM 1342/1142</td>
<td>General Chemistry II and laboratory</td>
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<tr>
<td>CHEM 2343/2143</td>
<td>Organic Chemistry I and laboratory</td>
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**One course and corresponding laboratory from the following (4 credit hours):**

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<tbody>
<tr>
<td>CHEM 2344/2144</td>
<td>Organic Chemistry II and laboratory</td>
</tr>
<tr>
<td>BIOL/CHEM 3334/3134</td>
<td>Biochemistry and laboratory</td>
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<tr>
<td>CHEM 3343/3143</td>
<td>Quantitative Analysis and laboratory</td>
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**Physics (4 credit hours):**

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<tr>
<td>PHYS 1331/1111</td>
<td>General Physics I and laboratory</td>
</tr>
</tbody>
</table>

**Mathematics – Choose two of the following courses (8 credit hours):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1431</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MATH 2434</td>
<td>Applied Statistical Concepts</td>
</tr>
<tr>
<td>MATH 3430</td>
<td>Intermediate Statistics</td>
</tr>
</tbody>
</table>
MINOR IN BIOLOGY

The minor program allows students majoring in other disciplines to develop a more comprehensive understanding of biology than they would achieve from taking only one or two courses. Students pursuing a minor in biology must complete all prerequisites and BIOL 1351, 1151, 1352, 1152 with a grade of “C” or better before taking other biology courses.

Biology minor requirements – 18 credit hours

Chemistry prerequisites (8 credit hours)

CHEM 1341/1141 General Chemistry I and laboratory
CHEM 1342/1142 General Chemistry II and laboratory

Biology (11 credit hours):

BIOL 1351 Introduction to Population Biology and Evolution
BIOL 1151 Introduction to Biology Practicum
BIOL 1352 Introduction to Cell and Molecular Biology
BIOL 1152 Basic Lab Techniques in Biology
BIOL 3321 Genetics

Biology (7 credit hours)

Choose an additional 7 credit hours from BIOL 3000 or 4000 level courses

COURSES

Prerequisites: A grade of “C” or better in BIOL 1351, 1151, 1352, and 1152 and CHEM 1341, 1141, 1342, and 1142 is prerequisite for BIOL 2442 and all upper-division biology courses. No biology course may be taken unless all prerequisites have been completed with a grade of “C” or better. BIOL 3321 is a prerequisite for all upper-division biology courses except BIOL 3334/3134 and 3446.

No credit by examination may substitute for any prerequisite for upper-division biology courses, regardless of whether a student is a major or non-major.

1351 – Introduction To Population Biology And Evolution
Overview of biological concepts underlying the unity and diversity of life. Focus on basic Mendelian genetics, population biology, evolutionary concepts, the origins of life, plant colonization of land, animal diversity and ecological concepts. Co-requisite: BIOL 1151.

1151 – Introduction To Biology Practicum
This course will introduce students to the four major themes of our curriculum: ecosystems, organisms, cells and molecules. Practicum in scientific methodology, critical thinking, reading and writing, focusing on analysis of scientific literature through discussion, team based learning and invited research presentations. Laboratory: 3 hours per week. Co-requisite: BIOL 1351.

1352 – Introduction to Cell and Molecular Biology
Continuation of overview of biological concepts underlying the unity and diversity of life. Focus on the molecular and cellular foundations of life as revealed in study of water, macromolecules, membranes, cellular metabolism, photosynthesis, cellular reproduction, and the molecular basis of inheritance. Co-requisite: BIOL 1152.
1152 – Basic Lab Techniques in Biology
Introduction to biology as a scientific process as revealed through inquiry–based laboratories. Introduction to quantitative and qualitative laboratory methods in cell and molecular biology. Laboratory: 3 hours per week. Co-requisite: BIOL 1352.

2442 – Comparative Anatomy
Comparative study of the organ systems of chordates. Lecture: 3 hours. Laboratory: 3 hours per week. Dissection of representative chordates. 
Prerequisites: BIOL 1351/1151, BIOL 1352/1152, CHEM 1341/1141, CHEM 1342/1142.

2445, 2446 – Human Anatomy and Physiology
A study of the structure and function of the different organ systems. Lecture: 3 hours. Laboratory: 3 hours. Prerequisite for 2446: BIOL 2445.

3111 – Junior/Senior Seminar
Discussion of current topics in biology. Students will be required to read, present and discuss current articles in the biological literature. Prerequisites: BIOL 3321 and junior or senior standing.

3300 – Field Studies in Ecology and Environmental Science
Field course in ecology and environmental science. Survey of physical and biological processes and their interactions in different natural settings. Introduction to field techniques and methodologies, ecosystem dynamics, and issues in natural resource management and conservation in selected locations in the United States and abroad. Much of the course time will be spent outdoors. Prerequisite: BIOL 3321.

3321 – Genetics
Organization and function of the genetic material in prokaryotes and eukaryotes. Includes basic principles and problems in molecular and biochemical genetics as well as study of patterns of inheritance. Prerequisites: BIOL 1351/1151, BIOL 1352/1152, CHEM 1341/1141, CHEM 1342/1142.

3121 – Genetics and Molecular Biology Laboratory
Laboratory course introducing methods of genetic crosses, DNA extraction, restriction digests, PCR, transformation and cloning and current molecular techniques. Laboratory: 3 hours per week. Prerequisites: BIOL 1351/1151, BIOL 1352/1152, CHEM 1341/1141, CHEM 1342/1142; Co-requisite: BIOL 3321.

3331 – Ecology
Principles governing interactions between organisms and their physical and biotic environments. Includes study of the biology of populations, communities and ecosystems. Prerequisite: BIOL 3321.

3333 – Microbiology
The study of microbes. Prerequisite: BIOL 3321.

3133 – Microbiology Laboratory
Laboratory methods to study bacteria. Laboratory: 3 hours per week. Prerequisite: BIOL 3321.
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3334 – Biochemistry (CHEM 3334)
An introductory course in biochemistry focusing on amino acids, proteins, enzymes, nucleic acids, carbohydrates and lipids. Prerequisite: CHEM 2343.

3134 – Biochemistry Laboratory (CHEM 3134)
Preparation of dilutions, buffer preparation, titration of amino acids, colorimetric tests for proteins, carbohydrates and nucleic acids, chromatography, preparation of standard curves for unknown identification, spectrophotometry, enzyme kinetics and electrophoresis. Laboratory: 3 hours per week. Prerequisites: CHEM 2343, 2143.

3336 – Environmental Toxicology
Study of environmental toxins and pollutants in air, water and soil. Emphasis on distribution, dissipation, metabolism, fate. Prerequisites: CHEM 2343, BIOL 3321.

3338 – Endocrinology
An introductory course in endocrinology focusing on the endocrine system of vertebrates, hormones and comparison with the hormones of plants and other animals. Prerequisites: BIOL 3321.

3339 – Neuroscience
Study of the structure and function of the nervous system of vertebrates and invertebrates. Prerequisites: BIOL 3321.

3341 – Marine Biology
Description of the physical characteristics of the world ocean and of the plants and animals associated with marine habitats. Emphasis on ecological interactions and adaptations of marine organisms. Prerequisite: BIOL 3321.

3345 – Physiology
Introduction to the basic concepts of physiological regulation from cellular level to organ system level. Emphasis on mammalian systems. Prerequisite: BIOL 3321.

3351 – Molecular Biology
An examination of the structure, organization and replication of DNA and the control of gene expression through transcription and translation. Emphasis also on theory behind current techniques. Prerequisites: CHEM 2343, BIOL 3321.

3151 – Advanced Molecular Biology Laboratory
Laboratory course focusing on advanced methods in molecular techniques. Taught from a problems based approach. Laboratory: 3 hours per week. Prerequisites BIOL 3321, 3121.

3440 – Plant Physiological Ecology
Study of abiotic and biotic factors that influence the dynamics of plant communities. After initial study of individual leaves and whole plants, the physiological processes are scaled up to canopy and ecosystem level. Lecture: 3 hours. Laboratory: 3 hours. Laboratory methods in plant physiological ecology. Addresses ecological principles, vegetation sampling methods and physiological and biochemical techniques. Local field trips for sampling. Prerequisites: CHEM 2343, BIOL 3321.
3444 – Invertebrate Zoology
A survey of the invertebrates, with emphasis on their evolution and their structural and physiological adaptations. Lecture: 3 hours. Laboratory: 3 hours per week. Prerequisite: BIOL 3321.

3445 – Developmental Zoology
Embryonic development in vertebrates and invertebrates. Emphasis on early embryonic events, molecular interactions and gene expression. Lecture: 3 hours. Laboratory: 3 hours per week. Prerequisites: BIOL 3321, BIOL 3351.

3446 – Comparative Histology
Comparison of the structure and ultrastructure of cells and tissues that constitute the organs and organ systems of vertebrates and invertebrates. Laboratories will feature the use of the light microscope for study of prepared slides of animal tissues. Lecture: 3 hours. Laboratory: 3 hours per week. Prerequisites: BIOL 3321 and a course from Organisms Category.

3450 – Plant Physiology
Introduction to basic concepts of plant function, carbon metabolism, energy acquisition, regulation of growth and development, stress responses and nutrient uptake. Lecture: 3 hours, Laboratory: 3 hours: Study of the function and performance of plants in their environment. Focus on physiological and biochemical processes involved in plant growth, development and survival in the environment. Prerequisites: CHEM 2343, BIOL 3321.

3461 – Cell Biology
Study of cellular structure/function relationships. Focus on membranes, internal compartments, cytoskeleton and cellular communication. Laboratory will include inquiry-based investigations. Lecture: 3 hours. Laboratory: 3 hours per week. Prerequisites: BIOL 3321, BIOL 3121.

4192,4292,4392,4492 – Directed Reading/Independent Study in Biology
Student research on a selected problem pursued under the guidance of an assigned member of the faculty. Open only to biology majors. Prerequisite: permission of instructor.

4193,4293,4393,4493 – Special Topics in Biology
Upper-division treatment of selected topics of mutual interest to the professor and students. Open only to biology, bioinformatics and biochemistry majors. Prerequisite: BIOL 3321.

4332 – Evolution
Introduction to modern evolutionary theory. Includes discussion of adaptation, speciation, phylogenetics and molecular evolution. Prerequisites: BIOL 3321, senior standing.

4333 – Research Methods in Biological Investigation
Introduction to methodology utilized in biological studies, including both field and laboratory techniques. Emphasis on student research, including preparation of research proposal and written as well as oral presentation of results. Prerequisites: BIOL 3321, junior standing.
**4334 – Research Methods in Ecology**
Introduction to methodology utilized in ecological research, including both field and laboratory techniques. Emphasis on student research, including preparation of research proposal and written and oral presentation of results. *Prerequisites: BIOL 3321, BIOL 3331, junior standing.*

**4354 – Pathogenic Microbiology**
Study of disease-causing microbes with a focus on host-pathogen interactions, virulence factors, host response, transmission, detection, and prevention. The course will stress important human, plant and animal diseases caused by viruses, bacteria and protozoans. Emphasis will be placed on the emerging molecular techniques used to understand, identify and control epidemics. *Prerequisite: BIOL 3321.*

**4154 – Pathogenic Microbiology Laboratory**
Laboratory course focusing on the study of disease-causing microbes. Emphasis will be placed on the emerging molecular techniques used to understand, identify and control epidemics. *Laboratory: 3 hours per week. Prerequisite: BIOL 3321.*

**4440 – Microbial Ecology**
Relationships between microorganisms and their biotic and abiotic environments. Includes the study of fundamental principles of the ecology of microorganisms as well as the significance of microbial interactions with plants and animals and their effect on human health and environmental quality. *Lecture: 3 hours. Laboratory: 3 hours per week. Prerequisites: BIOL 3321, BIOL 3331.*

**4449 – Immunology**
The study of the structure and function of the immune system. *Lecture: 3 hours. Laboratory: 3 hours per week. Prerequisite: BIOL 3321.*

**4450 – Microbial Genetics**
Study of all aspects of the genetics of bacteria, including DNA replication, bacterial genome structure, gene expression and regulation, gene transfer, and bacteriophage genetics. Students will learn about these topics in light of both classical and cutting-edge molecular and bioinformatics-based approaches. The class will also survey the latest applications of microbial genetics to the fields of biotechnology, genetic engineering, agriculture, and medicine. *Lecture: 3 hours. Laboratory: 3 hours per week. Prerequisites: BIOL 3321, BIOL 3121.*

**CATHOLIC STUDIES (CS)**

*Director:* Sister Paula Jean Miller, FSE, millerp@stthom.edu

Catholic Studies in Global Perspective is a multidisciplinary major and minor. The purpose of the Catholic Studies Program is to educate students to the Catholic heritage embodied in the contributions of Catholic intellectuals of every culture and age. Catholic Studies fosters the integration of knowledge, the dialogue between faith, reason, and culture, and the ethical and moral implications of learning within the unique orientation given by theology.
A degree in Catholic Studies provides young professionals with skills and resources to assume the mission of the laity in a global culture by understanding the Catholic intellectual tradition and applying its principles in professional life. Students are challenged to “Link your Professions to your Faith.” Catholic Studies also provides a solid, multidisciplinary basis for those preparing for diocesan and parish ministries.

Catholic Studies students are actively involved in the integration of faith and life by participating in multidisciplinary discussions, study abroad and service learning. The Archbishop Miller Lecture Series provides encounters with experts who have integrated the Catholic vision into their professional lives. The Archbishop Miller Endowed Chair ensures the future continuity of the Catholic Studies Program in the University of St. Thomas.

Catholic Studies Major Requirements: 36 credit hours (15 credit hours in required courses; 21 credit hours in electives from five different disciplines).

Catholic Studies Requirements (15 credit hours)
CS 3300 Mapping the Catholic Landscape
CS 3310 Opening to Transcendence: Rediscovering Symbol
CS 3315 Exploring the Catholic Tradition
CS 3320 Re-connecting Catholicism with the Social and Natural Sciences
CS 4300 Catholic Impact on the Professions

Catholic Studies Electives (21 credit hours)
Choose 7 courses from at least 5 different disciplines:

Art History
ARTHS 3340 Early Medieval Art
ARTHS 3341 Late Medieval Art
ARTHS 3352 Survey of Art
ARTHS 3372 Baroque Art
ARTHS 3391 Early Renaissance Art
ARTHS 3392 High Renaissance and Mannerist Art
ARTHS 4345 Iconography of Christian Art
ARTHS 4375 Bernini and Baroque Rome
ARTHS 4395 Michelangelo

Biology
BIOL 4332 Evolution (take simultaneously with CS 4192)

Communication
COMM 4393 Propaganda

Cameron School of Business
MGMT 4393 Spirituality in the Workplace: A Quest for Meaning

Drama
DRAM 3340 Theatre History I
English
ENGL 3306 Modern Catholic Writers
ENGL 3310 Chaucer
ENGL 3316 Shakespeare
ENGL 3324 17th - Century Poetry and Prose
ENGL 3326 Milton
ENGL 4393 Arthurian Legend
ENGL 4393 Fantasy Literature
ENGL 4393 Film and Catholic Culture
ENGL 4393 Literature in the Bible
ENGL 4393 Medieval Drama
ENGL 4393 Tolkien

History
HIST 3303 Europe: the Middle Ages
HIST 3304 Early Modern Europe
HIST 3359 Science and Society to 1500
HIST 4337 Magic and Witchcraft
HIST 4338 Europe and the Age of Discovery
HIST 4393 French Civilization and Culture
HIST/THEO 4360 John Henry Newman

Music
MUSC 3340 Music and Western Civilization
MUSC 3341 Music Literature I

Modern Languages
SPAN 4331 Survey of Spanish-American Literature
SPAN 4333 Survey of Spanish Literature I
SPAN 4334 Survey of Spanish Literature II
SPAN 4371 Spanish Culture
SPAN 4372 Hispanic American Culture
SPAN 4393 Hispanic Women
FREN 4393 French Saints and Culture
FREN 4393 French Film

Philosophy
PHIL 3318 Bioethics
PHIL 4331 Philosophy of Art and Beauty
PHIL 4337 Philosophy of History and Culture
PHIL 4354 Philosophy of St. Augustine
PHIL 4393 Contemporary Catholic Political and Moral Philosophers
PHIL 4393 C.S. Lewis
PHIL 4393 Aquinas and *The Lord of the Rings*
PHIL 4393 Women’s Revolution

Political Science
POSC 3360 Introduction to Justice and Peace Studies
POSC 4306 Catholic Political and Social Thought
POSC 4393 Religion and Politics
### Theology

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>THEO 3336</td>
<td>Christian Spirituality</td>
</tr>
<tr>
<td>THEO 3363</td>
<td>Church History I</td>
</tr>
<tr>
<td>THEO 3364</td>
<td>Church History II</td>
</tr>
<tr>
<td>THEO 4324</td>
<td>Christian Ethics and the Law</td>
</tr>
<tr>
<td>THEO 4336</td>
<td>American Catholic Heritage</td>
</tr>
<tr>
<td>THEO 4327</td>
<td>Sacred Arts in the Church</td>
</tr>
<tr>
<td>THEO 4334</td>
<td>Social Justice and the Church</td>
</tr>
<tr>
<td>THEO 4347</td>
<td>Fathers of the Church</td>
</tr>
<tr>
<td>THEO 4348</td>
<td>Theology of the Body</td>
</tr>
<tr>
<td>THEO 4374</td>
<td>Modern Challenges to Christianity</td>
</tr>
<tr>
<td>THEO 4393</td>
<td>French Medieval Thought and Spirituality</td>
</tr>
<tr>
<td>THEO 4393</td>
<td>20th-Century French Catholic Thought Leading to Vatican II</td>
</tr>
</tbody>
</table>

Double or Joint Major: Catholic Studies may be paired with every other discipline at the University of St. Thomas. Joint Major Degree Plans have been developed thus far with Communication, Drama, English, Environmental Studies, History, International Studies, Music, Philosophy, Political Science, Psychology, Spanish, and Theology. A joint major differs from a double major in that elective credit-hour requirements are reduced to 15, in a minimum of four disciplines (30 credit hours total).

Minor in Catholic Studies: A minor in Catholic Studies consists of five required courses (CS 3300, CS 3315, and either CS 3310 or CS 3320) and three electives taken from three different disciplines (18 credit hours total).

### COURSES

**3300 – Mapping the Catholic Cultural Landscape**

What is the source, meaning, and end of human existence? Philosophical and theological tools for interpreting the Catholic vision of the human person in complement to the perspectives of the arts and sciences.

**3310 – Opening to Transcendence: Rediscovering Symbol**

How do we both experience and transcend the tension between body/spirit; time/eternity; good/evil? The Catholic tradition within literature, art, music, and drama.

**3315 – Exploring the Catholic Tradition**

The meaning and content of the Catholic Tradition developed in relation with Sacred Scriptures. How do both the magisterium and the lay faithful receive, hand on, and live out the Catholic Tradition expressed in the "four pillars" of the Church: Faith, Liturgy, Morality, and Prayer.

**3320 – Re-Connecting Catholicism with the Social and Natural Sciences**

What principles can facilitate a real encounter between Catholic theology and the sciences, law, politics, medicine and technology?

**4300 – Catholic Impact on the Professions**

Individual research and internship apply significant theological and philosophical principles and documents of the Catholic intellectual tradition to the student’s profession in the third Christian millennium. *Capstone course.*
ELECTIVES are provided by the academic departments of the University, published online and crosslisted for Catholic Studies (CS). All department prerequisites for an elective apply. New electives will be developed regularly that elucidate the interrelationship between the Catholic Tradition, various disciplines, and the development of civilizations and culture.

CATHOLIC STUDIES ELECTIVES

4391 – Social Justice Internship
A practical experience with a Catholic organization dealing with social justice issues. Both a faculty member (Political Science Department) and a field supervisor will coordinate and evaluate the internship. Periodically, throughout the semester, interns in this program will meet to discuss how their internships are related to Catholic Social Teaching.

4192, 4292, 4392, 4492 – Directed Reading/Independent Study in Catholic Studies
Student research on the Catholic Tradition in regard to an elective offered by a particular discipline, pursued under the guidance and evaluation of a faculty member within that discipline and approved by the Director of Catholic Studies.

CHEMISTRY (CHEM)

CHEMISTRY AND PHYSICS DEPARTMENT

Department Chair: Gerald L. Gries, griesg@stthom.edu

Chemistry, as a physical science, contributes to the student’s vision of the universe and to an understanding of scientific truth. Students in the chemistry program will study chemistry as both a subject and a process. As a subject, chemistry deals with the properties of the different elements that constitute matter as we experience it, the forces that hold matter together and the energy changes associated with changes in matter. It attempts to explain how the atomic arrangements result in macroscopic properties of matter. As a process, chemistry is concerned with the tools and techniques of investigating matter, the interpretation of the results of these investigations and the various models used to explain the experimental results. Undergraduate research in chemistry is offered as a primary means of enhancing students’ education.

Students majoring in chemistry will have the scientific knowledge necessary for functioning effectively in the modern world, will experience an education balanced between theory and practice that will prepare them for graduate study and will acquire the knowledge and skills necessary for entry-level employment.

Admission to courses beyond CHEM 1341 requires the successful (“C” or better) completion of their prerequisites at the University of St. Thomas or their equivalents at another appropriately accredited institution. The decision on the adequacy of an equivalent rests with the department chair.

The B.S. Chemistry & Biochemistry degrees of UST have been Accredited by the ACS Committee on Professional Training.
Major in Chemistry – B.S. Degree:

Chemistry major requirements (BS) – Chemistry/Mathematics: 64-65 credit hours

Chemistry (36 credit hours)
CHEM 1341 / 1141 General Chemistry I and laboratory
CHEM 1342 /1142 General Chemistry II and laboratory
CHEM 2343 / 2143 Organic Chemistry I and laboratory
CHEM 2344 / 2144 Organic Chemistry II and laboratory
CHEM 3334 / 3134 Biochemistry and laboratory
CHEM 3343 / 3143 Quantitative Analysis Lecture and laboratory
CHEM 4112 Seminar (pass/fail)
CHEM 4332 / 4132 Inorganic Chemistry and laboratory
CHEM 4361 / 4161 Physical Chemistry I and laboratory
CHEM 4362 Physical Chemistry II

Chemistry (9 credit hours)
CHEM 3344/ 3144 Instrumental Methods of Analysis and Lab
CHEM 4331/ 4131 Advanced Organic Chemistry and Lab
CHEM 4162 Physical Chemistry Lab II

Or with permission one of the following may be substituted for one of the above:
CHEM 4113 Introduction to Scientific Glassblowing (pass/fail)
CHEM 4150/ 4250/ 4350/ 4450 Laboratory Research Methods (pass/fail)
CHEM 4354/ 4154 Environmental Chemistry and Lab
CHEM 4193/ 4293/ 4393/ 4493 Special Topics in Chemistry

Mathematics (8 credit hours):
MATH 1431 Calculus I
MATH 1432 Calculus II

Mathematics - choose one of the following courses (3-4 credit hours):
MATH 2431 Calculus III
MATH 2343 Differential Equations
MATH 3334 Linear Algebra I

Physics – choose General Physics or University Physics (8 credit hours)
PHYS 1331/ 1111 General Physics I and laboratory
PHYS 1112/ 1332 General Physics II and laboratory
Or
PHYS 2331/ 2111 University Physics I and laboratory
PHYS 2332/ 2112 University Physics II and laboratory

It is highly recommended that the B.S. majors take University Physics instead of General Physics.
Major in Chemistry – B.A. Degree:

Chemistry major requirements (BA) – Chemistry/Mathematics: 56 credit hours

Chemistry (36 credit hours)
CHEM 1341/1141 General Chemistry I and laboratory
CHEM 1342/1142 General Chemistry II and laboratory
CHEM 2343/2143 Organic Chemistry I and laboratory
CHEM 2344/2144 Organic Chemistry II and laboratory
CHEM 3343/3143 Biochemistry and laboratory
CHEM 3343/3143 Quantitative Analysis and laboratory
CHEM 4112 Seminar (pass/fail)
CHEM 4332/4132 Inorganic Chemistry and laboratory
CHEM 4361/4161 Physical Chemistry I and laboratory
CHEM 4362 Physical Chemistry II

Chemistry – choose an additional 4 credit hours of 3000/4000 level chemistry electives

Mathematics (8 credit hours):
MATH 1431 Calculus I
MATH 1432 Calculus II

Physics (8 credit hours):
PHYS 1331/1111 General Physics I and laboratory
PHYS 1332/1112 General Physics II and laboratory

This program is recommended for a student desiring to qualify for a teaching certificate or for entering a health professions program such as medicine, dentistry or pharmacy.

Minor in Chemistry

Chemistry minor requirements – Chemistry: 24 credit hours

Chemistry (20 credit hours):
CHEM 1341/1141 General Chemistry I and laboratory
CHEM 1342/1142 General Chemistry II and laboratory
CHEM 2343/2143 Organic Chemistry I and laboratory
CHEM 2344/2144 Organic Chemistry II and laboratory
CHEM 3343/3143 Quantitative Analysis and laboratory

Chemistry – choose an additional 4 credit hours of 3000/4000 level chemistry electives

COURSES

1341, 1342- General Chemistry
Fundamental laws and concepts are presented and studied qualitatively and quantitatively. Topics include atomic theory and molecular structure; states of matter; physical and chemical equilibria; kinetics; electrochemistry; elementary inorganic, organic and nuclear chemistry. Co-requisites for CHEM 1341: CHEM 1141;
Prerequisite for CHEM 1341: “C” or better in high school chemistry or permission of faculty member. Co-requisites for CHEM 1342: CHEM 1142. Prerequisites: for CHEM 1342: CHEM 1341 or permission of faculty member.
1041R, 1042R- General Chemistry Recitation
Each lecture section has a required, concurrent recitation section, i.e., CHEM 1341A requires CHEM 1041RA. No credit, no charge.

1141, 1142- Fundamentals of Chemistry Laboratory
The experiments illustrate and reinforce chemical principles and concepts by use of quantitative as well as qualitative methods. Emphasis is on the interpretation and reporting of data as well as facility in handling laboratory equipment. **Laboratory: Minimum 3 hours per week. Co-requisites for CHEM 1141: CHEM 1341; Co-requisites for CHEM 1142: 1342.**

2343, 2344- Organic Chemistry
Chemistry of carbon-containing compounds. First semester: principles of structure, mechanism and reactivity as a basis for explaining organic chemical reactions. Second semester: these basic concepts are used to develop an understanding of the reactions of functional groups found in organic molecules. **Co-requisites Chem 2343: CHEM 2143; CHEM 2344: CHEM 2144. Prerequisites CHEM 2343: CHEM 1341, 1342, 1141, 1142. CHEM 2344: CHEM 2343.**

2143, 2144- Organic Chemistry Laboratory
Practical experience in the fundamental techniques of preparing, purifying and identifying organic compounds, and investigations into some of the more important reactions of specific compounds. Laboratory: minimum 4 hours per week. **Co-requisites CHEM 2343: CHEM 2143; Prerequisites for CHEM 2344: CHEM 2144.**

3334- Biochemistry (BIOL 3334)
An introductory course in biochemistry, focusing on amino acids, proteins, enzymes, nucleic acids, carbohydrates and lipids. **Co-requisite: CHEM 3134. Prerequisites: junior standing; CHEM 2343, 2143 or permission of instructor.**

3134- Biochemistry Laboratory (BIOL 3134)
Preparation of dilutions, buffer preparation, titration of amino acids, colorimetric tests for proteins, carbohydrates and nucleic acids, chromatography, preparation of standard curves for unknown identification, spectrophotometry, enzyme kinetics and electrophoresis. Accompanies CHEM/BIOL 3334. **Laboratory: 3 hours per week. Co-requisite: CHEM/BIOL 3334. Prerequisites: junior standing; CHEM 2343, 2143 or permission of instructor.**

3343- Quantitative Analysis
Classical Quantitative Analysis. Gravimetric and volumetric methods of analysis, including stoichiometry, equilibria, acids, bases, buffers, redox chemistry and electrochemistry. Instrumental methods are introduced. The use of statistics in data analysis will also be covered. **Co-requisite: CHEM 3143. Prerequisites: CHEM 1341, 1342.**

3143- Quantitative Analysis Laboratory
Gravimetric and volumetric methods of analysis, the generation and analysis of analytical data and simple instrumental methods are presented. **Co-requisite: CHEM 3343. Laboratory: minimum 4 hours each week.**

3344- Instrumental Methods of Analysis
Separations and instrumental methods of analysis. Topics include: extraction, chromatography, spectrophotometry, spectroscopy and electrochemical techniques. **Co-requisite: CHEM 3144. Prerequisite: CHEM 3343.**
3144- Instrumental Methods of Analysis Laboratory
Experiments illustrate the fundamental principles and techniques necessary for the proper use of analytical instruments. Topics include the fundamentals and techniques of separation, several types of spectrophotometry and electrochemical methods. Corequisite: CHEM 3344. Laboratory: minimum 4 hours each week.

4112- Seminar in Chemistry
Students participate in a departmental seminar series. Students research an approved topic and make an oral presentation in the format of a professional meeting.

4113- Introduction to Scientific Glassblowing
Students learn the basics of fabricating and working with various types of glasses used in laboratory sciences. The course is conducted as a lecture-demonstration workshop in which the student must submit two “best” samples of each basic operation. Offered Occasionally. (Pass/Fail grade).

4131- Advanced Organic Chemistry Laboratory
Application of modern laboratory techniques in research projects encompassing use of the literature, modern synthetic protocols, including “green chemistry” and spectroscopic analysis. Minimum 4 hours of laboratory each week. Prerequisites: CHEM 2344, 2144. Co-requisite: CHEM 4331.

4132- Inorganic Chemistry Laboratory
Main group, transition metal and organometallic compounds are synthesized and characterized by various instrumental techniques. Co-requisite: CHEM 4332.

4150, 4250, 4350, 4450- Laboratory Research Methods
Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit. A minimum of 3 laboratory hours per week per credit hour. Nonchemistry majors may enroll with permission of the faculty research advisor. Course is offered when research funding and faculty advisors are available. (Pass/Fail grade).

4154- Environmental Chemistry Laboratory
Experiments illustrate the fundamental principles and techniques necessary for the proper use of analytical instruments. Topics included the fundamental and techniques of separation, several types of spectrophotometry and electrochemical methods. Laboratory: minimum 4 hours each week. Co-requisites: CHEM 4354. Prerequisites: CHEM 3143, 3343.

4161, 4162- Physical Chemistry Laboratory
Laboratory Experiments on the determination of physical properties, thermodynamics, equilibria, electrochemistry, molecular structure and kinetics. Laboratory: minimum 3 hours per week. Co-requisites for 4161: CHEM 4361.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Chemistry
Individual projects in chemistry. Permission of the department chair required. May be repeated.

4193, 4293, 4393, 4493- Special Topics in Chemistry
Upper-division treatment of selected topics of mutual interest to the professor and students.
4331- Advanced Organic Chemistry
Concepts of modern organic chemistry with special emphasis on bonding theory, stereochemistry, reaction mechanism, structure determination, synthesis design and heterocyclic chemistry. Prerequisites: CHEM 2344, 2144. Co-requisite: CHEM 4131.

4332- Inorganic Chemistry
A selection of basic and current topics of inorganic chemistry. Topics include: atomic theory, ionic and covalent bonding, acid/bases and nonaqueous solvents, symmetry, transition metal (structures, chemistry and bonding) and organometallics. Co-requisite: 4132. Prerequisites: CHEM 2344, 2144.

4334 – Advanced Biochemistry
Focus will be on advanced topics such as detailed analysis of nucleic acid chemistry, nucleic acid-protein interactions, protein-protein interactions and some special topics on the biochemistry of diseases. The course will include instructor-led lectures and group discussions of classical and current primary literature papers. Prerequisites: CHEM/BIOL 3334 & BIOL 3351

4354- Environmental Chemistry
Fundamental laws and concepts of chemistry as they relate to the interaction of chemicals with the environment. Co-requisites: CHEM 4154. Prerequisites: CHEM 3343, 3143.

4361, 4362- Physical Chemistry
Quantum chemistry, atomic and molecular structure; thermodynamics, including the first, second and third laws; dilute solutions; chemical and physical equilibria; gaseous, liquid and solid states; electrochemical phenomena; chemical kinetics. Prerequisites for CHEM 4631: two years of college chemistry, one year of college physics and differential and integral calculus. Prerequisite for CHEM 4362: CHEM 4361

CLASSICS (CLASS)
MODERN AND CLASSICAL LANGUAGES DEPARTMENT

Classics Program Chair: Elizabeth Coscio. coscioe@stthom.edu

Dealing directly with the classical texts, students return to the beginnings of a philosophical, political and literary tradition that spans three millennia. The program’s goal is to provide a cultural and artistic understanding of classical civilizations and to equip students with the grammatical skills necessary to handle competently ancient Latin and Greek texts of a moderate complexity.

MINOR IN CLASSICS

Students majoring in other fields may pursue a BA degree with a minor in Classics, either in Latin or in Greek. The requirements for such a minor are listed below. Each minor must include at least 9 credit hours of upper-division credit.
Latin minor requirements – Classics (Latin)/Art History/Philosophy: 18 credit hours
CLASS 1331  Introduction to Latin
CLASS 1332  Elementary Latin
CLASS 2331  Intermediate College Latin
CLASS 4383  Special Topics in Latin
ARTHS 3362  Roman Art
PHIL 3315  Ancient Philosophy

Greek minor requirements – Classics (Greek)/Art History/Philosophy: 18 credit hours
CLASS 1341  Introduction to Classical Greek
CLASS 1342  Elementary Classical Greek
CLASS 2341  Readings in Classical Greek Prose
CLASS 4393  Special Topics in Greek
ARTHS 3361  Greek Art
PHIL 3315  Ancient Philosophy

LATIN COURSES

1331- Introduction to Latin I
An intensive introduction to Latin grammar with selected readings.

1332- Introduction to Latin II
A continuation of Latin 1331 with selected readings from Latin prose and poetry. Latin 1331 or the equivalent is recommended.

2331- Intermediate College Latin
Readings of Classical Latin texts in prose and poetry.

2332- Intermediate College Latin
A continuation of Latin 2331 with increasingly more difficult Latin prose and poetry selections.

2351- Accelerated Introductory Latin
A course designed for those students, such as graduate students, who may need to quickly acquire a working knowledge of Latin for their primary field of study.

4182, 4282, 4382, 4482- Directed Reading/Independent Study in Latin
Student research on a selected problem in the field, pursued under the guidance of an assigned member of the faculty. Prerequisite: permission of program chair.

4183, 4283, 4383, 4483- Special Topics in Latin
Upper-division treatment of selected topics of mutual interest to the faculty member and students. Prerequisite: permission of program chair.

GREEK COURSES

1341- Introduction to Classical Greek
An intensive course in Attic morphology and syntax.

1342- Elementary Classical Greek
A continuation of Greek 1341 with the introduction of elementary readings.
2341- Readings in Classical Greek Prose
A reading of Plato’s *Euthyphro*.

2342- Readings in Classical Greek Prose
A reading of Plato’s *Apology*.

3341- Readings in Classical Greek
A reading of Euripides’ *Medea*.

3342- Readings in Classical Greek
A reading of Euripides’ *Hippolytus*.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Greek
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. *Prerequisite: permission of program chair.*

4193, 4293, 4393, 4493- Special Topics in Greek
Upper-division treatment of selected topics of mutual interest to the faculty member and student. *Prerequisite: permission of program chair.*

**LATIN COURSES AT SCHOOL OF THEOLOGY AT ST. MARY’S SEMINARY**

YAL 4307- Ecclesiastical Latin I
Preparation to read liturgical, patristic and conciliar texts. *On demand. Offered at the School of Theology campus only.*

YAL 4308- Ecclesiastical Latin II
Continuation of preparation to read liturgical, patristic and conciliar texts. *On demand. Offered at the School of Theology campus only.*

**GREEK COURSES**

YBAL 1301 - Introduction to Biblical Greek I
For those with no background in the language. Emphasis on grammar, syntax and vocabulary building to enable the student to read biblical texts. *Offered at the School of Theology campus only.*

YBAL 1302 - Introduction to Biblical Greek II
Continuation of Biblical Greek I: reading biblical texts; emphasis on continued vocabulary- building and understanding of more complex grammatical points. *Offered at the School of Theology campus only.*

**HEBREW COURSES**

YBAL 1303- Introduction to Biblical Hebrew I
For those with no background in the language. Emphasis on basic grammar, syntax and vocabulary building to enable the student to read biblical texts. *Offered at the School of Theology campus only.*

YBAL 1304- Introduction to Biblical Hebrew II
Continuation of Biblical Hebrew I: reading biblical texts while progressing through grammar; emphasis on mixture of grammatical drill and reading. *Offered at the School of Theology campus only.*
The Communication Department includes the fields of rhetoric, communication studies, broadcasting, journalism and public relations. Through course offerings and extracurricular activities, the department ensures that its students demonstrate critical thinking, skills in both written and oral communication, professional and technical competencies, and an understanding of the historical, theoretical, ethical and legal parameters of the field. By participating in a program that approaches subject matter from both theoretical and practical perspectives, students are prepared for professional careers and/or graduate study.

MAJOR IN COMMUNICATION

In addition to the general University degree requirements, a student wishing to earn a BA degree in communication must complete a minimum of 36 credit hours from the communication course offerings. Included in these 36 credit hours are seven core courses that are required for all communication majors. These core courses and other department requirements may be waived for transfer students who have completed similar course work at other institutions. However, a minimum of 50 percent of required upper-division courses must be completed at the University of St. Thomas.

Communication major requirements: 36 credit hours

Communication: 18 credit hours
COMM 1331 Public Speaking
COMM 2350 Interpersonal Communication
COMM 2361 Introduction to the Mass Media
COMM 3382 Mass Communication Law
COMM 4383 Communication Theory (capstone experience)
COMM 4391 Internship in Communication

Choose one course from the following (3 credit hours):
COMM 3370 Rhetorical Dimensions of the Media
COMM 4375 Media Ethics

15 credit hours of communication electives may be selected from departmental offerings:

Students have the option of completing one of the following concentrations using the above Communication electives.

Journalism/Public Relations
COMM 2341 Newswriting and Reporting
COMM 3342 News Editing
COMM 3345 Public Relations I
COMM 3346 Public Relations II
COMM 4340 Investigative Reporting: The Innocence Project
COMM 4350 Feature Writing
Radio/TV
COMM 2362 Radio Production
COMM 2463 TV Production I
COMM 3353 Broadcast Journalism
COMM 3375 Videotape Editing
COMM 3464 TV Production II
COMM 4357 Broadcast Programming

Communication Studies
COMM 2131 Forensics
COMM 2332 Persuasion
COMM 3333 Nonverbal Communication
COMM 3381 Social Impact of the Media
COMM 4385 Small Group Interaction

MINOR IN COMMUNICATION

Communication minor requirements: 18 credit hours
Completion of 18 credit hours to be selected with the approval of the department; 9 of the 18 credit hours must be upper-division.

Communication: 6 credit hours
COMM 1331 Public Speaking
COMM 2361 Introduction to Mass Media

One course (3 credit hours) from the following:
COMM 3370 Rhetorical Dimensions of the Media
COMM 4375 Media Ethics
COMM 4383 Communication Theory

Complete 9 additional credit hours of COMM courses. At least 6 hours must be upper-division.

JOINT MAJORS

Joint majors are available combining Communication with Catholic Studies, Drama, English, International Studies, Philosophy, Political Science and Spanish.

Evening and Saturday Offerings in Communication: At least one course is offered in the fall and spring in the evening.
Unless otherwise specified, there are no prerequisites for taking any communication course. All communication courses are open to majors and non-majors alike; except for some production courses and the basic public speaking class, there are no limitations on class size for any course.

**1331- Public Speaking**
Study of the fundamental principles and practices of oral communication and rhetorical strategies; methods of selecting, organizing, evaluating and communicating information. Designed to give students an understanding of their own speaking and listening abilities and an opportunity to develop these abilities to make them more effective in various communication situations. Enrollment limited.

**2131- Forensics**
Practicum in intercollegiate debate and speech competition. The course is designed to help students research, prepare and practice for tournament competition in debate, public speaking and oral interpretation of literature. Participation in weekend tournaments is required. May be repeated up to a maximum of 4 credit hours. Prerequisite: permission of faculty member.

**2332- Persuasion and Argumentation**
Study of the process of persuasion, the nature of argumentation, influence, methods and proof. Includes both theory and practice.

**2341- Newswriting and Reporting**
Introduction to newswriting, news story style, structure and readability. The course also acquaints the student with techniques of interviewing and reporting routine stories, i.e., deaths, crimes, accidents, meetings and simple features.

**2350- Interpersonal Communication**
Theory, research and practice associated with dyadic interaction. Concepts include disclosure, attraction, relational control, power and inclusion.

**2361- Introduction to the Mass Media**
History, economics, public control, programming, social effects and future of telecommunications, primarily radio and television broadcasting and broadband cable communication systems. Citizens’ responsibilities in the development of telecommunication systems and services.

**2362- Radio Production**
Basic orientation in audio production with laboratory experience in programming, writing and performance.

**2463- Television Production I**
Theoretical background and practical application of television production. Bridges a variety of techniques applied to both commercial and educational fields. Studio practice in the producing and directing of programs for television.

**3333- Nonverbal Communication**
Analysis of vocal and nonverbal interaction variables, including gestures, posture, territory/space, paralanguage, facial expressions, eye behavior, environment, touch, clothing and time.
3342- News Editing
Functions, responsibilities and techniques of news editing, evaluation and processing of news. Headline writing, picture editing and page makeup. Prerequisite: COMM 2341.

3345- Public Relations I
Nature of public relations practices in business, education and government. Emphasis on public relations strategies, identifying target public, press relations, cost management and planning public relations programs. Prerequisite: at least sophomore standing and COMM 2341 (concurrent registration acceptable).

3346- Public Relations II
Practical application of public relations theories and strategies; students develop hypothetical persuasive campaigns of “professional” quality. Prerequisite: COMM 3345.

3353- Broadcast Journalism
Newswriting and reporting for the electronic media, focusing on the development of a journalistic style applicable to radio and television news gathering. This course will teach students to incorporate aural and visual elements into the rhetorical theory. Study will include criticism, criteria and measures of effectiveness in the media. Prerequisites: COMM 1331 and 9 credit hours of English.

3370- Rhetorical Dimensions of the Media
An analysis of major contributions to rhetorical theory. Study will include criticism, criteria, and measures of effectiveness in the mass media. Prerequisites: COMM 1331 and 9 credit hours of English

3375- Videotape Editing
Applied theory and technique involved in videotape editing. Prerequisite: COMM 2463 preferred.

3381- Social Impact of the Media
Study of the process and effects of mass communication, including audience characteristics, diffusion of innovations, political processes, media violence, social learning, children and television and social effects of emerging media technologies. Prerequisites: junior standing; 9 credit hours of English.

3382- Mass Communication Law
Analysis and examination of statutory laws, congressional legislation and federal rules and regulations governing the mass media in the United States. Focus on the First Amendment, libel and slander, privacy, copyright, free press/fair trial, obscenity, advertising, antitrust and monopoly, taxation and licensing. Prerequisite: junior standing, completion of 6 credit hours of communication.

3464- Television Production II
Advanced work in television production, concentrating in electronic field videography and news- gathering techniques. Classroom lecture will be supplemented with extensive practical application. Prerequisite: COMM 2463 or its equivalent.
4191, 4291, 4391, 4491, 4591, 4691- Internship in Communication
Practicum or on-the-job experience under guidance of practicing specialists in the communication field. To be supervised individually by a department faculty member with the approval of the chair. May be repeated for a maximum of 6 credit hours.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Communication
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Substantial research paper or audio/video production required. May be repeated for a maximum of 6 credit hours. Prerequisites: junior- or senior-level status; permission of faculty member.

4193, 4293, 4393, 4493- Special Topics in Communication
Upper-division treatment of selected topics of mutual interest to the faculty member and students.

4340- Investigative Journalism: The Innocence Project
This course is a joint project between the Communication Department and the University of Houston Law Center’s Innocence Network. Students will learn investigative journalism techniques such as interviewing witnesses, searching public records, reviewing case files, plus sorting and weighing evidence. Course participants will serve the ends of social justice by striving to uncover and write about unjust convictions. Prerequisites: at least junior standing; 9 hours of English.

4350- Feature Writing
Techniques of nonfiction feature writing for newspapers and magazines. Students will gain practical experience in preparing query letters and manuscripts for publication. Prerequisite: COMM 2341 or permission of faculty member.

4357- Broadcast Programming
The decision-making process as it relates to program content and development in the electronic media. Basic principles of program selection, scheduling strategies and evaluation techniques.

4375- Media Ethics
A systematic, case-study approach to moral dilemmas encountered by media practitioners, including questions of truth, privacy, confidentiality and conflicts of interest. Prerequisites: junior standing or permission of faculty member; PHIL 2314.

4383- Communication Theory
Analysis of various theoretical models of communication, behavioral science theories and communication research paradigms. Topics include information theory, scientific method, balance and congruity theories, dissonance, perception, attitude change, group dynamics, persuasion, interpersonal communication and nonverbal communication. Prerequisites: completion of or current enrollment in COMM 1331, 2350, 2361.

4385- Small Group Interaction
Principles of current methods and theories of human interaction in group situations, both formal and informal. Emphasis on behavioral antecedents and consequences of messages and on processes of positive group interaction. Prerequisites: COMM 1331.
4399- Senior Thesis

Optional research-based written project in which the serious senior communication major, in consultation with the appropriate Communication Department faculty member, selects an issue or problem for scholarly study, chooses a faculty committee (consisting of at least two members of the Communication Department and one member outside the department), undertakes significant and substantial research and produces a major paper of publishable quality. This course may be repeated for up to a maximum of 6 credit hours. The chair of the Communication Department sits as a voting member on all senior thesis committees. Prerequisite: approval of the chair.

DRAMA (DRAM)

FINE ARTS & DRAMA DEPARTMENT

Program Chair: Claire M. McDonald, mcdonald@stthom.edu

The Drama Program provides students with a dynamic, participatory adventure into the world of theatre while remaining firmly rooted in a broad liberal arts foundation. We provide students with extraordinary performance opportunities while providing an extensive background in dramatic thought and theory. Students completing the program will be prepared to enter the professional theatre, graduate theatre programs and a wide variety of non-theatre professions that seek out vibrant, educated, ethical, articulate people.

All senior drama majors will be required to present a capstone performance/technical project, to develop a portfolio and resume, and to score at least 75 percent on an objective examination.


MAJOR IN DRAMA

Drama major requirements: 43 credit hours

Drama: 34 credit hours

DRAM 1111/4112  Rehearsal and Production (6 hours minimum)
DRAM 1331  Acting I
DRAM 1336  Stagecraft
DRAM 2331  Movement for the Theatre
DRAM 2335  Theatre Speech
DRAM 3331    Playwriting OR 3329 Screenwriting
DRAM 3333    Scene Design OR approved special topic design course
DRAM 3337/3137 Children’s Theatre and laboratory
DRAM 3340    Theatre History I
DRAM 3341    Theatre History II

Choose an additional 9 credit hours of drama electives, 3 credit hours of which
must be upper-division.

MINOR IN DRAMA

Drama minor requirements: 21 credit hours

Choose one of the following drama courses (3 credit hours):
DRAM 1331    Acting I
DRAM 1330    Introduction to the Theatre

3 credit hours of the lab series:
DRAM 1111/4112 Rehearsal and Production

Choose 15 credit hours of drama electives, 9 credit hours of which must be
upper-division.

JOINT MAJOR

Joint majors are available combining Drama with Catholic Studies, Communication,
English, Theology or Philosophy.

Evening and Saturday Offerings in Drama: No evening or Saturday course
offerings are anticipated for 2009-2010 although credit for Rehearsal and
Production involves evening and weekend work.

COURSES

1111, 1112, 2111, 2112, 3111, 3112, 4111, 4112- Rehearsal and Production
    Participation backstage and on stage in Drama Program productions.

1330- Introduction to Theatre
    A foundation program in drama. Emphasis is on history, play structure, acting and
design.

1331- Acting I
    Development of voice and diction through oral interpretation of dramatic
    literature. The students present a public performance at semester’s end.

1336- Stagecraft
    The technique of scenery construction and painting.

2331 – Movement for the Theatre
    In an effort to shape a more fully responsive, spontaneous and creative actor, This
course explores a variety of movement traditions, including Classical Ballet, Stage
Combat, Kabuki, Noh, Restoration Behavior and techniques of both Suzuki and
Anne Bogart.
2332 – Acting II
Theory and practice in characterization. Students participate in duet scenes and monologues and appear in one-act plays. Prerequisite: DRAM 1331 or its equivalent.

2335- Theatre Speech
A practical and theoretical examination of the basic principles of voice production. The student works with images and characterization necessary for the stage. Emphasis on diction and articulation.

3137- Children’s Theatre Laboratory
A production and performance laboratory which will involve students in a play for young audiences. Co-requisite: DRAM 3337. May be repeated for credit.

3329- Screenwriting
Theories and techniques of writing feature films and teleplays, including structure, dialogue and characterization. Students write scenes and a short screenplay. Prerequisite: permission of faculty member.

3331- Playwriting
The study of dramatic structure, dialogue, action and characterization. Students write short scenes and a short play. Prerequisite: permission of faculty member.

3333- Scene Design
The principles of scene design for the stage. Emphasis is on the execution of designs through drafting and model building. Prerequisite: DRAM 1336.

3337- Children’s Theatre
Theory and practice in the art of performing for young audiences. Students will participate in a major production for children. Corequisite: DRAM 3137. Prerequisite: DRAM 1331 or permission of program chair.

3338- Creative Drama
An examination of methods used to teach theatre arts in the elementary classroom. Emphasis is on sensory awareness, pantomime and story dramatization. The students will participate in and lead creative drama sessions with children.

3340 - Theatre History I
Theatre History I provides an understanding of how key shifts in human communication shaped developments in the history of theatre and performance. Focusing on artifacts from antiquity through to the restoration, this course explores the methodologies employed by contemporary theatre historians in an effort to create a truly global perspective on drama, theatre and performance.

3341 - Theatre History II
Theatre History II provides an understanding of how key shifts in human communication shaped developments in the history of theatre and performance. Focusing on artifacts from the restoration through to the post-modern era, this course explores the methodologies employed by contemporary theatre historians in an effort to create a truly global perspective on drama, theatre and performance.
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4191, 4291, 4391- Internship in Drama
Practicum or on-the-job experience under the guidance of practicing specialists in
the field. To be supervised individually by a program faculty member with the
permission of the program chair.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Drama
Student research on a selected problem in the field pursued under the guidance of
an assigned member of the faculty.

4193, 4293, 4393, 4493- Special Topics in Drama
Upper-division treatment of selected topics of mutual interest to the faculty
member and students, such as costume history and design, advanced stage
makeup and stage movement.

4331- Directing
The fundamentals of play directing. Emphasis is on play analysis, production
techniques and the relationship between director, script and actor. The students
will direct a one-act play. Prerequisite: permission of program chair.

4333- Improvisation for the Actor
Theory and practice in improvisational acting as an approach to characterization
and ensemble playing. Prerequisite: DRAM 1331 or permission of program chair.

4334- Styles of Acting
Theory and practice in the styles of acting. Styles can include Greek,
Shakespeare, Restoration, Farce, Absurd, Epic and Artaud. Prerequisite: DRAM
1331 or permission of program chair.

ENGLISH (ENGL)

Department Chair: Kerry MacArthur, macarth@stthom.edu

To read well and to write well are fundamental tasks of the literate person. Since the
founding of the University, the mission of the English Department has been to teach
students those literary texts written or translated into English that express “the best that
has been known and said.” The curriculum emphasizes literature because of its power
“to teach and to delight” and its attention to truth and beauty. It stresses critical
reading to develop analytical skills. The major in English develops language and
writing skills because there is a fundamental relationship between accurate reading,
clear thinking and well-organized oral and written expression. The ability to write and
speak well are, moreover, good in and of themselves. The English major also
recognizes the need to nurture the imagination both in its emphasis on the aesthetic
values of literature and in its courses in creative writing. The English major prepares
students for graduate work in departments of English and in other fields, as well as for
careers in writing and in primary and secondary education; the major imparts
knowledge, attitudes and skills appropriate for many types of professional careers.

English majors follow a program of readings in periods of English and American
literature; they also take courses that concentrate on single authors. Many courses
include the study of films. English majors study literary criticism in a specialized
course, but they explore important critical approaches to literature in many courses.
Courses in creative writing and in advanced prose writing are important components of the English major curriculum. The department encourages English majors to take elective courses in nontraditional literary studies in order to increase their appreciation of diverse cultures and points of view.

Objectives:

1. Students majoring in English will be competent in oral and written expression and research methods.
2. Students majoring in English will demonstrate a basic knowledge of the major authors, the major literary texts, and the historical, intellectual and philosophical backgrounds of the traditional historical periods of English and American literature.
3. Graduates will be capable of analyzing and criticizing literary texts according to historical, formal (generic), and reader-response critical schools. They will understand the major tenets of archetypal and psychological critical schools and of postmodern criticism.

The department assesses students’ achievement in the major by a variety of means, including examinations, oral presentations and papers in required courses. In their senior year all English majors must present a thesis or produce a portfolio of creative writing or expository prose prepared under the direction of a professor in a chosen area. A jury of professors before whom the students present and defend their work will judge the thesis or portfolio.

MAJOR IN ENGLISH

English major requirements: 42 credit hours

Students majoring in English may choose between two concentrations: Literature or Writing.

English Major with Literature Concentration (21 credit hours):

ENGL 1341 The Classical Tradition: Literature and Composition I
ENGL 1342 The Middle Ages and Renaissance: Literature and Composition II
ENGL 2312 The Modern World: Literature and Composition III
ENGL 3310 Chaucer
ENGL 3316 Shakespeare
ENGL 3341 Literary Criticism
ENGL 4399 Senior Thesis

Choose 15 credit hours with the following distributions:

Renaissance- 3 credit hours from the following:
ENGL 3320 Sixteenth-Century Poetry and Prose
ENGL 3324 Seventeenth-Century Poetry and Prose
ENGL 3326 Milton
ENGL Any upper-division Special Topics course in 16th-17th Century Literature
Restoration-Eighteenth Century- 3 credit hours from the following:
ENGL 3330 Augustan Age
ENGL 3314 Development of the Novel
ENGL Any upper-division Special Topics course in Eighteenth-Century Literature

Nineteenth-Century- 3 credit hours from the following:
ENGL 3340 English Romantic Poets
ENGL 3344 Victorian Poetry
ENGL 3345 Nineteenth-Century Novel
ENGL Any upper-division Special Topics course in Nineteenth-Century Literature

Modern-3 credit hours from the following:
ENGL 4314 Modern Poetry
ENGL 4320 Modern Drama
ENGL 4324 Modern British Novel
ENGL 4325 Modern American Novel
ENGL Any upper-level Special Topics course in Twentieth-Century or Contemporary Literature

American- 3 credit hours from the following:
ENGL 4310 American Literature I
ENGL 4311 American Literature II
ENGL Any upper-level Special Topics course in American Literature

Choose an additional 6 credit hours of 3000/4000 level ENGL electives.

English Major with Writing Concentration (12 credit hours):
ENGL 1341 The Classical Tradition: Literature and Composition I
ENGL 1342 The Middle Ages and Renaissance: Literature and Composition II
ENGL 2312 The Modern World: Literature and Composition III
ENGL 4399 Senior Thesis

One major author course- choose one course from the following (3 credit hours):
ENGL 3310 Chaucer
ENGL 3316 Shakespeare
ENGL 3326 Milton
ENGL 4393 Special Topics (if appropriate)

One genre course- choose one course from the following (3 credit hours):
ENGL 3314 Development of the Novel
ENGL 3315 Development of the Drama
ENGL 3345 Nineteenth-Century Novel
ENGL 4314 Modern Poetry
ENGL 4320 Modern Drama
ENGL 4324 Modern British Novel
ENGL 4325 Modern American Novel
ENGL 4393 Special Topics (if appropriate)

One period course- choose one course from the following (3 credit hours):
ENGL 3320 Sixteenth-Century Poetry and Prose
ENGL 3324 Seventeenth-Century Poetry and Prose
ENGL 3330 The Augustan Age
ENGL 3340 English Romantic Poets  
ENGL 3344 Victorian Poetry  
ENGL 3345 Nineteenth-Century Novel  
ENGL 4310 American Literature I  
ENGL 4311 American Literature II  
ENGL 4314 Modern Poetry  
ENGL 4324 Modern British Novel  
ENGL 4325 Modern American Novel  
ENGL 4393 Special Topics (if appropriate)

Five upper division writing courses- choose five courses from the following (15 credit hours):

ENGL 3307 Creative Writing: Poetry  
ENGL 3308 Creative Writing: Fiction  
ENGL 3335 Professional Writing and Editing  
ENGL 4326 Advanced Rhetoric  
ENGL 4360 Advanced Writing (Non-Fiction)  
DRAM 3331 Playwriting  
DRAM 3332 Screenwriting  
ENGL Approved English Writing course

Choose an additional 6 credit hours of 3000/4000 level ENGL electives.

The department recommends that all English majors take courses in English and American history, and if they plan to do graduate work, at least 6 credit hours of a foreign language at the advanced level (3000/4000 level).

MINOR IN ENGLISH

English minor requirements: 24 credit hours

English (9 credit hours):

ENGL 1341 The Classical Tradition: Literature and Composition I  
ENGL 1342 The Middle Ages and Renaissance: Literature and Composition II  
ENGL 2312 The Modern World: Literature and Composition III

15 additional credit hours must be completed, with the following distributions:

One major author course- choose one course from the following (3 credit hours):

ENGL 3310 Chaucer  
ENGL 3316 Shakespeare  
ENGL 3326 Milton  
ENGL 4393 Special Topics (if appropriate)

One genre course- choose one course from the following (3 credit hours):

ENGL 3314 Development of the Novel  
ENGL 3315 Development of the Drama  
ENGL 3345 Nineteenth Century Novel  
ENGL 4314 Modern Poetry  
ENGL 4320 Modern Drama  
ENGL 4324 Modern British Novel  
ENGL 4325 Modern American Novel  
ENGL 4393 Special Topics (if appropriate)
One period course- choose one course from the following (3 credit hours):
ENGL 3320  Sixteenth-Century Poetry and Prose
ENGL 3324  Seventeenth-Century Poetry and Prose
ENGL 3330  The Augustan Age
ENGL 3340  English Romantic Poets
ENGL 3344  Victorian Poetry
ENGL 3345  Nineteenth Century Novel
ENGL 4314  Modern Poetry
ENGL 4310  American Literature I
ENGL 4311  American Literature II
ENGL 4324  Modern British Novel
ENGL 4325  Modern American Novel
ENGL 4393  Special Topics (if appropriate)

Choose an additional 6 credit hour of ENGL electives (English minors should consult the department chair concerning appropriate elective courses.)

MINOR IN CREATIVE WRITING

Contact: Janet Lowery, lowery@stthom.edu

Creative Writing minor requirements (21 credit hours):

English (15 credit hours)
ENGL 1341  The Classical Tradition: Literature and Composition I
ENGL 1342  The Middle Ages and Renaissance: Literature and Composition II
ENGL 2312  The Modern World: Literature and Composition III
ENGL 3307  Creative Writing: Poetry
ENGL 3308  Creative Writing: Fiction

Choose two courses from the following (6 credit hours):
DRAM 3331  Playwriting
DRAM 3332  Screenwriting
ENGL 4323  Literary Magazine
ENGL  or approved ENGL Creative Writing Course

JOINT MAJOR WITH COMMUNICATION OR PHILOSOPHY

Required courses in ENGL: 1341, 1342, 2312, 3310, 3316, 3341, and six additional upper-division courses, one of which must be in American literature, to be determined in consultation with the student’s advisor.

JOINT MAJOR WITH DRAMA

Required courses in ENGL: 1341, 1342, 2312, 3310 (or another course from the Medieval period), 3315, 3316, 3341, 4320, and four additional upper-division courses, one of which must be in American literature, to be determined in consultation with the advisor.

JOINT MAJOR WITH CATHOLIC STUDIES

Required courses in ENGL: 1341, 1342, 2312, 3310, 3316, 3318 (CS 3310), 3341, and four additional upper-division courses, one of which must be in American literature, to be determined in consultation with the advisor.
Evening and Saturday Offerings in English: The entire core sequence (ENGL 1341, 1342, and 2312) is offered on a two-year basis in the evening or on Saturday. In addition, at least one upper-division literature and/or writing course is offered every semester or term, including the summer, in the evening or on Saturday.

COURSES

ENGL 1341, 1342 and 2312 or 6-9 credit hours of ENGL core transfer credit and ENGL 3312 are prerequisites for all 3000/4000 level English courses.

1111/1112- Writing for All Disciplines
Open to all students who wish to improve their writing skills. Faculty advisors may require students with deficiencies to enroll. Individualized and/or class session review and development of student writing, including grammar and mechanics, constructing sentences, paragraphs and course papers. One session per week.

1310- Introduction to Academic Writing
Intensive study of grammar and usage, and development of analytical and writing skills necessary for college level courses. Students must earn a grade of at least “C” for admission to the first core curriculum English course: ENGL 1341- The Classical Tradition: Literature and Composition I. The 3 credit hours for 1310 do not fulfill any core curriculum requirement in English. They may, however, count toward the total number of hours required for graduation.

1311- The Culture of Writing
This course is intended to aid students in their transition into an academic culture that depends on writing for much of its most important communication. The course will include the review and application of principles and techniques of effective writing, critical reading, and critical thinking. Prerequisites: Open to Mendenhall Summer Institute students.

1341- The Classical Tradition: Literature and Composition I
Major Works of Greek and Roman lyric, drama, narrative and rhetoric, and their enduring presence. Techniques of academic writing and the principles of rhetoric. ENGL 1342 must be taken after 1341, but before ENGL 2312.

1342- The Middle Ages and Renaissance: Literature and Composition II
Medieval and Renaissance lyric, drama and narrative, and their abiding relevance. Techniques of research writing.

2312- The Modern World: Literature and Composition III
Representative literature from the Early Modern period to the present day, including works from non-Western perspectives. Continued application of principles of academic writing.

3305- Literature in the Bible
Study of the Bible as a unique masterpiece of world literature. Examination of the forms and genres of various parts of the Bible and the distinctive quality of its literary artistry.
3306- Modern Catholic Writers
Study of the authors whose Catholicism makes up a significant component of their works. Works studies may range from the nineteenth to the twenty-first century and may include all genres. May focus on the early twentieth century English Catholic literary revival. Authors may include Newman, Hopkins, Belloc, Chesterton, Claudel, von le Fort, Bernanos, Waugh, Tolkien, Flannery O'Connor, and Walker Percy.

3307- Creative Writing: Poetry
Workshop on writing poetry; emphasis on discussion of students’ writing. Limited enrollment. Prerequisite: permission of faculty member.

3308- Creative Writing: Fiction
Workshop on writing fiction; emphasis on discussion of students’ writing. Limited enrollment. Prerequisite: permission of faculty member.

3309- Modern Irish Literature
Study of Irish poetry, fiction, and drama from the Irish Revival/Modern period through the contemporary renaissance

3310- Chaucer
The Canterbury Tales; the nature of Chaucer’s literary achievements.

3312- Perspectives in World Literature
An overview of Classical, Medieval, Renaissance and Modern world literature, focusing on the abiding impact of this literature across and within cultures. For students with 6-9 credit hours of transferred English core credit only.

3314- Development of the Novel
A study of the early development of the novel in English, from Richardson through Austen. May include study of works of Fielding, Sterne, Smollett, Goldsmith, and others; may also include study of works of precursors such as Defoe.

3315- Development of the Drama
Greek, Roman and Medieval plays as forms that influenced modern drama from its beginnings in the 16th century.

3316- Shakespeare
A selection of comedies, tragedies, history plays and romances; intellectual and social backgrounds; the theater milieu.

3318- Opening to Transcendence: Rediscovering Symbol
What images and symbols express the tensions inherent in human existence: body and spirit; time and eternity; good and evil? The Catholic tradition within literature and art.

3319- Nature and the Environment in Literature
This course combines field experience of living in a relatively undeveloped natural setting with reading literary works that center on the natural world, the place of man in nature, and the problems inherent in finding and maintaining that
place in a manner consistent with human and natural goods. Authors read may include Virgil, Herrick, Hopkins, Chesterton, Hemingway, Faulkner, Dillard, Leopold, or Berry. Offered summer or winter break as needed.

3320- Sixteenth-Century Poetry and Prose
A selection of Early Renaissance writings from More through Hooker; emphasis on the high achievements of the 1580s and 1590s in the Age of Elizabeth.

3324- Seventeenth-Century Poetry and Prose
A selection of Late Renaissance writings; emphasis on Donne, Jonson and their followers in “metaphysical” and neoclassical poetry; major contributions to devotional and secular prose.

3326- Milton
Intensive study of Paradise Lost; minor works and selected prose; Milton as Puritan and Humanist.

3330- The Augustan Age
Major works of Dryden, Pope and Swift; selected plays of the Restoration and 18th century; intellectual background and aesthetic theory of the Enlightenment.

3335- Professional Writing and Editing
Provides historical and theoretical background in professional writing and editing, including editing in literary and organizational settings. Explores professional writing’s emergence as a field of scholarship and practice.

3340- English Romantic Poets
Selected works of Blake, Wordsworth, Coleridge, Byron, Keats and Shelley; historical and intellectual backgrounds; aesthetic theory.

3341- Literary Criticism
Classical and contemporary theories of literature and schools of criticism. Required of English majors and English joint majors and recommended to minors in their junior year. Oral seminar presentation required as a grade component. English majors and minors only.

3344- Victorian Poetry
Selected works of Tennyson, Arnold, Browning and some notable minor poets; historical and intellectual backgrounds; aesthetic theory.

3345- Nineteenth Century Novel
Study of the British novel from Jane Austen to Joseph Conrad. Authors may include the Brontes, Dickens, George Eliot, Hardy, and others.

4192,4292,4392,4492- Directed Reading/Independent Study in English
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

4193, 4293, 4393, 4493- Special Topics in English
Upper-division treatment of selected topics of mutual interest to the faculty member and students.
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4310- American Literature I
Selected works of the Colonial and Romantic period, with emphasis on Anne Bradstreet, Edward Taylor, Jonathan Edwards, Franklin, Emerson, Hawthorne, Thoreau, Whitman, Melville and Frederick Douglass. An exploration of the Puritan Vision (and critics of it) as well as Transcendentalism and the evolution of distinctively American literature.

4311- American Literature II
Growth of realism and naturalism. The impact of the two world wars. A detailed study of contemporary writers.

4314- Modern Poetry
Selected works of major and minor English and American poets; emphasis on Yeats, Eliot and Stevens.

4319- Shakespearean Topics
Focused study of selected aspects of Shakespeare dramatic artistry and influence; organized around special topics, genres, or themes.

4320- Modern Drama
Selected plays and major trends from Ibsen to contemporary dramatists.

4321- Arthurian Literature
Study of the literature that developed around the figure of King Arthur, from medieval to modern times.

4322- Literature by Women in English
Historical survey of texts written in English by women authors. Introduction to the feminine literary tradition and to feminist criticism.

4323- Literary Magazine
A production class, responsible for publication of the English Department’s formal literary magazine. Activities include solicitation of works, editing, page layout, graphic design and negotiation with printers. Permission of faculty member required.

4324- Modern British Novel
Study of the British novel from the beginning of the twentieth century to the present.

4325- Modern American Novel
Study of the American novel from the beginning of the twentieth century to the present.

4326- Advanced Rhetoric
Study and application of rhetoric from both historical and practical perspectives. Includes reading and discussion of major texts that address patterns of discourse, communication, and other issues of rhetoric in a classical and a modern context.

4333- Applied Linguistics (BIED 4333)
General survey and introduction to linguistic theory and practice; emphasis on the practical application of theory in the classroom. Includes contrasts with other languages.
4339- Dante
Intensive study of the poetry of Dante Alighieri, read in translation, including La Vita Nuova together with the three canticles of the Commedia: the Inferno, Purgatorio, and Paradiso.

4360- Advanced Writing (Non-Fiction)
Instruction and practice in writing for various purposes and audiences. The skill of editing and critiquing as a means of improving writing skills.

4391- Internship in English: Writing/Editing
A one-semester internship in advanced writing and editing under the supervision of the department. Prerequisite: permission of faculty member.

4399- Senior Thesis/Writing Portfolio/Internship/Practicum
A 3 credit hour course required of all English majors before graduation. The research project, writing portfolio, service learning internship or teaching practicum includes oral presentation to a jury of faculty and peers. This final writing project (a thesis-length essay for those who choose the internship or practicum) and oral presentation are designed as a part of the major’s capstone experience. Prerequisite: permission of the faculty member in chosen area.

ENVIRONMENTAL SCIENCE AND STUDIES (ENVR, ENSC, GEOL)

Department Chair: Sister Damien Marie Savino, FSE, savinod@stthom.edu
Website:www.stthom.edu/environmental

The mission of the Department of Environmental Science and Studies is (1) to educate students as to the moral imperative to care for the earth, especially as advanced by Pope John Paul II and Pope Benedict XVI; and (2) to prepare students for graduate studies or entry-level positions in the environmental field and natural resource management. A corollary mission is to enhance the environmental awareness of individuals in the University and the community through education, service and outreach.

Through the curriculum and its activities, the department seeks to address the most pressing contemporary environmental issues in light of science, policy, and ethics, and to instill in our students a stewardship ethic – one that includes a sense of awe in the face of the mystery and complexity of creation, a respect for life, an understanding of the proper role of humans in creation, and an obligation to future generations.

For the things of the earth and the concerns of faith derive from the same God. A vital interaction of two distinct levels of coming to know the one truth leads to a greater love for truth itself, and contributes to a more comprehensive understanding of the meaning of human life and of the purpose of God’s creation. (Ex Corde Ecclesiae #17)
MAJOR IN ENVIRONMENTAL SCIENCE (B.S.)
(Includes a minor in Chemistry)

Environmental Science major requirements – Environmental Science &
Studies/Geology/Chemistry/Biology/Physics/Mathematics/Theology/English/Catholic Studies: 78 credit hours

Courses in Integral Environmentalism (12 credit hours):
ENVR 2346 Authentic Development and Sustainability
ENVR/ ENGL 3319 Nature and Environment in Literature
THEO 3322 Theology of Creation
CS 3320 Catholicism and the Natural and Social Sciences

Environmental Science/Geology: 4 credit hours
One course and corresponding lab from the following:
ENSC 1344/1144 Science of the Earth Environment
GEOL 1341/1141 Physical Geology

Environmental Science/Environmental Studies (10 credit hours)
ENVR 4353 Environmental Policy & Law
ENSC 3300 Field Studies in Ecology and Environmental Science
ENSC 4191 Internship in Environmental Science
ENSC 4398 Capstone Seminar in Environmental Science & Studies

Choose two methods courses from the following (6 credit hours):
ENSC 3351 Urban Environmental Investigations
ENVR 3355 Introduction to GIS
ENVR 4356 Advanced Topics in GIS

Chemistry: 24 credit hours
CHEM 1341/1141 General Chemistry I and laboratory
CHEM 1342/1142 General Chemistry II and laboratory
CHEM 2343/2143 Organic Chemistry I and laboratory
CHEM 2344/2144 Organic Chemistry II and laboratory
CHEM 3343/3143 Quantitative Analysis and laboratory
CHEM 4354/4154 Environmental Chemistry and laboratory

Biology (14 credit hours):
BIOL 1351/1151 Intro to Population Biology and Evolution/ Intro to Biology Practicum
BIOL 1352/1152 Intro to Cell and Molecular Biology/Basic Lab Techniques in Biology
BIOL 3321 Genetics
BIOL 3331 Ecology

Mathematics: 4 credit hours
MATH 1431 – Calculus I
*MATH 1432 – Calculus II (recommended)

Physics: 4 credit hours
PHYS 2331/2111 University Physics I and lab
*PHYS 2332/2112 University Physics II and lab (recommended)
Other Environmental Science/Studies Major Requirements:
All students must complete 40 hours of environmental service

MAJOR IN ENVIRONMENTAL STUDIES (B.A.)
ENVIRONMENTAL STUDIES BA – NATURAL RESOURCES TRACK

Environmental Studies major requirements – Environmental Science & Studies/Geology/ Mathematics/Theology/English/Catholic Studies/Geography/Political Science: 48 credit hours

Courses in integral environmentalism (12 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVR</td>
<td>2346 Authentic Development and Sustainability</td>
</tr>
<tr>
<td>ENVR/ENGL</td>
<td>3319 Nature and Environment in Literature</td>
</tr>
<tr>
<td>THEO</td>
<td>3322 Theology of Creation</td>
</tr>
<tr>
<td>CS</td>
<td>3320 Catholicism and the Natural and Social Sciences</td>
</tr>
</tbody>
</table>

Environmental Science/Environmental Studies (14 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ENSC</td>
<td>1343/1143 Science of the Human Environment &amp; Lab</td>
</tr>
<tr>
<td>ENVR</td>
<td>4353 Environmental Policy and Law</td>
</tr>
<tr>
<td>ENSC</td>
<td>3300 Field Studies in Ecology and Environmental Science</td>
</tr>
<tr>
<td>ENSC</td>
<td>4191 Internship in Environmental Science</td>
</tr>
<tr>
<td>ENSC</td>
<td>4398 Capstone Seminar in Environmental Science &amp; Studies</td>
</tr>
</tbody>
</table>

Environmental Science/Geology (4 credit hours):

Choose one course and corresponding lab from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSC</td>
<td>1344/1144 Science of the Earth Environment &amp; Lab</td>
</tr>
<tr>
<td>GEOL</td>
<td>1341/1141 Physical Geology &amp; lab</td>
</tr>
</tbody>
</table>

Environmental Science/Environmental Studies (6 credit hours):

Choose 2 methods courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSC</td>
<td>3351 Urban Environmental Investigations</td>
</tr>
<tr>
<td>ENVR</td>
<td>3355 Introduction to GIS</td>
</tr>
<tr>
<td>ENVR</td>
<td>4356 Advanced Topics in GIS</td>
</tr>
</tbody>
</table>

Natural Resources (9 credit hours):

Choose 3 courses from the following – at least one of which must be GEOL or ENSC:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSC</td>
<td>3330 Energy for the Future</td>
</tr>
<tr>
<td>GEOL</td>
<td>3351 Oceanic and Atmospheric Science</td>
</tr>
<tr>
<td>POSC</td>
<td>3371 Introduction to Public Administration. (Prerequisites POSC 2331 &amp; 2332)</td>
</tr>
<tr>
<td>GEOG</td>
<td>4330 Geography of Natural Resources</td>
</tr>
</tbody>
</table>

Mathematics: 3 credit hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH</td>
<td>3332 Elementary Statistical Methods for Economics and Business</td>
</tr>
</tbody>
</table>

Other Environmental Science/Studies Major Requirements:
All students must complete 40 hours of environmental service.
Environmental Studies major requirements – Environmental Science & Studies/Geology/ Mathematics/Theology/English/Catholic Studies/Geography/Political Science: 48 credit hours

Courses in integral environmentalism (12 credit hours):
- ENVR 2346 Authentic Development and Sustainability
- ENVR/ENGL 3319 Nature and Environment in Literature
- THEO 3322 Theology of Creation
- CS 3320 Catholicism and the Natural and Social Sciences

Environmental Science/Environmental Studies: 14 credit hours
- ENSC 1343/1143 Science of the Human Environment & Lab
- ENVR 4353 Environmental Policy and Law
- ENSC 3300 Field Studies in Ecology and Environmental Science
- ENSC 4191 Internship in Environmental Science
- ENSC 4398 Capstone Seminar in Environmental Science & Studies

Environmental Science/Geology: 4 credit hours
Choose one course and corresponding lab from the following:
- ENSC 1344/1144 Science of the Earth Environment & lab
- GEOL 1341/1141 Physical Geology & lab

Environmental Science/Environmental Studies: 6 credit hours
Choose 2 methods courses from the following:
- ENSC 3351 Urban Environmental Investigations
- ENVR 3355 Introduction to GIS
- ENVR 4356 Advanced Topics in GIS

Urban environment: 9 credit hours
Choose 3 courses from the following – at least one of which must be ENVR or ENSC:
- ENVR 3348 Urban Planning
- ENSC 3330 Energy for the Future
- POSC 3332 Urban Government & Politics
  (Prerequisites: POSC 2331 & 2332)
- POSC 3371 Introduction to Public Administration
  (Prerequisites: POSC 2331 & 2332)
- POSC 3360 Intro to Justice and Peace Studies
  (Prerequisites: POSC 2331 & 2332)
- GEOG 3333 Urban Geography
- THEO 4334 Social Justice and the Church

Mathematics: 3 credit hours
MATH 3332 Elementary Statistical Methods for Economics and Business

Other Environmental Science/Studies Major Requirements:
All students must complete 40 hours of environmental service.
JOINT MAJORS WITH ENVIRONMENTAL STUDIES

The Department also offers joint majors with Catholic Studies, Communication, Political Science, and Psychology. For details, see
http://www.stthom.edu/Degrees_Programs_Courses/Undergraduate_Degrees/Environmental_Studies/Degree_Plan/Environmental_Studies_BA.aqf

MINOR IN ENVIRONMENTAL STUDIES

Environmental Studies minor requirements – Environmental Science & Studies/Geology: 20 credit hours

Required for minor in Environmental Studies (10 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSC 1343/1143</td>
<td>Science of the Human Environment &amp; laboratory</td>
</tr>
<tr>
<td>ENVR 3351</td>
<td>Urban Environmental Investigations</td>
</tr>
<tr>
<td>ENVR 4353</td>
<td>Environmental Policy and Law</td>
</tr>
</tbody>
</table>

Choose one course from the following (4 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSC 1344/1144</td>
<td>Science of the Earth Environment &amp; laboratory</td>
</tr>
<tr>
<td>GEOL 1341/1141</td>
<td>Physical Geology &amp; laboratory</td>
</tr>
</tbody>
</table>

Elective Courses (6 credit hours):

- Choose any upper-level ENVR, ENSC, or GEOL courses
- OR 3 credit hours of the 6 may be from other environmentally-related upper-level courses (including but not limited to certain offerings in BIOL, CHEM, or GEOG), by permission of department chair.

COURSES (Also see GEOL offerings)

Evening Offerings in Environmental Science and Studies: Selected courses are offered in the evening in the fall, spring and summer.

Environmental Science (ENSC)

1343- Science of the Human Environment
Study of the interaction between human and natural systems from a scientific perspective. Particular emphasis is on the structure and function of natural systems and on pollution and other human impacts on air, water and other natural resources. Prerequisite or co-requisite: ENSC 1143.

1143- Laboratory Investigations: Human Environment
Laboratory investigations into the environment and man’s interaction with that environment. Focus on ecology, atmosphere and air/water pollution. Accompanies ENSC 1343. Prerequisite or co-requisite: ENSC 1343.

1344- Science of the Earth Environment
Study of the interaction between human and natural systems in the Earth environment. Particular concentration or focus on geology, environmental hazards, flooding and groundwater quality. Prerequisite or co-requisite: ENSC 1344.1144.
1144- Laboratory Investigations: Earth Environment
Laboratory investigations into the environment and man’s interaction with that environment. Focus on geology, environmental hazards, flooding and groundwater quality. Accompanies ENSC 1344. Prerequisite or co-requisite: ENSC 1344.

3300- Field Studies in Ecology and Environmental Science
Field course in ecology and environmental science. Survey of physical and biological processes and their interactions in different natural settings. Introduction to field techniques and methodologies, ecosystem dynamics, and issues in natural resource management and conservation in selected locations in the United States and abroad. Much of the course time will be spent outdoors.

3330 – Energy for the Future
This course will deal with issues related to the local and global energy supply, the chemistry and geology of energy resources (both conventional and alternative), and the environmental impacts of various energy technologies. Conventional and alternative energy sources will be critically evaluated based upon principles of sustainability, and problems and projections related to the current energy picture will be discussed. Prerequisites: ENSC 1344/1144 or permission of the department chair.

3351- Urban Environmental Investigations
Application of basic field techniques to sampling in the environment, with emphasis on the constructed environment of urban areas. Topics include sampling and analysis of the air, water and soils as well as wetland studies. Students prepare environmental study proposals for selected areas in Houston and Texas and participate in two weekend field trips, one of which is overnight. Prerequisite: permission of faculty member.

4191 – Internship in Environmental Science
Work experience in environmental research for a business, government or not-for-profit agency in the environmental field. To be arranged by the student with the approval of the chair and advisor. Required for the degree. Prerequisite or co-requisite: ENSC 1343/1143, 1344/1144 or equivalent, or permission of the faculty member. May repeat for credit. No more than three hours of internship credit will be counted toward graduation.

4192, 4292, 4392, 4492 – Directed Readings/Independent Study
Student research on a selected problem in the field, pursued under the guidance of an assigned member of the faculty member. May repeat for credit.

4193, 4293, 4393, 4493 – Special Topics in Environmental Science
Upper-division treatment of selected topics of mutual interest to the professor and students. May repeat for credit. Prerequisite: permission of faculty member.

4354- Environmental Chemistry (cross-listed as CHEM 4354)
Fundamental laws and concepts of chemistry as they relate to the interaction of chemicals with the natural environment. Co-requisites: CHEM 4154. Prerequisites: CHEM 1341, 1141, 1342,1142, 3343,3143.
4154- Environmental Chemistry Laboratory (cross-listed as CHEM 4154)
Experiments illustrate the fundamental principles and techniques necessary for the proper use of analytical instruments. Topics included: the fundamental techniques of separation, several types of spectrophotometry and electrochemical methods.
Corequisites: CHEM 4354. Prerequisites: CHEM 3143, 3343.

4398- Capstone Seminar in Environmental Science and Studies
An integrative seminar-based course addressing key global environmental issues as they relate to the natural and social sciences and the Catholic intellectual tradition. Includes a research project or practicum on an approved subject or setting and an oral presentation to a jury of faculty and peers.

Environmental Studies (ENVR)

2346 – Authentic Development and Sustainability
An interdisciplinary introduction to sustainable development, green design, local and global sustainability issues, and the social teachings of the church regarding authentic development and the common good. Creative approaches to development that benefit human and ecological communities are considered.
Prerequisites: ENSC 1343, 1143 recommended.

3319- Nature and the Environment in Literature
This course combines field experience of living in a relatively undeveloped natural setting with reading literary works that center on the natural world, the place of man in nature, and the problems inherent in finding and maintaining that place in a manner consistent with human and natural goods. Authors read may include Virgil, Herrick, Hopkins, Chesterton, Hemingway, Faulkner, Dillard, Leopold, or Berry.

3348- Urban Planning
Introduction to theory, concepts and practical applications of environmental planning. Includes a survey of planning tools such as zoning, comprehensive plans, assessments and growth management. Specific focus will be on legislation and government programs pertaining to planning and on environmental impact assessment and statements required under the National Environmental Policy Act.
Prerequisites: ENSC 1343/1143, 1344/1144 or permission of faculty member.

3355- Introduction to GIS
Introduction to the fundamental concepts in Geographic Information Systems and the use of GIS in professional practice. Introduction to ArcView, a popular GIS package. Students will prepare a portfolio of their work and a course project.
Prerequisites: ENSC 1344, 1144 or permission of faculty member.

4191- Internship in Environmental Studies
Work experience in environmental research for a business, government or not-for-profit agency in the environmental field. To be arranged by the student with the approval of the chair and advisor. Required for the degree.
Prerequisite or co-requisite: ENSC 1343/1143, 1344/1144 or equivalent, or permission of the faculty member. May repeat for credit. No more than three hours of internship credit will be counted toward graduation.
4192, 4292, 4392, 4492- Directed Readings/Independent Study
Student research on a selected problem in the field pursued under the guidance of an assigned faculty member. May repeat for credit.

4193, 4293, 4393, 4493- Special Topics in Environmental Science
Upper-division treatment of selected topics of mutual interest to the faculty member and students. May repeat for credit. Prerequisite: permission of faculty member.

4353- Environmental Policy and Law
A study of the relationship of environmental policy and management practice, especially as it is related to practices that directly impact the quality of the environment. The application of law and the social teachings of the Church to the protection of the environment. Prerequisites: ENSC 1343/1143 & 1344/1144, junior or senior standing, or permission of the chair.

4356 – Advanced Topics in GIS
Advanced treatment of GIS, including the use of 3D Analyst and Spatial Analyst to solve environmental problems. Students will take a series of courses taught through the Internet and will complete a final project at the University. Prerequisites: ENVR 3355.

4398- Capstone Seminar in Environmental Science and Studies
An integrative seminar-based course addressing key global environmental issues as they relate to the natural and social sciences and the Catholic intellectual tradition. Includes a research project or practicum on an approved subject or setting and an oral presentation to a jury of faculty and peers.

FRENCH

Modern and Classical Languages Department

Program Chair: Rev. Edward J. (Ted) Baenziger, ejb@stthom.edu

French language studies offer a complete program of literature, culture and application of language skills to prepare students for many career paths, with major, minor and joint major tracts. The major track prepares the student for further studies as well as for teaching and other career choices. We offer a joint major combining French with Spanish (Romance Languages), as well as Romance Languages with International Studies; and, in cooperation with the School of Education, we offer courses leading to primary and secondary teaching certification in French.

Graduating majors demonstrate an advanced level of proficiency in their listening, speaking, reading and writing skills. Culture includes France and the francophone countries of the world. We recommend study abroad and/or courses in French speaking universities to complete the major’s competence. The program collaborates with universities and institutions in French-speaking countries. We also advise study in history, art history, and another foreign language.

MAJOR IN FRENCH

A major in French consists of 30 credit hours in an approved program, including at least 24 credit hours at the 3000 and 4000 level. No grade lower than a “C” will count
toward a major. In the last semester of their course work, graduating majors are required to prepare an exit portfolio and to make oral presentations in French before the French Program faculty and interested students.

**French major requirements: 30 credit hours**

**Prerequisites courses for the French major:**
The following classes must be completed before beginning a French major, unless testing indicates placement beyond these prerequisite courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 1331</td>
<td>Elementary French I</td>
</tr>
<tr>
<td>SPAN 1332</td>
<td>Elementary French II</td>
</tr>
<tr>
<td>SPAN 2331</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>SPAN 2332</td>
<td>Intermediate French II</td>
</tr>
</tbody>
</table>

**Required for all French majors (18 credit hours):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 3324</td>
<td>Phonetics</td>
</tr>
<tr>
<td>FREN 3334</td>
<td>Oral Communication I</td>
</tr>
<tr>
<td>FREN 3337</td>
<td>Advanced Grammar and Guided Composition</td>
</tr>
<tr>
<td>FREN 4333</td>
<td>Survey of French Literature I</td>
</tr>
<tr>
<td>FREN 4334</td>
<td>Survey of French Literature II</td>
</tr>
<tr>
<td>FREN 4371</td>
<td>French Culture</td>
</tr>
</tbody>
</table>

**French electives: 6-12 credit hours from the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 3331</td>
<td>Business French</td>
</tr>
<tr>
<td>FREN 3338</td>
<td>Introduction to Research &amp; Literary Analysis</td>
</tr>
<tr>
<td>FREN 3340</td>
<td>Translation</td>
</tr>
<tr>
<td>FREN 4331</td>
<td>Survey of Francophone Literature</td>
</tr>
<tr>
<td>FREN 4338</td>
<td>Historical Linguistics</td>
</tr>
<tr>
<td>FREN 4391</td>
<td>Internship in French</td>
</tr>
<tr>
<td>FREN 4392</td>
<td>Directed Reading/Independent Study in French.</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: permission of program chair.</td>
</tr>
<tr>
<td>FREN 4393</td>
<td>Special Topics in French</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: permission of program chair.</td>
</tr>
</tbody>
</table>

A maximum of 6 credit hours of prerequisite coursework may apply to the elective category in the French major.

Supporting study in humanities and arts, art history, European history, and linguistics is strongly recommended.

**MINOR IN FRENCH**

The minor consists of 18 credit hours, of which no more than 6 may be lower-division; the last 9 must be taken at the University of St. Thomas.

**French minor requirements: 18 credit hours**

**Required for French minors (9 credit hours):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>FREN 3335</td>
<td>Oral Communications II</td>
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<tr>
<td>FREN 3337</td>
<td>Advanced Grammar and Guided Composition</td>
</tr>
<tr>
<td>FREN 4371</td>
<td>French Culture</td>
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</tbody>
</table>
Choose 9 additional credit hours of French courses. At least 3 credit hours in this category must be 3000/4000 level.

No grade lower than a “C” will count toward a French minor.

**JOINT MAJORS**

Joint majors combining French and Spanish (Romance Languages); Romance Languages and International Studies majors are available.

**COURSES**

Lower-division courses are closed to native speakers.

**1331, 1332- Elementary French**

The study of the structural patterns of French expression by concentrating on the development of speaking and understanding, with emphasis on correct pronunciation, ear training and oral practice. Laboratory work is mandatory and will form an integral part of the course.

**2331- Intermediate French I**

A continuation of the development of basic language skills. The course is a review of grammar as well as an introduction to culture, civilization and literature.

**2332- Intermediate French II**

A combination of conversation and composition.

**3331- Business French**

Provides the directed student with the specific vocabulary, structure, and cultural insight to deal effectively with the growing French speaking component of U.S. or international commerce.

**3334- Oral Communication I**

A conversation course designed to develop fluency in speaking French. For non-native speakers.

**3335- Oral Communication II**

An advanced conversation course designed to develop fluency in speaking French. For non-native speakers.

**3337- Advanced Grammar & Guided Composition**

An advanced composition course designed to refine writing skills. Some creative writing is expected. Open to native speakers.

**3338- Introduction to Research and Literary Analysis**

Written and oral analysis of various French texts. The student will also receive guidance in doing research, preparing bibliographies and producing original papers.

**3340- Translation**

Provides the student with the specific vocabulary, structure and cultural insight in order to effectively interpret the message intended in translating French/English or English/French. While incorporating the necessary grammar and vocabulary, the course emphasizes the translation of the underlying message and its implications based upon cultural context. **Prerequisite:** FREN 3337.
4333- Survey of French Literature I
The main works of French literature from the medieval period to the middle of the 19th century.

4334- Survey of French Literature II
The main works of French Literature from the middle of the 19th century to the present.

4338- Historical Linguistics
A study of the historical background of modern French and the main features and trends of phonetic, morphological and syntactical developments that have made the language what it is today.

4371- French Culture
France, its physical and human aspects; its political, economic, religious and cultural life.

4191, 4291, 4391- Internship in French
A one-semester stay in a local French organization.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in French
Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. Prerequisite: permission of program chair.

4193, 4293, 4393, 4493- Special Topics in French
Upper-division treatment of selected topics of mutual interest to the faculty member and students. Prerequisite: permission of program chair.

GENERAL STUDIES
Coordinator: Sara Laidlaw, laidlas@stthom.edu

The general studies major gives students the opportunity to develop a different range of courses than allowed by a single, double or joint major program. It serves especially those students who wish to incorporate professional courses in the School of Business or the School of Education with the broader University curriculum. With the help of academic advisors, students in this major may design the interdisciplinary curriculum that best fits their individual plans. This program also offers the flexibility sometimes needed by transfer students seeking to complete a degree.

General Studies major requirements: 30 credit hours

Students enrolled in the general studies major must complete the following:
1. All core curriculum and general degree requirements of the University;
2. At least 30 credit hours in two disciplines distributed as follows:
   a. at least 15 upper-division credit hours (plus all department prerequisites) in a primary discipline of concentration;
   b. at least 9 upper-division credit hours (plus all departmental prerequisites) in a secondary discipline;
   c. Six additional credit hours, in either or both concentrations, may be completed at the lower or the upper-division level.
The credit hours for the major may be brought in as transfer hours or completed at the University of St. Thomas.

The coordinator will serve as the student’s advisor or assign the student an academic advisor, typically in the primary discipline.

**GEOGRAPHY (GEOG)**

Contact: Linda M. Pett-Conklin, lmpc@stthom.edu

Geography courses offer all students the opportunity to explore relationships between local physical and cultural environments as well as those elsewhere in the world. Courses are required for majors in education, history and international studies.

*Evening and Saturday Offerings in Geography: Geography 2332 is offered in the spring in the evening.*

**COURSES**

2332- World Regional Geography  
A description and analysis of the different culture areas of the world. Human use of the physical environment in shaping cultural heritage.

3333- Urban Geography  
The historical development of the urban environment on a global basis. Special attention focuses on the internal spatial structure of cities, their functions and problems.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Geography  
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Permission to enroll required: Instructor

4193, 4293, 4393, 4493- Special Topics in Geography  
Upper-division treatment of selected topics of mutual interest to the faculty member and students. Permission to enroll required: Instructor

4330- Geography of Natural Resources  
A spatial analysis of the earth’s natural resources, including mineral and energy resources as well as forests, fisheries and agricultural lands. Special attention focuses on political, economic and environmental aspects of the exploitation and use of resources.

**GEOLOGY (GEOL)**

**ENVIRONMENTAL SCIENCE AND STUDIES (ESS) DEPARTMENT**

Geology courses are offered through the Environmental Science and Studies Department. Lower-division courses may be taken for credit to fulfill the University’s core curriculum science requirements or as electives. Students must take the laboratory concurrent with the course.

*Evening Offerings in Geology: Selected courses are offered in the evening in the fall, spring and summer.*
COURSES

1341- Physical Geology
Study of the principles of the science of geology, emphasizing the physical processes that constantly change the earth’s surface. The main themes are rock cycle, plate tectonics and the effects of erosion. Co-requisite: GEOL 1141.

1141- Physical Geology Laboratory

1342- Historical Geology
The study of the principles of interpretation as they are used to understand the earth’s history with special reference to the North American continent. Students are advised, but not required, to take GEOL 1341 as a prerequisite to this course. Co-requisite: GEOL 1142.

1142- Historical Geology Laboratory
The study of interpretation techniques, geologic maps and fossils Co-requisite: GEOL 1342.

3351- Oceanic and Atmospheric Science
A study of the principles of the sciences of oceanography and meteorology with emphasis on the interaction of the oceans and atmosphere. Prerequisites: GEOL 1341, 1141 or ENSC 1344, 1144, or permission of the Chair.

4361 – Field Instruction A
Field instruction in geological concepts. Travel to and camping at sites of geological interest throughout the United States. Fee required for travel, food and lodging. Co-requisite: Geology 1341, 1141 or permission of faculty member.

4192, 4292, 4392, 4492 – Directed Reading/Independent Study in Geology
Student research on a selected problem in the field pursued under the guidance of an assigned faculty member. May repeat for credit.

4193, 4293, 4393, 4493 – Special Topics in Geology
Upper-division treatment of selected topics of mutual interest to the professor and students. May repeat for credit. Prerequisite: permission of faculty member.

GERMAN (GERM)

MODERN AND CLASSICAL LANGUAGES DEPARTMENT

Contact: Elizabeth Coscio, coscioe@stthom.edu

COURSES

1331, 1332- Elementary German
A study of the fundamentals of the language, vocabulary, sentence structure, oral practice and reading comprehension; first contact with the German culture. Laboratory work is mandatory and will form an integral part of the course.
The following courses may be offered depending on student interest.

**2331- Intermediate German I**
Review of grammar and sentence structure with emphasis on composition. Readings from modern German prose and poetry for content and insight into the German culture.

**2332- Intermediate German II**
Continuation of 2331. Includes some readings in each student’s major field as a special individual project.

**4192, 4292, 4392, 4492- Directed Reading/Independent Study in German**
Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. *Prerequisite: permission of MACL Chair.*

**4193, 4293, 4393, 4493- Special Topics in German**
Upper-division treatment of selected topics of mutual interest to the faculty member and students. *Prerequisite: permission of MACL Chair.*

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**HISTORY (HIST)**

**Department Chair:** Irving A. Kelter, kelter@stthom.edu

The major in history provides a knowledge of past civilizations and cultures that enriches the study of the liberal arts, ensures an awareness of the role of Christianity in the ancient and modern world and develops the historian’s skills of research and writing.

History majors will demonstrate a basic knowledge of world, European and American history during the course of their studies. They will also demonstrate mastery of research and writing skills in a capstone project, a senior paper that will be evaluated by the department faculty. Students with the B.A. degree in history will be able to use their knowledge, research and writing skills in careers related to history, such as teaching, law, journalism, librarianship, archival work, museum studies, etc. The best students will be well prepared for graduate school and the pursuit of advanced degrees.

The Lamb Scholarship, a grant established in honor of Rev. R. E. Lamb, CSB, late Professor Emeritus in History, is awarded each spring to an outstanding history major at the end of the sophomore year. This award is to be applied to school-related expenses. There are also the Joseph and Norma McFadden, Rowan and Mae Cardwell, and Crow Family Scholarships for history majors who have completed at least 24 credit hours. All of the above scholarships are awarded by the History Department.

**MAJOR IN HISTORY**

All history majors will complete the following course requirements or, in the case of transfer students, a program approved by the department chair:
History major requirements – History/Geography: 39 credit hours

History (18 credit hours):
HIST 1335 World Community I
HIST 1336 World Community II
HIST 2333 United States to 1877
HIST 2334 United States since 1877
HIST 4330 Historiography and Historical Method
HIST 4394 Capstone Thesis Preparation Course I
HIST 4094 Capstone Thesis Preparation Course II

Choose two courses from the following (6 credit hours):
HIST 3303 Europe: The Middle Ages
HIST 3304 Europe: The Early Modern Age
HIST 3331 Age of Revolutions: Europe 1715-1870
HIST 3332 Era of the Great Wars: Europe 1870-1950

Choose 12 additional credit hours of 3000- or 4000-level history courses, 6 credit hours of which must be at the 4000 level.

Geography (3 credit hours)
GEOG 2332 World Regional Geography

History majors are encouraged to complete the intermediate (second year) level of a foreign language and to follow the historical sequence in philosophy.

Seniors will complete a capstone project related to a term paper in the upper-division course of their choice during the last 30 credit hours of work toward the BA degree. This project may draw upon previous course work and must result in a paper of 25 to 30 pages (minimum) that demonstrates the student’s ability to organize, analyze and synthesize material from a variety of sources. The capstone paper is to be accompanied by a bibliographical essay on the relevant literature and historiography of the topic or by an annotated bibliography.

In order to graduate with a B.A. in history, students must have a minimum GPA in history courses of “C” (2.0).

MINOR IN HISTORY

All history minors will complete 18 credit hours from the following courses, or in the case of transfer students, a program approved by the department chair.

History minor requirements: 18 credit hours

Choose three courses from the following (9 credit hours):
HIST 1335 World Community I to 1750
HIST 1336 World Community II since 1750
HIST 2333 United States to 1877
HIST 2334 United States since 1877
Choose 3 additional history courses at the upper-division (3000/4000) level (9 credit hours).

**JOINT MAJOR**

The joint major, taken in combination with a major in another discipline, will fulfill the basic requirements for the major in history but will require only 9 credit hours of elective 3000- or 4000-level courses in history, for a total of 30 credit hours instead of 36. If history and the other major discipline both require a senior project/experience, usually the student will choose one. Joint majors currently exist with Catholic Studies, Philosophy, Political Science, and Theology.

History majors should take note of the minors in Irish Studies, Medieval Studies, Russian Studies and Women, Culture and Society.

**COURSES**

1335- World Community I
   Ancient, medieval and early modern.

1336- World Community II
   The far-reaching social, political, industrial and technological revolutions that have shaped the modern world.

2333- United States to 1877
   The 13 colonies, the Revolution, the creation of a new nation, the Civil War and Reconstruction.

2334- United States since 1877
   Social, political and economic changes from the Gilded Age to the era of Vietnam, Watergate and beyond.

The following courses require at least junior-level status or the permission of the faculty member:

3302- History of Common Law (POSC 3302)
   An introduction to the development of the principal English legal institutions and doctrines.

3303- Europe: The Middle Ages
   The development of European civilization in the Middle Ages; the culture of Christendom (300-1300).

3304- Europe: The Early Modern Age
   The European Renaissance, the Protestant and Catholic Reformations and the Age of the Baroque. The dividing of Europe in religion and politics (1300-1715).

3331- Age of Revolutions: Europe 1715-1870
   Enlightenment, French Revolution and Napoleon, political and cultural revolutions of Liberalism, Romanticism, Socialism and Nationalism.
3332- Era of the Great Wars: Europe 1870-1950
The two world wars, the rise of Communism and National Socialism, the search for peace.

3333- England under the Tudors and Stuarts 1485-1714
From Henry VII to Queen Anne: the Elizabethans, Civil War, Commonwealth and Restoration.

3334- England since 1714
The Georgian, Victorian and Edwardian periods; the rise of the British Empire and modern Britain.

3335- Prehistory: An Archaeological Perspective
A narrative of human history from the origins of mankind to the beginnings of literate civilization. Through the explication and application of prehistoric research (especially archaeology), the student encounters the antecedents and emergence of both preliterate and civilized societies. A nonobligatory semester dig at a local prehistoric site rounds out the instruction. Prerequisite: HIST 1335.

3336- Texas History
From the early explorers to the present day: the six flags over Texas, the struggle for independence, the Lone Star Republic, statehood and the creation of the “Texas Mystique.”

3340- Colonial Latin America
A study of ideas and attitudes, institutions and events in Latin America from the preconquest era to the wars for independence.

3343- Latin America since Independence
A topical examination of the history of one or more Latin American nations since independence, with a concentration on the persons, events and institutions that help to explain current developments in Latin America.

3350- Revolutionary America
A study of colonial origins and revolutionary results such as how Great Britain lost an empire and how Americans created the first democratic republic. This course will focus on society, politics and culture from 1607-1789.

3353- Civil War and Reconstruction in the United States, 1840-1877
A study of the contributing factors that help explain the coming of the Civil War, and the resulting failure of attempts to reconstruct the South along desired lines.

3354- United States from the Gilded Age to the Progressive Era, 1877-1920
A course that explains how the U.S. dealt with the massive transformation of society that challenged its basic values and assumptions, led to the U.S. as a world power and culminated in the reform era of the progressives.

3359- Science and Society to 1500
Development of ideas about the physical universe from the civilizations of the ancient Near East to the end of medieval European civilization. Investigation of theories concerning the acquisition of scientific knowledge and different methods of scientific proof.
164 HISTORY

3360 - Scientific Revolution, 1500-1750
Development of modern theories concerning the physical universe and the workings of the human body associated with such scientific geniuses as Copernicus, Kepler, Galileo, Newton and Harvey. Investigation of “new” ideas of scientific method and the goals of scientific inquiry associated with the figures of Descartes and Bacon.

3365 - History of Ireland since 1600
Irish History from the end of the reign of Elizabeth I to the recent Time of Troubles. Special emphasis on the influence of English history, the revolutions of the 18th century, the development of Irish nationalism, the emergence of an Irish nation under the leadership of de Valera and the unsettling issues in the Time of Troubles.

4319 - Medieval & Imperial Russia
A study of the major forces and figures that shaped Russian history through the Kievan, Mongol/Appanage, Moscovite and Imperial Russian periods to the mid-19th century.

4320 - Russia since Alexander II
Intellectual and political thought and Russian historical development from Alexander II through the collapse of the Soviet Union.

4322 - Reform and Reformation 1400-1600
The transition from late medieval thought to the Protestant and Catholic Reformations with special emphasis on the contributions of Erasmus, Luther and Cajetan.

4325 - Ancient Britain
The Roman occupation, the Saxons, the Danes, and the Norman Conquest.

4326 - Victorian Britain
Manners and mores, ideas and events during the sixty three-year reign of Queen Victoria, when Britain was the world’s leading power. On demand.

4328 - Family in America
Love, marriage, children, old age and death from the colonial period to the present.

4330 - Historiography and Historical Method
Historical writing in the Western tradition from antiquity into the modern era. Included are works of historians such as Herodotus, Thucydides, Tacitus, Eusebius, Froissart, Machiavelli, Voltaire, Gibbon, Ranke, Toynbee, Turner, Beard, Hofstadter and Bailyn. Students will examine the nature of historical development and causation, the reasons for writing and studying history, the nature of historical evidence, “objectivity” in history, and the emergence of quantitative, oral, social and women’s history.

4337 - Magic and Witchcraft to 1700
A study of the occult (astrology, divination, magical healing, necromancy, witchcraft) and its place in the development of Western civilization from late antiquity through the “witch craze” of early modern times. The practice of the occult arts will be related to the political, social and religious history of Europe.
4338 - Europe and the Age of Discovery
A study of the great age of discovery and expansion in European history, 1400-1700. The establishment of European empires (English, French, Spanish, Portuguese, Dutch) in the “new worlds” of Asia, Africa and the Americas.

4344 - Great Presidents of the United States
A course that focuses on the Presidency and the men recognized by most historians as the most successful and effective leaders. The class will review five such leaders and look for commonalities that help explain why they were successful. Students will also identify one President not previously studied in the class and decide whether he should be included.

4353 - Environmental Thought in America
A history of the attitudes the U.S. as a nation has had toward the environment and the historic forces that helped shape these attitudes.

4191, 4291, 4391 - Internship in History
Practical experience in historical research and archival work under the direction of professionals. Maximum: 3 credit hours. Open only to majors who qualify for the program.

4192, 4292, 4392, 4492 - Directed Reading/Independent Study in History
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

4193, 4293, 4393, 4493 - Special Topics in History
Upper-division treatment of selected topics of mutual interest to faculty and students.

4394 - Capstone Thesis Preparation Course I
This course is the first part of the year long capstone thesis experience in history and is taken in the fall semester of the students’ senior year. This course provides preparation for the students to research, write and present a capstone thesis in history. The students will be guided in the initial steps of the topic selection and research. A substantial rough draft of the thesis will be completed by the end of the semester.

4094 - Capstone Thesis Preparation Course II
This non-credit course is a continuation of the year long capstone thesis experience in history and is taken in the spring semester of the students’ senior year. The students will complete their Capstone Thesis under the direction of a mentor and second reader. The successful completion of a Capstone Thesis and the presentation of the research at UST research day are requirements for graduation.
INTERNATIONAL STUDIES

International Studies is an interdisciplinary approach to identifying and understanding ways in which the human family is interconnected and to exploring implications of those connections. Rooted in the liberal arts curriculum, this major systematically combines courses from several fields with others taught by a faculty versed in different disciplines. Course work, research, internships, and study abroad programs are directed to two major goals. First, students are prepared for post-graduate employment, or should they choose, post-graduate studies in law, business, or the social sciences. Secondly, students will develop an in-depth understanding of and respect for the variety of cultural, political, economic, philosophical, and social conditions within the human family. Academic studies of commercial, political, and social factors challenge students to analyze the intersection of global economic and technological change with varied heritages of history, tradition, and institutionalized response. Examination of these encounters leads to a well-developed awareness of serious contemporary problems which affect human dignity, justice, economic development, governance, peace, security, dispute resolution, and resource allocation. The program requires a high degree of language acquisition, emphasizes superior ability in written expression, and promotes critical analysis and independent inquiry through research.

The broad, extensive knowledge of international affairs provided by this major is sound preparation for private endeavor in the professional and business worlds, for public service, for careers in teaching and research or writing, for personal or organizational vocations to human or societal improvement, or for life as an informed and active citizen in an increasingly integrated world. While imparting knowledge and skills fundamental to the field, the major allows the individual student to combine assorted courses into a program of study adapted to selected personal interests and career objectives.

CENTER FOR INTERNATIONAL STUDIES

The Center for International Studies houses the International Studies, International Development, Geography, and Social Entrepreneurship programs, manages University Study Abroad programs and is the University’s principal vehicle for communication and cooperation with internationally related community organizations. The Center, in cooperation with other academic or public affairs organizations, sponsors conferences, symposia, seminars, and programs on scholarly or current issues in the international field. These are open to the public as well as to the entire University community.

In response to the U.S. Catholic Bishops’ letter on “Catholic Education and the Church’s Pastoral Mission,” brings an international point of view to the University campus. The Center’s various activities and programs are together directed to fostering actively a “closer union of the peoples of the world” which bishops noted is becoming ever more possible through the development and spread of “modern means of transportation and communication.”
MAJOR IN INTERNATIONAL STUDIES

International Studies major requirements – International Studies/History/Geography/Foreign Language/Mathematics: 57-58 credit hours

Foreign Language (6-12 credit hours)
  Two – four sequential courses in French, German, Greek, Latin, Spanish, Mandarin Chinese, Arabic, Irish, Italian or other available language

Geography (3 credit hours):
GEOG 2332 World Regional Geography

Geography: Choose one course from the following (3 credit hours):
GEOG 4330 Geography of Natural Resources
GEOG 3333 Urban Geography

History (6 credit hours):
HIST 1335 World Community I to 1750
HIST 1336 World Community II since 1750

Mathematics (3-4 credit hours):
MATH 2434 Applied Statistical Concepts
MATH 3332 Elementary Statistical Methods for Economics and Business

International Studies (33 credit hours):
INST 1351 Introduction to International Studies
INST 2352 Research Methods in International Studies
INST 3351 Comparative Political Systems
INST 3352 International Politics
INST 3354 International Political Economy
INST 3355 Intercultural Issues
INST 3366 The American Foreign Policy Process
INST 3366 The American Foreign Policy Process
INST ____ International Studies Elective
INST ____ International Studies Elective
INST 4398 Senior Thesis in International Studies Part I (fall only)
INST 4399 Senior Thesis in International Studies Part II (spring only)

Choose one course from the following (3 credit hours):
INST 3357 Regional Study of Europe
INST 3359 Regional Study of Latin America
INST 3360 Regional Study of East Asia
INST 3363 Regional Study of North Africa and the Middle East

International Studies majors are strongly encouraged to select a minor for their undergraduate degree. Suggested minors include General Business, Communications, Economics, Environmental Studies, Foreign Languages, History, and Political Science.
Other Requirements:

**Language Training:** The ability to communicate in foreign communities is fundamental to effective international work. Each student majoring in International Studies must demonstrate a foreign language capability up to the 3000 level. Achieving this facility requires a minimum of 6 credit hours or as many as 12 credit hours of language classes.

**Practical International Experience:** Being immersed in an international environment is one of the most effective means for gaining an international perspective. Therefore, each student majoring in International Studies will complete one of the following practical international experiences:

1. **Study Abroad.** Depending on the courses taken, credit hours will apply to the University core, international studies requirements or electives.
2. **Internship in international business.** May substitute for one of the requirements within the international studies core.
3. **Structured experience abroad without academic credit.** Requires prior approval by the director of the Center for International Studies.

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**MINOR IN INTERNATIONAL STUDIES**

In the modern interconnected world, students majoring in other fields can benefit from gaining an international perspective through the international studies program. An academic minor in international studies is available to these students. It requires completion of the following:

**International Studies minor requirements: 18 credit hours**

**International Studies (9 credit hours):**

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<th>Code</th>
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<tbody>
<tr>
<td>INST</td>
<td>1351 Introduction to International Studies</td>
</tr>
<tr>
<td>INST</td>
<td>3352 International Politics</td>
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<tr>
<td>INST</td>
<td>3355 Intercultural Issues</td>
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**One course from the following (3 credit hours):**

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<tbody>
<tr>
<td>INST</td>
<td>3357 Regional Study of Europe</td>
</tr>
<tr>
<td>INST</td>
<td>3359 Regional Study of Latin America</td>
</tr>
<tr>
<td>INST</td>
<td>3360 Regional Study of East Asia</td>
</tr>
<tr>
<td>INST</td>
<td>3363 Regional Study of North Africa and the Middle East</td>
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</tbody>
</table>

**Choose two additional courses from international studies and geography (6 credit hours).**

With the approval of the director of the Center for International Studies, a Directed Readings/Independent Study, Special Topics course or other appropriate course may be substituted for one of the above requirements.

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**JOINT MAJORS**

Joint majors are available that integrate International Studies requirements with those of Catholic Studies, Communication, Political Science, Romance Languages and Spanish. Please see your academic advisor or the director of the Center for International Studies for more information on these joint major programs.
MAJOR IN INTERNATIONAL DEVELOPMENT

International Development major requirements – International Studies/History/Geography /Foreign Language/ Mathematics/Accounting/Economics/Finance: 72 credit hours

Foreign Language (6 credit)
  Two – four sequential courses in French, German, Greek, Latin, Spanish, Mandarin Chinese, Arabic, Irish, Italian or other available language.

History (6 credit hours):
HIST 1335 World Community I to 1750
HIST 1336 World Community II since 1750

Mathematics (3 credit hours):
MATH 3332 Elementary Statistical Methods for Economics and Business

Geography (3 credit hours):
GEOG 2332 World Regional Geography

International Studies Courses (30 credit hours):
INST 1351 Introduction to International Studies
INST 2352 Research Methods in International Studies
INST 3351 Comparative Political Systems
INST 3352 International Politics
INST 3354 International Political Economy
INST 3355 Intercultural Issues
INST 3366 The American Foreign Policy Process
INST/GEOG International Studies or Geography elective
INST 4398 Senior Thesis in International Studies Part I (fall only)
INST 4399 Senior Thesis in International Studies Part II (spring only)

Choose one course from the following (3 credit hours):
INST 3357 Regional Study of Europe
INST 3359 Regional Study of Latin America
INST 3360 Regional Study of East Asia
INST 3363 Regional Study of North Africa and the Middle East

International Development additional courses required (21 credit hours):
ACCT 1341 Principles of Accounting I
ECON 1331 Principles of Macroeconomics
ECON 1332 Principles of Microeconomics
ECON 3331 International Economics
ECON 3332 Theory of Economic Development
FINA 3334 International Financial Management
FINA 3335 Financial Institutions and Markets
Other Requirements:

**Language Training:** The ability to communicate in foreign communities is fundamental to effective international work. Each student majoring in International Development must demonstrate a foreign language capability up to the 3000 level. Achieving this facility requires a minimum of 6 credit hours or as many as 12 credit hours of language classes.

**Practical International Experience:** Being immersed in an international environment is one of the most effective means for gaining an international perspective. Therefore, each student majoring in International Development will complete one of the following practical international experiences:

4. Study Abroad. Depending on the courses taken, credit hours will apply to the University core, international studies requirements or electives.
5. Internship in international business. May substitute for one of the requirements within the international studies core.
6. Structured experience abroad without academic credit. Requires prior approval by the director of the Center for International Studies.

**COURSES**

**1351- Introduction to International Studies**
A survey of factors affecting interaction within the international community. The focus is on the meaning, purposes and methodologies of international studies as a framework for better understanding historical, social, cultural, economic and political issues and trends within the human family.

**2352- Research Methods in International Studies**
An overview of research and writing techniques used in the field of international studies. Techniques for using library and Internet sources to gather information on topics germane to international studies are stressed. The proper method for constructing an academic research paper in international studies is also covered, including the correct use of the documentation format used in the field. The research and writing methods and format taught in this course are standard for research and writing projects in all international studies courses at the University of St. Thomas.

**3351- Comparative Political Systems**
An overview of the world’s political cultures, systems, behavior, and institutions. The objective is to develop a background with which to assess and explain differences in political culture, governmental structures and political behavior, and to appreciate the effects these factors have on international relations. **Prerequisite:** INST 1351 or permission of faculty member.

**3352- International Politics (POSC 3352)**
Theories of international politics and the decision-making process that generates foreign policy. An examination of the role of power in the modern world, the utility of force in conflict resolution versus the multilateral, collaborative approach. An introduction to the way current international politics is increasingly related to the world economic situation with special attention to the role of multinational corporations, international trade and finance. **Prerequisites:** INST 1351 or permission of faculty member.
3354- International Political Economy
This course examines the interrelationship between political and economic factors in international relations. Theoretical perspectives on the relationship between international economics and politics, trade policies, trends in integration of political and economic systems, the role of multinational corporations and economic organizations in the modern world. Prerequisites: INST 3352 or permission of faculty member.

3355- Intercultural Issues
A survey of world cultures, the factors distinguishing them from one another and the impact that cultural differences have on international relations. Special emphasis is placed on current cultural issues of major concern to the international community. Prerequisite: INST 1351 or permission of faculty member.

3357- Regional Study of Europe
An interdisciplinary survey of Europe, focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region in the international community today. Prerequisite: INST 1351 or permission of faculty member.

3359- Regional Study of Latin America
An interdisciplinary survey of Latin America, focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region in the international community today. Prerequisite: INST 1351 or permission of faculty member.

3360- Regional Study of East Asia
An interdisciplinary survey of East Asia focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region in the international community today. Prerequisite: INST 1351 or permission of faculty member.

3363- Regional Study of North Africa and the Middle East
An interdisciplinary survey of the Middle East, focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region in the international community today. Prerequisite: INST 1351 or permission of faculty member.

3366- The American Foreign Policy Process (POSC 4354)
The foreign-policy-making process and factors influencing U.S. international behavior since 1945. Special emphasis on foreign policy issues affecting United States’ interests in the coming decade. Prerequisite: INST 1351 or permission of faculty member.

4191, 4291, 4391, 4491, 4591, 4691- Internship in International Studies
Work experience in business, government, media or private, not-for-profit agencies in the international field. To be arranged with the director. Permission required: Department. Course offered Pass/Fail basis only.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in International Studies
Student research on a selected problem in the field under the guidance of an international studies faculty member. Permission required: Instructor.
4193, 4293, 4393, 4493- Special Topics in International Studies
Upper-division treatment of selected topics in international studies.

4358- Contemporary Mexico
This course is an introduction to the political and economic trends underway in Mexico. The political sphere includes features of the current political system, electoral processes, the evolution of nongovernmental organizations and the relation of the Mexican government with civil society, business and labor sectors. The economic sphere focuses on Mexico’s role in NAFTA and regional integration, and the bilateral relationship of Mexico with the United States. 
Prerequisite: 60+ credit hours

4359- Latin America Cultures: Diversity, Paradoxes and Transformation
This course examines how the interplay of cultures affects our daily lives and how values and beliefs can shape cultural regions. While the course will cover broad theory, particular focus will be on Latin America. The key question is: who is the Latin American? This course will review and deconstruct the paradigm of Latin American character and how it impacts and is impacted by the church, work relations, family, race and gender. The influences of particular historical, geographic and socio-economic forces in Latin American build an image of a coherent cultural region. This is an image, however, full of intra-regional diversity. To what extent then does the cultural ideal type accommodate this diversity? Mexico, Brazil and Argentina will be examined for answers to these questions. Prerequisite: 60+ credit hours

4360- Perspectives on Modern China
This course presents the history of modern China from 1860s to today. The course begins with China’s forced opening to the West after the Opium Wars and concludes with China’s transition at the start of the 21st Century. While emphasizing the chronological record of China’s development, discussion also focuses on the changing images of China at home in the West over one and a half centuries. Reliance upon text material is accented by frequent use of film to bring these images and events to life. Prerequisite: 60+ credit hours

4361- Global Energy
This course explores the political, social and economic issues surrounding the global exploration, supply, and consumption of energy. The politics of energy examines the national, multinational, and transnational actors that compete for energy resources. The relationship between energy and security is investigated with special attention to the Middle East, China, India, and the United States. The social consequences of the search for and use of fossil fuels is examined, as well as the economics of fossil fuels, biomass, and renewal energy resources. Considerable attention will be granted to studies forecasting future supply and demand, as well as the cost benefit analysis of alternative energy sources. Prerequisite: 60+ credit hours

4362-Globalization and Gender Issues
This course examines the relationship between the globalization phenomena and issues related to gender treatment and equity. Primary emphasis will be granted to the effect of globalization on female labor. This topic will be explored in the context of socioeconomic development within and across developed and
developing societies. Major conceptual approaches to understand development will be addressed and assessed through quantitative and qualitative analyses. 
*Prerequisite: 60+ credit hours*

**4363- Labor Markets and International Migration**

The expansion of globalization has not been limited to the flow of goods and investment. Ascending in importance and complexity has been that of the role of international migration in pursuit of labor markets. People struggle with their desire to obtain work and their ability to leave their national territory to seek such opportunities. States struggle with their desire to fill needed labor markets while also controlling their borders. This course offers an examination of the transformations in modern labor markets under globalization and the role played by immigrant workers in the context of these transformations. Primary concentration will be granted to analysis of the agricultural, industrial and service sectors. *Prerequisite: 60+ credit hours*

**4364- International Law**

Beginning with the customs and sources of international jurisprudence, this course introduces essential legal terminology and distinctions focusing on the lawful exercise of power of nations. Relevant topics include international organizations and methods of dispute resolution, especially armed conflict, human rights, global environmental law, and law of the sea, air, and space. *Prerequisite: 60+ credit hours*

**4365- Development and Democracy**

This course provides an extensive examination of the conceptualization and measurement of “development” and “democracy.” The course begins with discussion and analysis of the extant model of development as it developed in Western Europe and North America. This model is then applied and tested in regions of the world outside of the core-industrialized states to ascertain its applicability historically and empirically. *Prerequisite: 60+ credit hours*

**4366- International Security**

This course exposes students to a focused look at security studies of peace and war, with application to understanding the source and nature of conflicts over time. State and systemic security is approached from a perspective broader than traditional conventional security by examining economic, health, and environmental challenges to states. *Prerequisite: 60+ credit hours*

**4367- U.S. Security Policy and Strategy**

This seminar examines the challenges that the United States confronts in international affairs in the first decades of the twenty-first century; will analyze the foreign and national security policies the country pursues to meet these challenges; and will evaluate the strategies it deploys to implement those policies. The course will place these themes in their historical context. Among the subjects explored are nature of power and the uses of diplomacy in the contemporary world; United States’ diplomatic, foreign policy, and national security traditions; the National Security Strategy of the United States; the utility of the concepts of sovereignty, hegemony, and the balance of power; the impact of globalization and anti-Americanism on U.S. policy and strategy; and the U.S. approach to failed states, transnational threats, democracy promotion, and conflict termination. *Prerequisite: 60+ credit hours*
4368- International Projects: Structuring and Development
This course exposes students to the basic analytical skills and practical experiences needed to generally understand the rationale for and execution of international projects from identification to start of operations. It covers the general theories and practices used by multilateral and governmental organizations as well as large corporations to identify, justify, structure, negotiate and fund international projects. The course is designed to provide practical analytical skills to students who would like to develop careers in the international arena. Among the subjects this course will explore are project development; project finance; risk identification and mitigation; international legal structuring and negotiations; and project viability analysis. Prerequisite: 60+ credit hours

4369 - Seminar in International Development Studies
This course sees individuals as active agents of change in any given society. Through an integrated analysis of economic, social and political activities involving a variety of institutions and many interactive agencies it seeks to understand and analyze the roles and interconnections between certain crucial instrumental freedoms and their prospects for development. In part, these include economic opportunities, political rights, social facilities, transparency guarantees, and protective security. Course format will present opportunities for exploring development, including a formal debate on the role of societal arrangements. Prerequisite: 60+ credit hours

4370- Global Health
The study of global health requires the examination of predominant health issues and current health policy from the local to international perspectives and analysis. The increasingly open flow of resources, including human capital, and the potential of the catastrophic impact of epidemics and pandemics has transformed health from a domestic to a multi-national concern and challenge. Emphasis will be on the international health regime characterized by the institutional rules, norms, and organizations that address global health. Specifically, this course examines and discusses topics in health- and organization-related issues, including a current survey of global health problems, surveillance of diseases and injuries, basic methods for outbreak investigation, international health policies and treaties, and introduction to organizational theories relevant to global health. Prerequisite: 60+ credit hours

4371- International Human Rights
This course introduces the theoretical, legal and policy issues of importance in human rights discourse. Students will be provided a solid grounding in the key texts, documents and literature on the subject and will be equipped with a knowledge and understanding of the fundamental legal, political and nongovernmental organizations which underpin human rights practice. Emphasis will be international in nature and will focus on the international rules and institutions that address human rights. No prior knowledge of the law or any particular legal system is required. Prerequisite: 60+ credit hours

4372 - International Organizations and Global Governance
A course that inquires into global governance as a policy arena and examines the contributions that international organizations make. Economic and cultural integration over recent decades have given rise to new problems facing requiring concerted solutions. In addition to states increasing numbers of intergovernmental and non-governmental organizations seek input into the shaping of global policy. How well do they do? The course asks “what is global governance?” and “what
should it be?” It then delves into the workings of several intergovernmental and non-governmental organizations and evaluates their potential for finding innovative answers to the challenges facing the world community. *Prerequisite: 60+ credit hours*

**4373 - European Integration**
This course will provide an in-depth knowledge of the politics, institutions and economic development of the European Union from the collapse of the Soviet bloc to the present. It examines the continent’s development through detailed analysis of the rise, fall and attempted reconstitution of the post Cold War settlement through Europe’s multiple actors. Critical exploration of theoretical and empirical literatures on the emergence, evolution and present dilemmas of the European integration project, from the Coal and Steal Community to Europe’s Constitutional Treaty to the latest European Enlargement will lead to understanding political and economic integration during the last decades and effects on average European citizens. *Prerequisite: 60+ credit hours*

**4374 - Seminar in Middle East Studies**
This course complements INST 3363 (Regional Study: North Africa and the Middle East) by examining the dynamics, debates, and crises that mark the modern Middle East. Topically it includes women and gender in the Middle East; the economics of oil; water as a scarce and contentious resource; Muslim fundamentalism; the Arab-Israeli conflict; the politics of armament. Topics rotate from semester to semester. It will strengthen methods and analytical capabilities for understanding the complexities of current affairs in this strategic world region. *Prerequisite: 60+ credit hours*

**4375 - Contemporary Brazil**
This course deals with key factors in the historical formation of Brazil which have shaped major contemporary issues. Among them, the course will highlight the formation of the territory and Brazilian identity, miscegenation and racial identity, land and income distribution, urbanization and urban violence. Students will learn to discuss contemporary attempts of development in the country, their failures and successes, and the involvement of the different social classes and major religious groups in these attempts. Furthermore, the discussion will place the Brazilian experience within the context of Latin America and the International community. *Prerequisite: 60+ credit hours*

**4376 - Contemporary Taiwan**
This course is a survey of the contemporary history, politics, economics, and external relations of the Republic of China on Taiwan, known to most of the world as simply Taiwan. While founded on mainland China in 1912, the Republic of China we know today has been shaped largely by events after 1949. On the verge of total defeat near the end of China's civil war, the Nationalist government reestablished itself on the island of Taiwan. Since 1949, Taiwan has transitioned from abject poverty to one of the wealthiest societies in the world; from fascism to liberal democracy; and from near universal diplomatic recognition to nearly complete diplomatic isolation. This course will explore the immense challenges faced by Taiwan's people and government and investigate the manner in which such an imperiled island managed such a fascinating process of change. Highlighted as well is the prominent role played by the United States in guaranteeing the regional security necessary for Taiwan's ascendance. *Prerequisite: 60+ credit hours*
4398- Senior Thesis in International Studies Part I
Year long capstone course in which majors develop, elaborate, and research a topic of their own choosing, in consultation with their thesis director. The result of this intensive research and writing exercise will be a thesis fit for presentation at a professional conference and UST Research Symposium. Students register for this three-credit hour course in the fall semester and receive a “Satisfactory” grade until completion of the thesis in the spring semester. Fall. **Prerequisite: INST 2352 and permission of professor**

4399- Senior Thesis in International Studies Part II
This course is the second semester continuation of a two-semester long capstone degree requirement in which majors develop, elaborate, and research a topic of their own choosing, in consultation with their thesis director. An expected that the result of this intensive research and writing exercise will be a thesis fit for presentation at a professional conference and UST Research Symposium. **Prerequisite: INST 4398**

**IRISH STUDIES**

**Contact:** Lori Meghan Gallagher, J.D., irishstudies@stthom.edu

Irish Studies is an interdisciplinary program of courses focused on Irish and Northern Irish history, politics, law, literature, theology, language, music, art history, drama, heritage and culture, contemporary life and the Irish American Experience. The Northern Ireland Peace Process, explored through courses on campus and in study abroad programs, serves as a model for peace around the world. Faculty Members in Irish Studies as well as other disciplines teach these courses.

As part of the University’s liberal arts curriculum, Irish Studies courses prepare students for post-graduate employment in Irish Studies, law, business, the social sciences, teaching and the international diplomatic corp. Many students choose to pursue further post-graduate study in Irish Studies or one of these other fields. Irish Studies students develop an understanding of diverse cultural, political, historical, socio-economic, legal and other factors affecting our world today.

**CENTER FOR IRISH STUDIES**

**Director:** Lori Meghan Gallagher, J.D., irishstudies@stthom.edu
Website: www.stthom.edu/irishstudies

The William J. Flynn Center for Irish Studies is one of the University’s most active Centers for Excellence. Building on the international dimension of the University’s educational mission, the Center affirms the historic and contemporary connections among Ireland, Northern Ireland, the Irish American community and the University.

The University offers a minor and a graduate concentration in the Master in Liberal Arts program in Irish Studies. Through support from the Irish Government, the Center promotes the Irish language and preserves Irish heritage and culture. The Irish Studies Program curriculum enhances the University’s study abroad opportunities.
In partnership with the University’s Study Abroad and International Studies Programs, the Center offers opportunities by which students can study in Ireland and Northern Ireland at various colleges and universities. The University has an agreement with Mary Immaculate College in Limerick, Ireland, for study abroad at the undergraduate and graduate levels. The University also invites foreign exchange students to the University from Irish and Northern Irish universities and colleges. The Center facilitates study abroad scholarships and research to enhance and serve the intellectual life of the University and the community.

Through the Center’s Cultural Outreach Series, each month during the academic year leading scholars from Ireland, Northern Ireland and around the world speak to well-attended audiences on a wide range of issues. Irish and Irish American storytellers, musicians, songwriters and other performance artists complete the diverse cultural offerings.

**MINOR IN IRISH STUDIES**

The interdisciplinary Irish Studies minor enables students to combine Irish-related courses and core requirements into a unified program of studies. The minor prepares students for post-graduate work in the field or enables them to satisfy a special interest by acquiring a more comprehensive understanding of Irish Studies at the undergraduate level.

**Irish Studies minor requirements – Irish Studies/English/History/Art History/Drama/ Political Science/Theology: 18 credit hours**

**Required for Irish Studies minor (9 credit hours):**
- IRST/ENGL 3309 Modern Irish Literature
- IRST/HIST 3365 History of Ireland Since 1600
- IRST 4392 Directed Reading/Independent Study

**Choose 3 courses from the following (9 credit hours):**
- ARTHS 4392 Directed Readings
- DRAM 4392 Directed Readings
- ENGL 4392 Directed Readings
- ENGL 4393 Irish Literature and Film
- ENGL 4393 Irish Literary Renaissance
- ENGL 4393 James Joyce
- ENGL 4393 Modern Irish Playwrights
- ENGL 4393 Modern Irish Women Writers
- ENGL 4393 Travel Writing
- ENGL 4393 Ulysses
- IRST 1331 Elementary Irish I
- IRST 1332 Elementary Irish II
- IRST 3309 Modern Irish Literature
- IRST 3365 History of Ireland Since 1600
- IRST 3366 Historical and Political Perspectives on Irish Law and Culture
- IRST 3367 Irish Diaspora: Irish American Experience
- IRST 3368 Northern Ireland: Conflict and Peace
- IRST 4336 American Catholic Heritage
- IRST 4392 Directed Readings/Independent Study in Irish Studies
- IRST 4393 Special Topics in Irish Studies
1331 - Elementary Irish I
Elementary instruction in vocabulary, grammar and cultural insight into the Irish language and culture.

1332 - Elementary Irish II
Advanced elementary instruction in vocabulary, grammar and cultural insight into the Irish language and culture.

3309 - Modern Irish Literature
Study of Irish poetry, fiction, and drama from the Irish Revival/Modern period through the contemporary renaissance. Required for Irish Studies minor.

3365 - History of Ireland Since 1600
Irish history from the end of the reign of Elizabeth I to the recent Time of the Troubles. Special emphasis on the influence of English history, the revolutions of the 18th century, the development of Irish nationalism, the emergence of an Irish nation under the leadership of Eamon de Valera and the unsettling issues in the time of The Troubles. Required for Irish Studies minor.

3366 - Historical and Political Perspectives on Irish Law and Culture
This course explores the historical and political perspectives of Irish law and culture as a means of social expression. It investigates the political, economic, social, religious, legal, linguistic and cultural aspects of Ireland as it developed throughout history. The course reviews Irish and English laws affecting the Irish throughout key periods in history, such as the English and Scottish plantations in Ireland and land confiscations, the flight of the Irish from Ireland in response to English laws and other events and key insurrections and uprisings. Students will analyze the role of law and politics in shaping history and culture.

3367 - Irish Diaspora: Irish American Experience
This course examines the causes of transatlantic migration of the Irish and Northern Irish people and the development of a subculture of Irish Americans in the United States in the context of key periods of departure. It addresses the political, social, legal, religious, cultural and economic aspects of life in Ireland and Northern Ireland that gave rise to emigration. This course investigates how the Irish and Northern Irish made a mark on American society, politics, law and culture. It uses the Irish American experience as a case study for other immigrant experiences today.
3368 - Northern Ireland: Conflict and Peace
This course is divided into three parts: (i) Historical Context, (ii) the “Conflict,” and (iii) the “Peace.” The historical context explores some of the key events that led to the conflict and the current situation in Northern Ireland. The Conflict portion reviews the current dispute between the various political parties in Northern Ireland and the groups they represent: nationalists (who want to reunite Northern Ireland with Ireland) and unionists (who want to keep Northern Ireland separate from Ireland and united with Britain). The Conflict also reviews the use of physical force (violence) to achieve these goals versus constitutional, peaceful means (the ballot box and dialogue). The Peace portion discusses the various agreements and movements among Britain, Ireland and Northern Ireland from 1922 to today to stop the violence and to bring peace to Northern Ireland, Britain and Ireland. The course also covers current events in Northern Ireland, such as ongoing elections and other governmental, political, social and cultural issues.

4336 - American Catholic Heritage
This course surveys, critically analyzes and increases appreciation for American Catholic Heritage as well as Irish and Irish American Heritage and Culture.

4392 - Directed Reading/Independent Study in Irish
Independent study or directed reading study under a faculty member’s direction. Required for the Irish Studies minor.

4393 - Special Topics Courses: Selected Topics in Irish Studies
These courses are offered as needed and cross-listed with courses in other disciplines, as applicable and with the approval of the chairs of those departments.

4393 - Intermediate Irish Language I
Intermediate instruction in vocabulary, grammar and cultural insight into the Irish language and culture.

4393 - Intermediate Irish Language II
Advanced intermediate instruction in vocabulary, grammar and cultural insight into the Irish language and culture.

4393 - Ireland and Education: The Language and the Culture
This course explores the history and development of the Irish educational system since the inception of the Republic of Ireland, in 1922. The course covers various theories and applications of research regarding the process of Irish language acquisition and development in the Irish educational system. Students become familiar with teaching and learning strategies that can be applied to any second-language learning situation.

The target language used for this course is Irish. Students have the opportunity to acquire basic level conversational skills in Irish, including basic pronunciation, vocabulary and grammar, as well as cultural aspects of Ireland, including music, literature, dance and song.
4393 - Irish Literature and Film
This course introduces students to a selection of Irish films in regard to the original literary text on which they are based, the historical or social/political event that is reported in them and their artistic and literary merit. Focus is on films covering political/historical events in Ireland during the 20th – 21st centuries, as well as several literary adaptations of plays written by Irish writers, including Sean O’Casey, George Bernard Shaw, James Joyce, Oscar Wilde and others.

4393 - Irish Literary Renaissance
This course provides an introduction to the works of four major Irish writers of the Irish Literary Renaissance: Synge, O’Casey, Yeats, and Joyce.

4393 - James Joyce
This course provides an overview of James Joyce’s primary texts, with the exception of *Finnegans Wake*. Students will read *Dubliners, A Portrait of the Artist as a Young Man*, and *Ulysses*, as well as Joyce’s one play, *Exiles*. They also will have a brief introduction to his life and Dublin, Ireland, the center of his works.

4393 - Irish Playwrights
This course covers key Irish playwrights throughout Irish literary history.

4393 - Modern Irish Women Writers
Through a study of selected works by several Irish women writers, students will increase awareness of the vast literary output of Irish women in the last century, gain an understanding of the subjects, both universal and particular to Irish women and explore the treatment by writers of various concerns identified with the women’s movement and the Troubles in Northern Ireland.

4393 - Travel Writing
This course is a writing intensive course in a workshop format. Students complete various readings and keep a travel journal while studying abroad in Ireland.

4393 – *Ulysses*
This course is in-depth study of James Joyce’s novel *Ulysses*.

4393 – Celtic Notes: Introduction to Traditional Irish Music
This course introduces students to the rich musical heritage of Ireland. No previous experience of studying music is required. The course traces the evolution of Irish music, exploring the impact of social history, emigration and the advent of recording in shaping Irish traditional song and dance music. Form, style and instrumentation are examined while introducing students to a wide range of listening material and encouraging the development of aural appreciation skills.

4393 - Contemporary Irish Political and Social Issues
This course is a basic introduction to politics in the Republic of Ireland. Although at the outset the course briefly reviews the historical context out of which Irish politics has evolved over the past century, most of the course focuses on the institutional processes of government of the Republic of Ireland. In the latter part of the course, the course explores the politics of “the six counties” of Northern Ireland and Ireland’s growing integration into the European Union.
4393 – Contemporary Ireland: Society and Culture
This course has several dimensions: Political, economic, religious, social, linguistic and cultural. The course explores the rich cultural heritage of Ireland, expressed in the language, music, folklore, dance and sport. The course examines the ideology associated with these traditions and their frequent use as a tool to highlight the political position of the country as a separate and independent state and to legitimize its claim to self-determination. Additionally, the course looks at the recent transformations of Irish society due to rapid economic growth, the flow of immigration into the country and an increasing involvement in European and global affairs, and assesses the impact of these changes on Irish politics, society, culture and identity. The course also covers basic aspects of Ireland’s government and economy as well as its role in cross-border initiatives with Northern Ireland to promote the peace process and an all-island diversified economy.

4393 - Celtic Spirituality
This course is a systematic study of the concepts and practices of the Christian spiritual life, with a special emphasis placed upon an understanding of Celtic Spirituality and the influences of Anglo-Saxon spirituality on it. This study is undertaken by reading and studying selected texts by the great spiritual masters and writers of the Church from the Celtic and Anglo-Saxon tradition.

LATIN AMERICAN AND LATINO STUDIES (LALS)
Director: Emiliano Gonzalez, PhD, gonzale@stthom.edu
713-525-3547

The United States Southwest, specifically Texas and Houston, has a unique cultural history in its Latin American and Latino people and with its relationship with Latin American and Latino neighbors to the South. Both have contributed to the transformation of the economics, education, and politics of the Southwest. Houston integrates all aspects of Latin American and Latino reality into its fabric of daily living and working.

The Latin American and Latino students at the University of St.Thomas have risen from near invisibility to over one in four of the student population, reflecting the change permeating this region and the United States as a nation. The Latin American & Latino Studies (LALS) Program seeks through scholarship and learning to foster the hope and opportunities inherent in the change of which it is a part. The University of St. Thomas is the best choice when considering a Latin American and Latino studies program.

Program Description
The Latin American and Latino Studies Minor (LALS) provides students with a balanced and specialized curriculum
- Analyzes the mutually influencing histories, cultures, and societies of Latin America and Latino students;
- Provides opportunities to develop critical understanding of their arts, social realities, migration patterns, politics, economics, and literature; and
- Delves into the soul of Latin American and Latino people.
MINOR IN LATIN AMERICAN & LATINO STUDIES

International Studies/Political Science/Spanish/History: 18 credit hours

Prerequisite coursework for minor (9 – 21 credit hours):
INST 1351 Introduction to International Studies
POSC 2331 American and Texas Government I
POSC 2332 American and Texas Government II

Placement into upper-division Spanish or coursework to reach upper-division level, contingent upon decisions by Spanish program
SPAN 1331 Elementary Spanish I
SPAN 1332 Elementary Spanish II
SPAN 2331 Intermediate Spanish I
SPAN 2332 Intermediate Spanish II
SPAN 2333 Intermediate Spanish I for Heritage Speakers
SPAN 2334 Intermediate Spanish II for Heritage Speakers

Required for minor in Latin American and Latino Studies (3 credit hours)
INST 3359 Regional Study of Latin America

Choose one course from the following Political Science courses (3 credit hours):
POSC 3366 Mestizaje: Multiculturalism in the Americas
POSC 3363 Latino Politics

Choose one course from the following Spanish coursework (3 credit hours):
SPAN 4372 Hispanic American Culture
MACL 4372 Culture in Translation

Interdisciplinary Electives for Latin American and Latino Studies minor (9 credit hours)
Choose three courses from the following:
BIE 3339 Teaching Multicultural Populations
CS/POSC 4393 Latin American Religion and Politics
INST 4358 Contemporary México
INST 4359 Latin American Cultures
INST 4393 Contemporary Brazil
INST 4393 Latin American International Relations
HIST 3340 Colonial Latin America
HIST 3343 Latin American History since Independence
MACL 4372 Culture in Translation
POSC 3363 Latino Politics
POSC 4362 Minority Politics
SPAN 3362 Hispanic Theater Workshop
SPAN 3360 Literature of the Mexican Revolution
SPAN 3363 Masterworks of Mexican Literature
CS/SPAN 4331 Survey of Latin American Literature
BIE/DL/SPAN 4365/4335 Spanish Children’s Literature/US Hispanic Writers
CS/SPAN 4336 Hispanic Women
SPAN 4363 Hispanic Cinema
LALS 4391 Latin American and Latino Studies Internship
LALS 4392 Directed Reading/Independent Study
LALS 4393 Special Topics in Latin American and Latino Studies
LALS 4399 Senior Research in Latin American and Latino Studies
Language Requirement:
Completion of UST core requirement in Spanish at placement level is required, or alternative proficiency, as determined by MACL.
For students seeking internships, a high intermediate proficiency (ACTFL-Criteria) in Spanish, as determined by MACL, is highly recommended.

Program Contact:
Dr. Emiliano Gonzalez, LALS Program Director, 713-525-3547, or gonzale@stthom.edu

Latin America and Latino Studies Program Faculty Committee:
Dr. Livia Bornigia, Communication, 713-942-5907, bornigl@stthom.edu
Dr. John F. Burke, Political Science, 713-525-3814, burke@stthom.edu
Dr. Elizabeth Coscio, Modern Languages, 713-942-3495, coscio@stthom.edu
Dr. Ramon Fernandez, Accounting, 713-525-2103, ramonf@stthom.edu
Dr. Rogelio Garcia-Contreras, International Studies, 713-525-3538, Garcia@stthom.edu
Dr. Ricardo Montelongo, Associate Vice Pres. for Student Success, 713-525-6972, montelr@stthom.edu
Dr. Higinia Torres-Rimbau, School of Education, 713-525-3550, rimbau@stthom.edu

**LIBERAL ARTS**

Coordinator: Sara Laidlaw, laidlas@stthom.edu

The liberal arts major gives students the opportunity to develop a different range of courses in the School of Arts and Sciences than allowed by a single, double or joint major program. The areas of concentration required must come from disciplines within the School of Arts and Sciences. A concentration in economics (Cameron School of Business) is also acceptable. With the help of academic advisors, students in this major may design the interdisciplinary curriculum that best fits their individual plans. This program also offers the flexibility transfer students sometimes need to complete a degree. Students enrolled in the liberal arts major must complete the following:

Liberal Arts major requirements: 30 credit hours

1. All core curriculum and general degree requirements of the University;
2. At least 30 credit hours in two disciplines distributed as follows:
   a. at least 15 upper-division credit hours (plus all departmental prerequisites) in a primary discipline of concentration;
   b. at least 9 upper-division credit hours (plus all departmental prerequisites) in a secondary discipline;
   c. Six additional credit hours, in either or both concentrations, may be completed at the lower or the upper division level.

The credit hours for the major may be brought in as transfer hours or completed at the University of St. Thomas.

The coordinator will either serve as the student’s advisor or assign the student an academic advisor, typically in the primary discipline.
Mathematics is one of the most permanent and universal of the liberal arts and sciences. The courses offered by the department recognize mathematics as the universal tool for the life, natural, and social sciences. The program’s core consists of topics chosen to ensure that students understand and appreciate the nature of mathematical thought and the role abstraction and logic play in it.

The Mathematics Department at UST offers degree programs in a variety of mathematics and mathematics-related fields for undergraduate students. Students can pursue a bachelor of arts degree with a major or minor in mathematics or a minor in computer science. The department also houses the Cooperative Engineering Program for students preparing for a career in engineering while pursuing a liberal arts education. Students interested in a teaching career may select courses specifically designed to support their goals. In addition, the department also offers a variety of courses that fulfill the University’s core curriculum requirement.

The Distinguished Student of Mathematics Scholarship Endowment Fund and the Dr. William A. and Margaret Reddie Endowed Scholarship in Mathematics provide financial assistance to majors in mathematics. The Mathematics Department Research and Development Endowment Fund supports the Department of Mathematics.

**MAJOR IN MATHEMATICS**

**Mathematics major requirements - Mathematics/Computer Science: 41 credit hours**

**Mathematics: 28 credit hours**

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MATH 1431</td>
<td>Calculus I</td>
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<td>MATH 1432</td>
<td>Calculus II</td>
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<td>MATH 2431</td>
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<td>MATH 2340</td>
<td>A Transition to Mathematics</td>
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<td>MATH 2343</td>
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<td>MATH 3334</td>
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<td>MATH 4181</td>
<td>Senior Seminar</td>
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<tr>
<td>MATH 4331</td>
<td>Real Analysis I</td>
</tr>
<tr>
<td>MATH 4338</td>
<td>Abstract Algebra I</td>
</tr>
</tbody>
</table>

**Computer Science: 4 credit hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>COMSC 1450</td>
<td>Computer Programming I</td>
</tr>
</tbody>
</table>

**ELECTIVES IN MATHEMATICS: 9 credit hours**

Three additional mathematics courses chosen from 3000 or 4000 level courses EXCEPT the following: MATH 3325, 3332, 3333, 3336, 3341, 3342, or 3344.

All graduating seniors who major in mathematics must take the Educational Testing Service (ETS) Major Field Test in Mathematics before graduation but no earlier than the penultimate semester.
Cooperative Engineering Program

The University of St. Thomas has cooperative agreements with Texas A&M University, the University of Houston, and the University of Notre Dame. The student earns a BA degree in Mathematics from UST and a BS degree in the chosen engineering discipline at the cooperative institution upon completion of the program.

Students interested in participating in the Cooperative Engineering Program must formally apply to the program by contacting the Coordinator of the Cooperative Engineering Program in the Department of Mathematics. Students must maintain certain GPA standards and complete 95-96 credit hours at UST. Required courses in mathematics, computer science, chemistry, and physics to be completed at UST are listed below.

Core Requirements Adapted the for Cooperative Engineering Program (45 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEO 1300</td>
<td>Teachings of the Catholic Church</td>
</tr>
<tr>
<td>THEO 2300</td>
<td>Introduction to the Sacred Scripture</td>
</tr>
<tr>
<td>THEO</td>
<td>Any 3000/4000 level elective</td>
</tr>
<tr>
<td>PHIL 1311</td>
<td>Philosophy of the Human Person</td>
</tr>
<tr>
<td>PHIL 2314</td>
<td>Ethics</td>
</tr>
<tr>
<td>PHIL 2333</td>
<td>Logic</td>
</tr>
<tr>
<td>ENGL 1341</td>
<td>The Classical Tradition: Literature and Composition I</td>
</tr>
<tr>
<td>ENGL 1342</td>
<td>The Middle Ages: Literature and Composition II</td>
</tr>
<tr>
<td>ENGL 4393</td>
<td>Technical Writing</td>
</tr>
<tr>
<td>HIST 2333</td>
<td>United States to 1877</td>
</tr>
<tr>
<td>HIST 2334</td>
<td>United States since 1877</td>
</tr>
<tr>
<td>POSC 2331</td>
<td>American and Texas Government I</td>
</tr>
<tr>
<td>POSC 2332</td>
<td>American and Texas Government II</td>
</tr>
<tr>
<td>ARTHS 2352</td>
<td>Survey of Art II</td>
</tr>
</tbody>
</table>

Choose one course from the following (3 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1331</td>
<td>Principles of Macroeconomics</td>
</tr>
<tr>
<td>ECON 1332</td>
<td>Principles of Microeconomics</td>
</tr>
<tr>
<td>GEOG 2332</td>
<td>World Regional Geography</td>
</tr>
<tr>
<td>PSYC 1332</td>
<td>General Psychology</td>
</tr>
<tr>
<td>SOCI 1331</td>
<td>Principles of Sociology</td>
</tr>
</tbody>
</table>

Major Requirements - Mathematics/Computer Science/Chemistry/Physics: 50 credit hours

Mathematics (27 credit hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>MATH 1431</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MATH 1432</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MATH 2431</td>
<td>Calculus III</td>
</tr>
<tr>
<td>MATH 2343</td>
<td>Differential Equations I</td>
</tr>
<tr>
<td>MATH 3334</td>
<td>Linear Algebra I</td>
</tr>
<tr>
<td>MATH 3339</td>
<td>Topics in Numerical Analysis</td>
</tr>
<tr>
<td>MATH 3341</td>
<td>Mechanics I (Statics)</td>
</tr>
<tr>
<td>MATH 3342</td>
<td>Mechanics II (Dynamics)</td>
</tr>
</tbody>
</table>
Choose one mathematics elective from the following courses (3-4 credit hours):
MATH 3323 Vector Calculus
MATH 3333 Electrical Circuits
MATH 3335 A First Course in Probability
MATH 3336 Thermodynamics
MATH 3343 Differential Equations II
MATH 3344 Mathematical Methods in Engineering
MATH 3360 Combinatorial Theory
MATH 3430 Intermediate Statistics
MATH 4336 Complex Analysis
MATH 4343 Introduction to Partial Differential Equations

Computer Science (4 credit hours)
COMSC 1450 Computer Programming I

Chemistry (8 credit hours)
CHEM 1341/1141 General Chemistry I & laboratory
CHEM 1342/1142 General Chemistry II & laboratory

Physics (8 credit hours)
PHYS 2333/2111 University Physics I & laboratory
PHYS 2334/2112 University Physics II & laboratory

MINOR IN MATHEMATICS

Mathematics minor: 24 credit hours

Mathematics (18 credit hours)
MATH 1431 Calculus I
MATH 1432 Calculus II
MATH 2431 Calculus III
MATH 2343 Differential Equations I
MATH 3334 Linear Algebra I

Choose two mathematics electives at the 3000/4000 level EXCEPT (6 credit hours): MATH 3325, 3332, 3333, 3336, 3341, 3342, or 3344.

MINOR IN COMPUTER SCIENCE

Computer Science minor requirements - Computer Science/Mathematics: 19 credit hours

Mathematics prerequisite courses (8 credit hours):
MATH 1431 Calculus I
MATH 1432 Calculus II

Computer Science (10 credit hours):
COMSC 1450 Computer Programming I
COMSC 1351 Computer Programming II
COMSC 2351 Computer Programming III
Choose one course from the following (3 credit hours):
COMSC 3365 Principles of Programming Languages
COMSC 3385 Introduction to Assembly Languages

Mathematics (3 credit hours):
MATH 3334 Linear Algebra I

Choose one course from the following (3 credit hours):
COMSC 3339 Numerical Methods
MATH 3339 Topics in Numerical Analysis

JOINT MAJORS

Mathematics: 35 credit hours
Joint majors combining mathematics with philosophy or Spanish are available. The student must complete the core courses for the mathematics major (32 units) and one elective course chosen from any 3000 or 4000 level course in mathematics EXCEPT MATH 3325, 3332, 3333, 3336, 3341, 3342, or 3344.

COURSES

1325- The Nature of Mathematics
This course is an exploration of great ideas of mathematics. The course describes the nature of mathematics and provides insights into various strategies used by mathematicians in solving problems. The course emphasizes creative and effective thinking through an introductory examination of a wide variety of topics such as number theory, geometry, infinity, topology, chaos and fractals, and decision making. Prerequisite: Acceptance in the Mendenhall Summer Institute.

1331- Pre-Calculus Algebra and Trigonometry
An integrated review course in pre-calculus algebra and trigonometry covering function concepts and symbols, rectangular coordinates, linear and quadratic functions, polynomial and rational functions, trigonometric functions, inequalities, systems of equations, complex numbers and analytic geometry.

1351- Finite Mathematics
Topics from contemporary mathematics, their development, applications and role in society. Some typical topics, to be chosen by the instructor, include graph theory, mathematical finance, critical path analysis, statistical inference, coding, game theory and symmetry. Applications are in the management, natural and social sciences.

1353- Mathematics for Economics and Business
Mathematics of finance, linear equations, inequalities and mathematical models with emphasis on applications.

1425- Success Through Enhancement of Mathematical Skills (STEMS)
Topics covered will include numerical evaluation of logarithms and the use of methods for working with them, the interpretation and manipulation of numbers in scientific notation; trigonometric functions; the quantitative interpretation and generation of graphs; the evaluation of ratios of numbers with integer exponents; the simplification of rational expressions, and the use of percentages; estimation
methods without the use of calculators; dimensional analysis; trigonometric functions. The course emphasizes creative and effective problem solving techniques in a real world context and an enhancement of mathematical skills leading to greater achievement in STEM (Science, Engineering, Technology and Mathematics) courses. Prerequisite: Acceptance in the Science and Mathematics Summer Institute.

1431- Calculus I
Limits, continuity, differentiation, integration and applications of both differentiation and integration.

1432- Calculus II
Transcendental functions, techniques of integration, applications of integration, parametric equations, polar coordinates, infinite sequences and series. Prerequisite: Grade of “C” or better in MATH 1431.

2337- Euclidian Geometry
An informal but logical development of the most common geometry of points, lines, plane figures and solids. Practical proof, visualization and synthesis of topics are emphasized. Applications to analytic geometry and trigonometry are included.

2340- A Transition to Mathematics
Methods of proof (direct, contradiction, conditional, contraposition); valid and invalid arguments. Examples from set theory. Quantified statements and their arguments. Functions, indexed sets, set functions. Proofs in number theory, algebra, geometry and analysis. Proofs by induction. Equivalence and well-defined operations and functions. The axiomatic method. Prerequisite: MATH 1432 with a grade of "C" or better.

2343- Differential Equations I
Basic concepts, theory, methods, and applications of ordinary differential equations. Prerequisite: MATH 1432 with a grade of "C" or better.

2431- Calculus III
Vectors and the geometry of space, vector functions, partial derivatives, multiple integrals, Green’s Theorem, curl and divergence, Stokes’ Theorem, The Divergence Theorem. Prerequisite: MATH 1432 with a grade of “C” or better.

2434- Applied Statistical Concepts
Data collection and experimental design, descriptive statistics, confidence intervals, parametric and nonparametric one and two-sample hypothesis tests, analysis of variance, correlation, simple and multiple linear regression, chi-square tests. Not open to students with credit in MATH 3332 or MATH 3430. This course may not be used as part of the mathematics courses required of mathematics majors.

2437- Contemporary Mathematics for Elementary Teachers
A modern approach to the mathematics commonly taught to young children. Theoretic bases for computation and measurement are established. The geometric properties of shapes and solids are explored both visually and through computations. The basics of theoretical and empirical probability are developed
using models and manipulatives. Additional topics such as problem solving
algorithms, elementary logic and statistics are introduced. Prerequisites:
Successful completion of a University core mathematics course. Does not satisfy
the University core requirements in mathematics

3181- Junior Seminar
Written and oral analysis and presentations by students on topics from
mathematics. Student research projects. Prerequisite: MATH 2431.

3193, 3293, 3393, 3493- Special Topics in Mathematics
Junior division treatment of selected topics of mutual interest to the faculty
member and students. Prerequisite: consent of chair.

3323- Vector Calculus
Algebra and calculus of vectors, vector differential operators, Green’s and Stokes’
theorems, curvilinear coordinates, tensors. Maxwell’s Equations. Prerequisite:
MATH 2431.

3325- Calculus for Business and Economics
Polynomial calculus for optimization and marginal analysis and elementary
integration. Not open to students with credit in MATH 1431. Prerequisite: MATH
1353.

3332- Elementary Statistical Methods for Economics and Business
Basic concepts of statistics with emphasis on statistical inference. Sampling and
experimentation, descriptive statistics, confidence intervals, probability, two-
sample hypothesis tests for means and proportions, Chi-squared tests, linear and
multiple regressions, analysis of variance. Not open to students with credit in
MATH 2434 or 3430. This course may not be used as part of the upper-division
mathematics courses required of mathematics majors.

3333- Electrical Circuits (PHYS 3333)
Electrical circuit laws and theorems, natural and forced response to DC and AC
excitation, transfer functions, systems analysis, transformers, electromechanics,
power generation and distribution. Prerequisites: PHYS 2334 and MATH 2343.

3334- Linear Algebra I
Matrices, inverses, linear systems, determinants, eigenvalues, eigenvectors, vector
spaces, linear transformations, inner product spaces, Fourier series and orthogonal
bases. Prerequisite: MATH 1432.

3335- A First Course in Probability
An elementary introduction to the mathematical theory of probability for students
of mathematics, engineering and the sciences (including the social sciences and
management science). Topics include combinatorial analysis, axioms of
probability, conditional probability and independence, and random variables.
Prerequisite: MATH 1432.

3336- Thermodynamics (PHYS 3336)
Fundamental properties of heat, work and energy. Analysis of thermodynamics
systems, control-volume analysis and the mathematical modeling of energy
transfer systems. Prerequisites: CHEM 1342, MATH 2431, PHYS 2333.
3337- Modern Geometry
A study of the foundations of Euclidean geometry; non-Euclidean geometry. 
Prerequisite: Successful completion of a University core mathematics course.

3339- Topics in Numerical Analysis
Numerical algorithms as applied to differential and integral calculus; stability and 
convergence of methods with error estimates. Prerequisites: COMSC 1450 and 
MATH 1431.

3341- Mechanics I (Statics) (PHYS 3341)
The concepts of force, momentum, balance and friction are used in the application 
of vector algebra and the calculus to the modeling and analysis of force systems, 
free-body diagrams and the equilibrium states of rigid bodies. Prerequisites: 
PHYS 2333, MATH 2431.

3342- Mechanics II (Dynamics) (PHYS 3342)
The concepts of force, acceleration, work, energy, impulse, momentum and 
vibration are used in the application of vector and differential equations to the 
modeling and analysis of particle kinetics, planar and three-dimensional particle 
kinematics, and the behavior of rigid bodies. Prerequisite: MATH 3341.

3343- Differential Equations II
Continuation of Math 2343. Power series solutions of differential equations and 
Bessel functions, Fourier series and transforms, matrices, systems of differential 
equations, introduction to generalized functions. Recommended for students 
interested in applications of mathematics and engineering. Prerequisite: MATH 
2343.

3344- Mathematical Methods in Engineering
Introduction to advanced methods of mathematics useful in the analysis of 
engineering problems, theory or vector fields, Fourier analysis. Strum-Liouville 
theory, functions of a complex variable, selected topics in asymptotic analysis, 
special functions, perturbation theory. Recommended for students interested in 
engineering applications of mathematics. Prerequisite: MATH 2343.

3346- History of Mathematics
Evolution of mathematics from earliest to modern times. Major tends in 
mathematical thought, the interplay of mathematical and technological 
innovations, and the contributions of great mathematicians. Appropriate for 
prospective and in-service teachers. Prerequisite: Successful completion of a 
University core mathematics course.

3360- Combinatorial Theory
Topics chosen at the discretion of the instructor. Methods of enumerative 
combinatorics: sum, product, and division rules, bijective and recursive 
techniques, inclusion and exclusion, generating functions, and the finite difference 
calculus. Advanced topics to be selected from the theory of partitions, Polya 
theory, designs, and codes, graphs and trees with applications including games of 
complete information. Combinatorial existence theorems, Ramsey’s theorem. 
Prerequisite: MATH 1431.
3430- Intermediate Statistics
Design of experiments, sampling analysis and the principles of statistical inference are applied to information in electronic format. Topics include confidence intervals, hypothesis testing, one and two factor analysis of variance, linear and non-linear regression, multiple regression, chi-square tests, contingency tables, as well as selected techniques for time series analysis. Prerequisite: MATH 1431.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Mathematics
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: consent of chair.

4193, 4293, 4393, 4493- Special Topics in Mathematics
Upper-division treatment of selected topics of mutual interest to the faculty member and students. Prerequisite: consent of chair.

4181- Senior Seminar
Written and oral analysis and presentations by students on topics from mathematics. Student research projects.

4182- Senior Project I
Undergraduate research under faculty supervision. Selection and completion of a written thesis, culminating in a departmentally approved report. The research topic and required senior thesis must be approved by a committee of three faculty members. Prerequisite: consent of chair.

4183- Senior Project II
Continuation of MATH 4182. May be taken in place of Senior Seminar (MATH 4181) to meet mathematics graduation requirements. May be taken concurrently with MATH 4182 with permission of chair. Students may not receive credit for both MATH 4181 and MATH 4183. Prerequisite: consent of chair.

4329- Number Theory
Properties of numbers, Euclid’s Algorithm, greatest common divisors, diophantine equations, prime numbers, congruences, number theoretic functions, the quadratic reciprocity laws, primitive roots and indices. Prerequisite: MATH 2340.

4331- Real Analysis I
Introduction to concepts and methods basic to real analysis. Topics such as the real number system, sequences, continuity, uniform continuity, differentiation, infinite series and integration. Prerequisite: Math 2340.

4332- Real Analysis II
Continuation of Math 4331 covering such topics as uniform convergence and functions of several variables. Strongly recommended for students planning to enter graduate school or secondary teaching and those interested in applied mathematics. Prerequisite: MATH 4331.
4335- Topology
The basics of point-set topology. Open and closed sets, limit points, topological
spaces, countability, compactness, connectedness, metrics and metric topologies.
Prerequisite: MATH 2340.

4336- Complex Analysis
Calculus of a function of a complex variable. Prerequisite: MATH 1432.

4338- Abstract Algebra I
Fundamental algebraic structures and types of algebras, including operations
within them and relations among them. Groups, rings and fields. Prerequisite:
MATH 2340.

4339- Abstract Algebra II
Direct products, Sylow theory, ideals, extensions of rings, factorization of ring
elements, modules, and Galois theory. Prerequisite: MATH 4338.

4341- Linear Algebra II
Continuation of Math 2341. Linear transformations and similarity, eigenvalues
and diagonalization, complex vector spaces, unitary and self-adjoint matrices,
Spectral Theorem, Jordan canonical form. Selected topics in linear programming,
convexity, numerical methods, and functional analysis. Prerequisites: MATH 3334.

4343- Introduction to Partial Differential Equations
Mathematical formulation of physical laws. Existence and uniqueness for Cauchy
and Dirichlet problems; classification of equations; potential-theoretic methods;
other topics at the discretion of the instructor. Recommended for students
interested in applications of mathematics and engineering. Prerequisite: MATH 2343.

4345- Introduction to Differential Geometry and Topology
Theory of curves and surfaces in space. Topics such as curvature, geodesics,
Gauss map, Gauss-Bonnet Theorem, combinatorial topology and selected topics.
Prerequisites: MATH 3323 and MATH 3334.

COMPUTER SCIENCE COURSES (COMSC)

1450- Computer Programming I
Algorithms and programming in a selected computer language; variables,
expressions, statements; simple data types; sequence, decision, iteration; functions
and procedures; input and output; sequential files; one-dimensional arrays;
elementary sorting and searching; loop invariants; syntax analysis; and program
design, documentation, and debugging.

1351- Computer Programming II
Continuation of COMSC 1450: floating point issues; two-dimensional arrays;
object-oriented programming, and algorithm analysis; GUI programming; topics
in programming with another high-level language. Prerequisites: COMSC 1450
and MATH 1431.

2351- Computer Programming III
Continuation of COMSC 1351: Introduction to abstract data types, records, linked
lists, stacks, queues and trees; recursion; object-oriented programming; analysis of
algorithms; additional sorting and searching techniques; hashing; file merging;
Prerequisites: COMSC 1351 and MATH 1432.
3339- Numerical Methods
Introduction to using computers to solve applied mathematical problems. Topics include mathematical modeling, round-off and truncation error, root location, linear algebraic equations, optimization, regression, interpolation, numerical differentiation and integration, and ordinary differential equation initial-value problems. Applications using software and programming languages. Not open to students with credit in MATH 3339.

3365- Principles of Programming Languages
The organization of programming languages with emphasis on language semantics; language definition, data types, and control structures of various languages. **Prerequisite:** COMSC 2351.

3375- Database
Organization concepts and terminology of data models and the underlying data structures needed to support them. Thorough presentation of the relational database management system including an introduction to SQL programming, normalization and database design. Introduction to the programming interface to databases. **Prerequisite:** junior standing; COMSC 1450.

3385- Introduction to Assembly Language
Machine structure; machine language; assembly language instructions and addressing modes; data representations; subroutines; macros; traps and interrupts; and input and output. **Prerequisite:** COMSC 1351.

4393- Special Topics in Computer Science
Topics of special interest chosen by the instructor. **Prerequisite:** COMSC 2351.

**MEDIEVAL STUDIES**

**Contact:** Irving A. Kelter, kelter@stthom.edu

Medieval studies is a broad term that covers the full range of human activities as they appear in the period 500-1500 A.D., particularly, but not exclusively, in Europe and Asia Minor. This is a cultural, rather than a disciplinary, approach to academic subjects, and seeks to integrate separate fields into a coherent whole within this chronological frame.

**MINOR IN MEDIEVAL STUDIES**

This interdisciplinary minor enables the student to coordinate many courses, both core requirements and electives, into a more unified and meaningful secondary course of study. This minor is, of course, useful to any student considering graduate work in any field involving the medieval period, but it is also intended for students who desire to concentrate their studies and to obtain a more comprehensive understanding of the period.
Medieval Studies minor requirement: 18 credit hours

Choose one course from the following (3 credit hours):

- **HIST 3303**: Europe: The Middle Ages
- **HIST 3304**: Europe: The Early Modern Age
- **HIST 3359**: Science and Society to 1500
- **HIST 4322**: Reform and Reformation
- **HIST 4325**: Ancient Britain
- **HIST 4337**: Magic and Witchcraft to 1700
- **HIST 4338**: Europe and the Age of Discovery
- **HIST 4393**: Special Topics in History (when applicable)
- **HIST/POSC 3302**: History of the Common Law

Choose one course from the following (3 credit hours):

- **ENGL 1342**: The Middle Ages and Renaissance: Lit. & Comp. II
- **ENGL 3310**: Chaucer
- **ENGL 4321**: Arthurian Literature
- **ENGL 4339**: Dante
- **ENGL 4393**: Special Topics (when applicable, e.g., Medieval Vision Literature)
- **FREN**: Literature of the Middle Ages and the Renaissance
- **SPAN 4333**: Survey of Spanish Literature I

Choose one course from the following (3 credit hours):

- **ARTHS 3340**: Early Medieval Art
- **ARTHS 3341**: Late Medieval Art
- **ARTHS 4345**: Iconography of Christian Art
- **ARTHS 4393**: Special Topics (when applicable, e.g., Christian Art and Architecture)
- **MUSC 3341**: Survey of History and Literature I: Middle Ages to Bach

Choose one course from the following (3 credit hours):

- **PHIL 2316/3316**: Medieval Philosophy
- **PHIL 4336**: Special Problems in the Philosophy of St. Thomas Aquinas
- **PHIL 4341**: Major Philosophers (when applicable)
- **PHIL 4354**: Philosophy of St. Augustine
- **PHIL 4393**: Special Topics in Philosophy (when applicable)
- **THEO 3345**: Theology of St. Thomas Aquinas
- **THEO 3363**: Church History I
- **THEO 4347**: Fathers of the Church

Choose two additional courses from the options above (6 credit hours)

Other courses, depending on their content, may fulfill the above requirements with the approval of the medieval studies advisor.
MODERN AND CLASSICAL LANGUAGES (MACL)

Department Chair: Elizabeth Coscio, coscioe@stthom.edu

The Modern and Classical Languages Department aims to give the student, whether major, joint-major, minor or non-major, an opportunity to become familiar with different languages, cultures and literatures. To achieve this aim, the department offers:

2. Course offerings in various languages, cultures and literatures;
3. The facilities of McManus International Languages Acquisition Base (MILAB), which are available to students on all levels of instruction during scheduled MILAB hours, or for target-language placement evaluation at other hours by prior arrangement with the department administrative assistant;
4. Courses leading to primary and secondary teaching certification (French and Spanish), in cooperation with the School of Education;
5. Courses leading to interdisciplinary joint-majors (See French and Spanish Program details);
6. Courses leading to interdisciplinary majors and minors in special-area programs such as Latin American – Latino Studies.

In addition, all students are strongly encouraged to participate in extracurricular activities sponsored by the individual language programs (e.g., clubs, honor societies, lectures, films, cultural and social events), in community-sponsored related activities, on and off-campus, and to participate in Study Abroad opportunities.

CLASSICAL LANGUAGES

Classics offers basic and advanced courses in both Latin and Greek. The student is given progressively more challenging material that not only sharpens skills in the respective language but also opens up in a special way the whole history and literature of the classical period, the wellspring of our 20th-century culture.

MODERN LANGUAGES

For majors, the programs provide a thorough background in LOTE (languages other than English) literatures, cultures and linguistics in preparation for advanced study and the fluency necessary to find a position where bilingualism is useful.

For non-majors, the programs introduce LOTE (language other than English) and the associated literatures and cultures, fulfilling the language requirement in the University’s core curriculum, and/or laying groundwork for graduate school language-proficiency requirements.

In practice, the department aims to balance opportunities to practice the oral, aural, reading and writing skills and acquire cultural knowledge in courses offered in the target languages.

All students are required to present written proof of recent placement evaluation done through the UST MILAB and to consult with a target-language MACL advisor before enrolling in a target-language course.
First- and second-year courses are closed to native speakers of target languages.

Students who have completed the first two years of target-language study or their equivalent and have acquired at least intermediate fluency may take the upper-division courses (3000 and 4000 levels) in no predetermined order although counseling by the department is highly encouraged.

**Major in Modern Languages:** Majors are offered in French, Spanish and Romance Languages (French and Spanish). Refer to the sections on individual languages for requirements.

**Minor in Modern Languages:** Refer to the sections on individual languages for requirements.

Native speakers of languages other than English (LOTE) may fulfill their foreign language requirement by one of the following options offered by the department:

1. Two of the department’s 1000-2000 level courses in any one target language other than their dominant or native language.
2. Two 3000-4000 level courses in their dominant or native language.

**4393- Special Topics: Perspectives of Literature in Translation**
Taught in English by specialists in foreign languages and literatures, this course offers unique insights into literature from perspectives within and across cultural boundaries as well as into the problematic of translation itself. Original language, content and theme vary. **Prerequisite: Permission of the department chair.**

**130l-1302- Critical Languages (vary)**
Provide the directed student with specific vocabulary, structure, and cultural insight via individualized computer-based study. Using native-speaker tutors, the course emphasizes both interaction between the English-speaking and the target language-speaking communities, as well as access to target language sources. Intended as an introduction to the language and culture of a selected country especially for students participating in a study abroad program or an area studies program. Consult department chair for availability.

**1331-1332 - Elementary Language I & II (vary)**
Provide the student with vocabulary, grammar and cultural insight via an introduction to a less-commonly-taught target language and associated cultures.

**4192, 4292, 4392- Directed Reading/Independent Study**
Supervised work done under the direction of a faculty member of the department. Permission of the chair required. May be repeated under a different title.

**4193, 4293, 4393- Special Topics**
Upper-division treatment of selected topics of mutual interest to the faculty member and students. **Prerequisite: permission of department chair.**

**4393- Special Topics: Perspectives of Literature in Translation**
Taught in English by specialists in foreign languages and literatures, this course offers unique insights into literature from perspectives within and across cultural boundaries as well as into the problematic of translation itself. Original language, content and theme vary. **Prerequisite: Permission of department chair.**
A major in music or music education provides a comprehensive background in music theory, music history and performance. The vast majority of the department’s offerings emphasize Western music with performance concentrations in vocal and choral music, piano or other instruments.

Students who major in these programs will achieve a thorough grasp of academic knowledge about music; will be able to demonstrate their research, writing and performing ability through a variety of tests, concerts and recitals; and will be prepared for further education and for employment in the field of music. Those students who complete the music education program will be able to pass the Texas Education Agency mandated examinations for teachers.

A minor in music provides a structured program for students following other major programs. The program also serves as one of the bases of the University’s interdisciplinary fine and performing arts offerings.

The department offers academic and applied studies for non-majors. It maintains an active recital series for the University and community.

**MAJOR IN MUSIC**

**Music major requirements: 50 credit hours**

**Music (18 credit hours)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MUSC 2362</td>
<td>Basic Musicianship I for Music Majors</td>
</tr>
<tr>
<td>MUSC 2364/2164</td>
<td>Basic Musicianship II &amp; Laboratory</td>
</tr>
<tr>
<td>MUSC 3363/3163</td>
<td>Basic Musicianship III &amp; Laboratory</td>
</tr>
<tr>
<td>MUSC 3364/3164</td>
<td>Basic Musicianship IV &amp; Laboratory</td>
</tr>
<tr>
<td>MUSC 3341</td>
<td>Survey of History and Literature I</td>
</tr>
</tbody>
</table>

**Choose one course from the following (3 credit hours):**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 3342</td>
<td>Survey of History and Literature II</td>
</tr>
<tr>
<td>MUSC 3343</td>
<td>Survey of History and Literature III</td>
</tr>
</tbody>
</table>

**Music program ensemble (8 credit hours):**

Enroll in a music program ensemble every semester

**Music program private instruction (16 credit hours):**

Enroll in a 2 credit hour private instruction each semester

**Academic music courses (5 credit hours)**

Choose an additional 5 credit hours of academic music courses

Students must enroll in a Music Department ensemble and in private instruction from a Music Department applied music teacher each semester. In addition, non-piano majors must pass a piano proficiency examination.
Students enrolled in either BA (music or music education) program must fulfill the following requirements:

1. Achieve at least “C-” in all required music courses.
2. Attend 10 University of St. Thomas or local professional concerts each semester.
3. Present a Senior Recital or substantial research project in the senior year.
4. Take a standardized major field test during the senior year.

**MAJOR IN MUSIC EDUCATION**

Specific requirements, in addition to those for the BA in music, include:

- **HIST 2333** United States to 1877
- **HIST 2334** United States since 1877
- **POSC 2332** Federal, State and Local Government
- **EDUC 3100** Field Experience Seminar I
- **EDUC 3101** Field Experience Seminar II
- **EDUC 3102** Field Experience Seminar III
- **EDUC 3304** Introduction to Curriculum and Instruction
- **EDUC 3339** Multicultural Populations
- **MS 4338** Classroom Management
- **EDUC 4360** Student Teaching
- **EDUC 4370** Student Teaching
- **RDGED 3303** Content Area Reading
- **BIED 4330** Foundations of Bilingual Education & English as a Second Language
- **SPED 4320** Exceptionality in Children and Youth

Additional music courses required for music education majors:

- **MUSC 3234** Techniques
- **MUSC 3235** Techniques

Choose one of the following:

- **MUSC 3335** Orchestral Conducting
- **MUSC 3336** Choral Conducting

**MINOR IN MUSIC**

Music minor requirements: 19 credit hours

**Music (10 credit hours)**

- **MUSC 2362** Basic Musicianship I for Music Majors
- **MUSC 2364/2164** Basic Musicianship II & Laboratory
- **MUSC 3341** Survey of History and Literature I

Choose one of the following (3 credit hours):

- **MUSC 3342** Survey of History and Literature II
- **MUSC 3343** Survey of History and Literature III

Choose 6 credit hours of music program ensembles and/or private instruction (6 credit hours):

Non-piano minors must pass a piano proficiency examination.

*Evening and Saturday Offerings in Music: Some Applied Music classes and ensembles can be taken in the evening or on Saturdays, depending on faculty member availability.*
COURSES

ENSEMBLES

1103- University Pop Singers
A choral organization that performs a variety of popular music. Open to all members of the University community with permission of faculty member.

1105- Jazz Ensemble
Repertoire emphasizes current and historical trends in jazz music. Open to all members of the University community with permission of faculty member.

1106- University Singers
A group of singers who perform music of many styles and periods. Open to all members of the University community with permission of faculty member.

1107- Chamber Music Ensemble
Performance of instrumental duos, trios, quartets, etc., from the classic period to the present. Open to all members of the University community with permission of faculty member.

1108- Wind Ensemble
An ensemble of wind, brass and percussion instruments that performs music from the 18th century to the present. Open to all members of the University community with permission of faculty member.

APPLIED MUSIC STUDY

1110- Class Piano or Voice
Beginning group instruction in physical and intellectual mastery of a musical instrument/voice. 3-4 students per class.

1113-3113- Class Composition or Improvisation
Melodic, harmonic and rhythmic approach toward form leading to composition or improvisation. Prerequisite: MUSC 2363.

INDIVIDUAL APPLIED MUSIC LESSONS (Voice, Piano and All Other Instruments)

Credit for individual instruction is given on the basis of one credit hour for a half-hour lesson per week during the semester. A maximum of two credit hours on one instrument may be taken in a single semester. During each summer session, a maximum of one credit hour may be taken. All students taking applied music are required to perform before the music faculty at the end of each semester unless the faculty member and the department chair waive this requirement.

After 60 credit hours, four semesters of private instruction and permission of the department chair and faculty members at the semester jury, a student may enroll in upper-division applied music credit.

1114-1224- Applied Music Lessons
Private study in piano, voice or other instrument.

3114-3224- Applied Music Lessons
Private study in piano, voice or other instrument. Prerequisite: permission of the music faculty.
1331- Introduction to Music
An appreciation and understanding of music through study of its basic elements, aesthetics and role in society. Examples of music are drawn from diverse historical periods, places and world cultures. Listening assignments and concert attendance required. Open to all students.

3340- Music and Western Civilization (FPA 3340)
A historical study of important composers, musical developments and the societal influences that helped to produce them. Listening assignments and concert attendance required. Open to all students.

3341- Survey of History and Literature I: Medieval and Renaissance
A study of the stylistic development of music. Prerequisite: Permission of faculty member.

3342- Survey of History and Literature II: Baroque and Classical
A continuation of the study of music. Prerequisite: Permission of faculty member.

3343- Survey of History and Literature III: Romantic and Modern
A continuation of the study of music. Prerequisite: Permission of faculty member.

MUSIC THEORY

2362- Basic Musicianship I for Music Majors
An accelerated introductory course covering the elements of music, melody, harmony, texture, terms, aural memorization of classical works, ear training and sight singing.

2363- Basic Musicianship I for Non-Majors
An introductory course covering the elements of music, melody, harmony, texture, terms, ear training and sight singing. Open to all students.

2364- Basic Musicianship II
Continued study of melody harmony, style, basic forms and seventh chords and aural memorization of classical works. Prerequisite: MUSC 2362 or 2363.

2164- Basic Musicianship II Laboratory
Sight singing, ear training and keyboard practice correlated to material presented in MUSC 2363. Prerequisite: MUSC 2362 or 2363.

3333- Form and Analysis
The structure of music from its smallest motivic elements through larger complete movement forms; simple and compound song forms, rondo, sonata, dance forms, techniques of variation, fugue and canon. Prerequisites: MUSC 3164, 3364.

3337- Counterpoint
A study of two-, three- and four-part contrapuntal compositions in the style of 18th century composers. Writing of exercises of two, three and four parts, culminating in composing three-part inventions. Prerequisites: MUSC 3164, 3364.
3363- Basic Musicianship III
Introduction of contrapuntal procedures, further study of dissonances and larger forms and aural memorization of classical works. Prerequisite: MUSC 2364.

3364- Basic Musicianship IV
Chromaticism, extended musical forms, analysis and composition, extension of traditional harmony and aural memorization of classical works. Prerequisite: MUSC 3363.

3163- Basic Musicianship III Laboratory
More advanced practice in sight singing, ear training and keyboard harmony, correlated with MUSC 3363. Prerequisite: MUSC 2364.

3164- Basic Musicianship IV Laboratory
Continuation of MUSC 3163. Prerequisite: MUSC 3163.

TECHNIQUES

3234-3235- Techniques
The teaching of applied music in school settings: voice, keyboard, string, wind and percussion instruments. Emphasis on music resources for teachers. Prerequisite: permission of faculty member.

3236- Piano Pedagogy
The teaching of piano in private and school settings. Emphasis on music resources for piano teachers. Prerequisite: Permission of faculty member.

3237- Vocal Pedagogy
The teaching of voice in private and school settings. Emphasis on music resources for voice teachers. Prerequisite: Permission of faculty member.

3335- Orchestral Conducting
Study of the director’s role relative to instrumental music, including rehearsal techniques, auditions, tone, balance, articulation, phrasing and interpretation. Practical experience in rehearsing an orchestral, ensemble. Selection of appropriate literature. Prerequisites: MUSC 3364, 3164. Permission of faculty member.

3336- Choral Conducting
Study of the director’s role relative to choral music, including rehearsal techniques, auditions, tone, balance, diction, phrasing and interpretation. Practical experience in rehearsing choral, ensemble. Selection of appropriate literature. Prerequisites: MUSC 3364, 3164, Permission of faculty member.

SPECIAL PROJECTS

0115-0116- Supplemental Study
Special work in areas of need. Conducted under the supervision of a faculty member.

0117- Supplemental Study – Italian Diction.

0118- Supplemental Study – French and German Diction.
202 PHILOSOPHY

4132, 4232- Workshops
Short-term (one or two weeks, usually in summer) intensive study (morning, afternoon, evening) of limited scope. Master classes, lecture demonstrations, etc. Fees vary with the event.

4191, 4291, 4391- Internship in Music
Practicum or on-the-job experience under the guidance of practicing specialists in the music field. To be supervised individually by a department faculty member with the approval of the department chair.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Music
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: MUSC 2364, 2164.

4193, 4293, 4393, 4493- Special Topics in Music
Upper-division treatment of selected topics of mutual interest to the faculty member and students.

PHILOSOPHY (PHIL)

Department Chair: Rev. Anthony E. Giampietro, CSB, aegcsb@stthom.edu

Philosophy is the science which by the natural light of reason studies the first causes or highest principles of all things. It is in other words, the science of things in their first causes in so far as these belong to the natural order. Philosophy on the level of natural reason, like theology on the level of supernatural faith, pursues answers to the deepest questions concerning reality and the meaning of life. As St. Thomas Aquinas argued, faith and reason cannot ultimately be in conflict; and any apparent conflict is the result of faulty understanding on one side or the other. While all major philosophers are studied at the University of St. Thomas, the philosophy of St. Thomas provides the unifying viewpoint. Pope John Paul II explained that “Thomas Aquinas possessed supremely the courage of the truth, a freedom of spirit in confronting new problems, the intellectual honesty of those who allow Christianity to be contaminated neither by secular philosophy nor by a prejudiced rejection of it. He passed therefore into the history of Christian thought as a pioneer of the new path of philosophy and universal culture.” Fides et Ratio #43

The courses in philosophy are designed to promote these aims of a liberal education:

1. to develop a capacity and love for disciplined and critical thinking about ultimate issues such as the existence of God, the freedom and spirituality of the person, the degrees of knowledge, and good and evil;
2. to expand the mind through vital contact with many of the greatest and most influential thinkers of all time;
3. to recognize and evaluate the underlying assumptions that govern contemporary opinion and to consider alternatives;
4. to facilitate the integration of study in the pursuit of wisdom and the knowledge of principles of order;
5. and to prepare for graduate study in philosophy, theology, law and other disciplines as well as for a variety of careers.

Assessment in large part will be done in connection with the Senior Seminar, which is required of all majors.
MAJOR IN PHILOSOPHY

Philosophy: 36 credit hours

Philosophy majors must complete all the courses in either Group I or Group II, plus six additional philosophy courses.

Group I (18 credit hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PHIL 1311</td>
<td>The Philosophy of the Human Person</td>
</tr>
<tr>
<td>PHIL 2314</td>
<td>Ethics</td>
</tr>
<tr>
<td>PHIL 2333</td>
<td>Logic (Traditional Logic)</td>
</tr>
<tr>
<td>PHIL 3313</td>
<td>Metaphysics</td>
</tr>
<tr>
<td>PHIL 4312</td>
<td>Philosophy of Knowledge (Epistemology)</td>
</tr>
<tr>
<td>PHIL 4390</td>
<td>Senior Seminar</td>
</tr>
</tbody>
</table>

Group II (18 credit hours)

<table>
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<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>PHIL 1315/3315</td>
<td>Ancient Philosophy</td>
</tr>
<tr>
<td>PHIL 2316/3316</td>
<td>Medieval Philosophy</td>
</tr>
<tr>
<td>PHIL 2333</td>
<td>Logic (Traditional Logic)</td>
</tr>
<tr>
<td>PHIL 3317</td>
<td>Modern Philosophy</td>
</tr>
<tr>
<td>PHIL 4318</td>
<td>Contemporary Philosophy</td>
</tr>
<tr>
<td>PHIL 4390</td>
<td>Senior Seminar</td>
</tr>
</tbody>
</table>

Choose 6 additional Philosophy courses (18 credit hours)

Majors are required to take the Synthesis course from Theology or Catholic Studies.

MINOR IN PHILOSOPHY

Philosophy: 18 credit hours

Students minoring in philosophy must complete one of the three-course sequences to satisfy the University core requirement, plus three additional courses. The 18 credit hours must include at least 9 hours at the 3000 or 4000 level. For general University policies regarding minors, see the section on the minor under requirements for bachelors’ degrees.

JOINT MAJORS

Joint majors are available that combine Philosophy with Communication, English, History, Mathematics, Political Science, Psychology or Theology. Students pursuing a joint major with Philosophy as one of the major fields of study must complete all of the courses in either Group I or Group II.

Evening and Saturday Offerings in Philosophy: Students who intend to take all their courses in the evening/Saturdays, and who must complete 9 or more credit hours in philosophy to satisfy the core requirement, should take the systematic sequence in order to accomplish this requirement in the most time-effective way. Students who intend to take all their courses in the evening/Saturdays, and who have transferred more than 60 credit hours, may take either the systematic or the historical sequence to satisfy their 6 credit-hour requirement with comparable time efficiency. (The historical sequence, however, offers these students upper-division credit hours that they may need for graduation requirements.)
COURSES

SYSTEMATIC SEQUENCE

1311- The Philosophy of the Human Person
   A study of the many aspects of human nature: sensation, emotion, thought, will, habits, soul and body.

2314- Ethics
   A study of the components of the moral life and moral decision-making: freedom, obligation, conscience, objective goods and values. Application of moral principles to particular circumstances. Prerequisite: PHIL 1311 or three courses in the historical sequence.

3313- Metaphysics
   A study of the fundamental aspects of physical things insofar as they are things, and existent, to see whether they lead to a realm that is “beyond the physical” (“metaphysical”). Prerequisites: PHIL 1311 and 2314 or three courses in the historical sequence.

HISTORICAL SEQUENCE

1315- Ancient Philosophy
   A study of being, nature, knowledge, man and the state, as developed by the pre-Socratics, Plato, Aristotle, the Epicureans, the Stoics and Plotinus

2316- Medieval Philosophy
   A continuation of the study of classical philosophical problems from the Christian perspectives of St. Augustine, St. Thomas Aquinas, St. Anselm, St. Bonaventure and others, while also noting Islamic and Jewish influences. Prerequisite: PHIL 1315/3315 or three courses in the systematic sequence.

3315- Ancient Philosophy
   Same subject matter as PHIL 1315, satisfying all its requirements in the historical sequence but taught at an upper-division level

3316- Medieval Philosophy
   Same subject matter as PHIL 2316, satisfying all its requirements in the historical sequence but taught at an upper-division level.

3317- Modern Philosophy
   A study of the rise of secular views of knowledge, ethics and politics as discussed by such philosophers as Machiavelli, Hobbes, Descartes, Locke, Rousseau and Hume. Prerequisites: PHIL 1315/3315 and PHIL 2316/3316 or three courses in the systematic sequence.

OTHER COURSES

2333- Logic (Traditional Logic)
   A practical study of the rules of correct reasoning, both inductive and deductive, together with analysis of the concept, the proposition and fallacies. Prerequisite: PHIL 1311 or 1315/3315
Completion of PHIL 2314 or PHIL 2316/3316 is the minimum prerequisite for all the following courses in philosophy:

3314- Business Ethics
A second course in ethics with emphasis on the moral issues that arise in modern business life. Among issues to be considered are the role of profits, property rights, workers’ rights, fairness in hiring, truth-telling and whistle-blowing. Additional Prerequisite: PHIL 2314.

3318- Bioethics
A second course in ethics with emphasis on the moral issues that arise in modern health care. Issues to be discussed include patient autonomy, life issues, the right to refuse treatment and the right to health care. Additional Prerequisite: PHIL 2314.

3336- Political Philosophy
An evaluation of the historically significant political theories in the Western tradition: classical, medieval and modern.

3338- God in Philosophy
A study of the teachings of some of the major philosophers, including St. Thomas Aquinas, concerning the existence and attributes of God and the consequences of theism and atheism in philosophy.

3350- Contemporary Logic
This course aims to introduce students to the significant philosophical advances made in the past 150 years in the field of logic. Some of this material can be grouped under the rubric of symbolic logic, but this course will go beyond the field of mathematical logic by discussing theories of modal and tense logic, and, more generally, by discussing why 20th- century philosophers see such formal logic as the most suitable tool for the discovery and development of logical truth.

3352- Philosophy of Aristotle
A special study of the philosophical thought of Aristotle based on selected texts from his works.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Philosophy
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

4193, 4293, 4393, 4493- Special Topics in Philosophy
Upper-division treatment of selected topics of mutual interest to the faculty member and students.

4312- Philosophy of Knowledge (Epistemology)
A study of how we know, covering the kinds of knowledge, the role of the senses and the intellect, abstraction, intentionality and the challenge of various forms of skepticism.

4318- Contemporary Philosophy
A study of recent philosophical developments from Kant and Hegel to the existentialists and pragmatists.
4331- Philosophy of Art and Beauty
The metaphysics of beauty and its role in the metaphysics of art; artistic creation and the work of art (form, medium, style); the experience of art and aesthetic appreciation. Selected writings and works of art.

4335- Analytical Philosophy
A study of the origins, development and doctrine of the Analytical Schools. Selected readings.

4336- Special Problems in the Philosophy of St. Thomas Aquinas
A study of the texts relating to one or more special questions, such as human freedom, truth, good and evil, the division and methods of the sciences, love and the passions, friendship, being and essence, law, teaching and learning.

4337- Philosophy of History and Culture
The nature of culture and civilization, the relationship of religion and culture, and the communication media and culture; the possibility of a philosophy of history, types of the philosophy of history.

4340- Phenomenology and Existentialism
The philosophy of Husserl, Kierkegaard, Nietzsche, Heidegger, Sartre and Marcel, with a concentrated study of one or more of these.

4341- Major Philosophers
The study of one major philosopher or of a group of two or three closely related major philosophers with selected readings.

4350- Philosophy of Law: Tradition of Natural Law
A critical study of the various versions of natural justice theory in historical perspective from the classical philosophers and jurists through the Christian conceptions of St. Augustine, St. Thomas Aquinas, Scotus and the Spanish scholastics up to the modern secular schools of natural right.

4352- Philosophy of Science
A study of the methods of science and the extent of scientific knowledge from classical cosmology through the Newtonian and Darwinian revolutions, with an assessment of more recent scientific achievements.

4354- Philosophy of Saint Augustine
An introduction to the philosophical thought of St. Augustine based on selected texts from his work.

4390- Senior Seminar
Research, with oral and written presentations, as a culmination of the philosophy major. Required of philosophy majors and open to them exclusively.
The Physical Education Program is responsible for providing activity classes to supplement academic elective requirements for degree programs. Classes are open to both undergraduate and graduate students. Course offerings are listed below.

Students may take up to two credit hours of physical education courses that count toward the total number of credit hours required for a bachelor’s degree. All courses in physical education are offered on a pass/fail basis.

**COURSES**

**1112 – Surfing**
Students will learn the fundamental physical activities of surfing Gulf Coast waters (catching waves, popping-up, riding waves) and the basic culture of riding long boards and short boards, including safety, vocabulary, local coastal geography, etiquette, weather reading, and accessing surfing related information.

**1125 – Vee Jitsu**
Individuals will learn to utilize the most useful aspects of various stand-up, throwing and ground-oriented fighting arts. This course incorporates the fundamental concepts of Karate, Tae Kwon Do and Thai Boxing for the punching and kicking aspects while using elements of Ju Jitsu, Judo and Aikido for the throwing part. Students will learn basic grappling, ground fighting and various defensive and offensive postures from sitting and lying positions.

**1130 – Racquetball**
Individuals will learn rules, terms and etiquette of the game. Basic skills taught will include ceiling shots, back wall play, forehands and backhands.

**1140 – Tennis I**
The course is designed to teach the basic skills of the game including history, rules, terminology, scoring and etiquette.

**1150 – Weight Training**
Instruction will provide the student with an understanding of the theory of weight training principles through demonstration and examination. Practical on-site training through participation will include terminology, muscle groups and proper lifting techniques.

**1160 – Fitness for Life**
Instruction and practice in the concepts and techniques of a self-paced physical activity program, emphasizing health and fitness concepts. Approved activities include jogging, cycling, swimming, stair climbing and walking.

**1170 – Team Sports I**
Through discussion, practice and examination two lifetime team sports will be offered. In addition to developing individual skills, students will experience group dynamics such as cooperation (teamwork); collaboration (leagues); and competition (matches). Team sports to be offered include bowling and volleyball.

**1180 – Team Sports II**
Same as Physical Education 1170, except for soccer and softball.
PHYSICS (PHYS)

CHEMISTRY AND PHYSICS DEPARTMENT

Program Chair: James Clarage, claragj@stthom.edu

Physics is that branch of science that attempts to discover all laws that govern the physical universe, from the smallest subatomic particle to the universe itself. Further, physics seeks to express these laws in a mathematical language in order that for a given set of initial conditions of a system, all future properties of the system that can be known will be predictable to a calculable accuracy.

The Physics Program offers an educational opportunity that provides a minor and that serves the needs of students who wish to satisfy core curriculum science requirements or major requirements of other departments. In addition, it serves those students in one of the cooperative plans in engineering that the University of St. Thomas has entered into with other universities.

The objective of the Physics Program is to provide an excellent undergraduate opportunity as a minor and as a service to other departments and programs that require physics courses for their major, minor and pre-professional students.

Astronomy, the study of stars, planets, and other heavenly objects beyond Earth’s immediate environment, has occupied a central position in mankind’s quest for intellectual understanding of Nature and the universal laws which govern and explain matter and energy. Historically, the development of science and the scientific method have received much of their initial motivation from trying to understand the behavior of the various lights observed in the night sky. The study of astronomy provides a natural backdrop for tracing the historical and philosophical development of mankind’s quest for understanding both our place in the Cosmos and the important role that science plays in that quest. Astronomy studies how and where stars are born, how they live out their lives, and how they die. It looks at the grouping of stars into galaxies and the behavior of matter over the vast spatial and temporal scales of the Universe.

MINOR IN PHYSICS

Physics: 20 credit hours

Prerequisite courses in mathematics:
MATH 1431 Calculus I
MATH 1432 Calculus II
MATH 2343 Differential Equations I
MATH 2431 Calculus III

Physics (8 credit hours)
PHYS 2333/2111 University Physics I and Laboratory
PHYS 2334/2112 University Physics II and Laboratory

Choose four additional courses from the following (12 credit hours):
PHYS 3335 University Physics III
PHYS/MATH 3333 Electrical Circuits
PHYS/MATH 3336 Thermodynamics
PHYS/MATH 3341 Mechanics I
PHYS/MATH 3342 Mechanics II
COURSES

1111/1112- General Physics I and II Laboratory
To accompany General Physics I and II. An introduction to research techniques, including setup and calibration of equipment; collection of data; analysis of data, including propagation of uncertainties; reporting of results and the writing of scientific papers. PHYS 1111

1323/1123- Solar System Astronomy and Solar System Astronomy Lab
This course focuses on the Solar System and on the development of astronomy as a science, from Earth’s earliest civilizations through Isaac Newton. The emphasis throughout is on conceptual understanding of how we came to know what we know about the Solar System.

The accompanying laboratory will provide practical activities to reinforce the concepts introduced in class. In addition, the lab will provide an opportunity for enlightened star-gazing as the student learns to locate and identify various objects in the night sky.

1324/1124- Stellar and Galactic Astronomy and Stellar and Galactic Astronomy Lab
This course focuses on astronomical objects and phenomena beyond the Solar System. It examines what science can tell us about the beginnings and the possible final fate of the Universe.

The accompanying laboratory course will be phased to reinforce the concepts presented in class.

1331/1332- General Physics I, II
Non-calculus introduction to kinematics, mechanics, thermodynamics, optics, electromagnetism and atomic physics. Prerequisites: MATH 1331 or equivalent or permission of faculty member.

2111/2112- University Physics I, II Laboratory
Calculus-based university physics laboratory to accompany university Physics I and II. Measurement statistics, uncertainties, and least square methods for experiments, reporting of results and the writing of scientific papers in mechanics (PHYS 2111) and sound, heat, electricity and optics (PHYS 2112). Corequisites: PHYS 2333 and 2334 or permission of instructor. PHYS 2111,PHYS 2112.

2333- University Physics I
Calculus-based course in physics. Particle kinematics and dynamics, conservation of energy and momentum, rotational motion, waves, fluid mechanics, and thermal physics. Prerequisite: MATH 1431.

2334- University Physics II
Calculus-based course in physics. Electricity, magnetism, Maxwell’s equations, electromagnetic waves, optics, and introduction to modern physics. Prerequisites: PHYS 2333 and MATH 1432.

3333- Electrical Circuits (MATH 3333)
Electrical circuit laws and theorems, natural and forced response to DC and AC excitation, transfer functions, systems analysis, transformers, electromechanics, power generation and distribution. Prerequisites: PHYS 2334; MATH 2343;
210 POLITICAL SCIENCE

3336- Thermodynamics (MATH 3336)
Fundamental properties of heat, work and energy. Analysis of thermodynamics systems, control-volume analysis and the mathematical modeling of energy transfer systems. *Prerequisites: CHEM 1342; MATH 2431; PHYS 2333.*

3341- Mechanics I (Statics) (MATH 3341)
The concepts of force, moments, balance and friction are used in the application of vector algebra and the calculus to the modeling and analysis of force systems, free-body diagrams and the equilibrium states of rigid bodies. *Prerequisite: MATH 1431.*

3342- Mechanics II (Dynamics) (MATH 3342)
The concepts of force, acceleration, work, energy, impulse, momentum and vibration are used in the application of vector and differential equations for the modeling and analysis of particle kinetics, planar and three-dimensional particle kinematics, and the behavior of rigid bodies. *Prerequisite: MATH 2343.*

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Physics
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

4193, 4293, 4393, 4493- Special Topics in Physics
Upper-division treatment of selected topics of mutual interest to the faculty member and students. Permission of faculty member required. May be repeated for credit.

POLITICAL SCIENCE (POSC)

Department Chair: Jon R. Taylor, taylorj@stthom.edu

The Political Science Department provides students with an in-depth understanding of government and a firm background in the normative, historical and behavioral facets of the social sciences.

As part of the political science major, the department offers concentrations in public administration, legal studies and social justice. Students interested in law school preparation should consult the University’s Prelaw Advisor.

Political science majors are expected to maintain a departmental “B” average. The department monitors the progress of both majors and graduates so as to assess adequately the accomplishment of the department’s goals and objectives.

MAJOR IN POLITICAL SCIENCE

Political Science major: 36 credit hours

Political Science majors must complete 36 credit hours of political science courses, 24 of which must be upper-division (3000/4000-level courses). Lower-division (1000/2000-level courses) credit will be given for political science courses. The student’s major advisor must approve all courses selected.
The following are required for all political science majors (15 credit hours):

- **POSC 2331** American and Texas Government I
- **POSC 2332** American and Texas Government II
- **POSC 3300** Methods in Social Research
- **POSC 3301** Statistics for the Social Sciences
- **POSC 4399** Senior Thesis or 4332 Senior Seminar

**One course from the following political theory courses (3 credit hours):**

- **POSC 4301** Political Theory: Plato to Machiavelli
- **POSC 4302** Political Theory: Hobbes to the Present
- **POSC 4303** American Political Thought
- **POSC 4304** Contemporary Political Thought
- **POSC 4306** Catholic Political and Social Thought

**One course from the following judicial courses (3 credit hours):**

- **POSC 3333** Law and Society
- **POSC 3342** Judicial Process
- **POSC 3355** American Constitutional Law
- **POSC 3302** History of the Common Law

**One course from the following political participation courses (3 credit hours):**

- **POSC 3331** Texas Politics
- **POSC 3332** Urban Government and Politics
- **POSC 3334** Campaigns and Elections
- **POSC 3335** Interest Groups, Political Parties, and Political Participation
- **POSC 3337** Politics and the Media
- **POSC 3350** U.S. Congress
- **POSC 3358** Public Opinion & Voting Behavior
- **POSC 3362** Minority Politics
- **POSC 4305** Religion and Politics

**One course from the following public administration courses (3 credit hours):**

- **POSC 3338** Internet and Politics
- **POSC 3353** The Presidency and the Executive Branch
- **POSC 3354** Emergency Management
- **POSC 3357** Public Policy Analysis
- **POSC 3371** Introduction to Public Administration
- **POSC 3372** Public Personnel Administration
- **POSC 3373** Public Administration Ethics
- **POSC 3374** Public Organizations: Theory and Behavior
- **POSC 3375** Federalism and Intergovernmental Relations
- **POSC 3376** Public Budgeting and Finance

3 credit hours of comparative or international politics
6 credit hours of political science course electives (of which no more than 3 credit hours can be judicial or law courses)

**The following history courses are recommended for political science majors:**

- **HIST 2333** United States to 1877
- **HIST 2334** United States since 1877
Students pursuing the public administration concentration as part of the political science major must complete the following:

**POSC 3371** Introduction to Public Administration

**Two courses (6 credit hours) from the following:**

- **POSC 3318** Administrative Law
- **POSC 3338** Internet and Politics
- **POSC 3353** The Presidency and the Executive Branch
- **POSC 3354** Emergency Management
- **POSC 3357** Public Policy Analysis
- **POSC 3372** Public Personnel Administration
- **POSC 3373** Public Administration Ethics
- **POSC 3374** Public Organizations: Theory and Behavior
- **POSC 3375** Federalism and Intergovernmental Relations
- **POSC 3376** Public Budgeting and Finance
- **POSC 4391** Internship in Political Science

**PUBLIC LAW AND POLICY CONCENTRATION**

Students pursuing the Public Law and Policy concentration as part of the political science major must complete the following:

**POSC 3355** American Constitutional Law

**Two courses (6 credit hours) from the following list of courses:**

- **POSC 3302** History of the Common Law
- **POSC 3303** Hale, Coke and Blackstone
- **POSC 3304** The Marshall Court
- **POSC 3305** Comparative Legal Systems
- **POSC 3321** Immigration Law and Policy
- **POSC 3312** Family Law
- **POSC 3318** Administrative Law
- **POSC 3320** Employment Law
- **POSC 3333** Law & Society
- **POSC 3356** American Constitutional Law II (Criminal Procedure)
- **POSC 4310** Constitutional Politics Seminar

**Courses of interest:**

- **POSC 4000** LSAT Review
- **POSC 4391** Internship in Public Law

**SOCIAL JUSTICE CONCENTRATION**

Students pursuing the social justice concentration as part of the political science major are required to take two of the following courses (6 credit hours):

- **POSC 2360** Introduction to Justice and Peace Studies
- **POSC 4306** Catholic Political and Social Thought
- **THEO 4334** Social Justice and the Church
- **CS 4391** Social Justice Internship
MINOR IN POLITICAL SCIENCE

Political Science minor: 18 credit hours

Two courses from the following (6 credit hours):
POSC 2331 American and Texas Government I
POSC 2332 American and Texas Government II
POSC 3300 Methods in Social Research

One course from the following judicial courses (3 credit hours):
POSC 3333 Law and Society
POSC 3342 Judicial Process
POSC 3355 American Constitutional Law

One course from the following political theory courses (3 credit hours):
POSC 4301 Political Theory: Plato to Machiavelli
POSC 4302 Political Theory: Hobbes to the Present
POSC 4303 American Political Theory
POSC 4304 Contemporary Political Theory
POSC 4306 Catholic Political and Social Thought

One course from the following political participation courses (3 credit hours):
POSC 3331 Texas Politics
POSC 3332 Urban Government and Politics
POSC 3334 Campaigns and Elections
POSC 3335 Political Participation in the US
POSC 3337 Politics and the Media
POSC 3350 Legislative Procedures
POSC 3358 Public Opinion & Voting Behavior
POSC 3362 Minority Politics
POSC 4305 Religion and Politics

One course from the following public administration courses (3 credit hours):
POSC 3338 Internet and Politics
POSC 3353 The Presidency and the Executive Branch
POSC 3354 Emergency Management
POSC 3357 Public Policy Analysis
POSC 3371 Public Administration
POSC 3372 Public Personnel Administration
POSC 3373 Public Administration Ethics
POSC 3374 Public Organizations: Theory and Behavior
POSC 3375 Federalism and Intergovernmental Relations
POSC 3376 Public Budgeting and Finance

JOINT MAJOR

A joint major is available combining Political Science with Catholic Studies, Communication, Environmental Studies, History, International Studies or Philosophy.

Evening offerings in Political Science: The department offers courses in the evening each fall and spring semester, as well as a limited number during the summer I and II terms.
COURSES

2300- Federal, State and Local Government For Teachers
Embraces a study of the state and federal constitutions; popular control in state and local government; state and local politics, the state legislature, the state judiciary, the governor and local urban government. Particular emphasis will be placed on the state government of Texas. This course satisfies the requirements for teacher certification in Texas Government. This course cannot be substituted for POSC 2331 or 2332, or used for the political science major.

2331- American and Texas Government I
A survey of U.S. national government, Texas state government and Texas local government. The course includes such topics as the U.S. and Texas Constitutions; democratic theory; federalism; political culture, political socialization and public opinion; political participation and electoral behavior; political parties and interest groups; press; and local government in Texas.

2332- American and Texas Government II
An examination of the institutional elements of the American and Texas political systems: legislative, executive, and judicial. These elements are examined at the national, state and local levels with a special emphasis on their roles in the development of public policy.

2333- Introduction to Criminal Justice
An introductory course designed to familiarize students with the facets of the criminal justice system, the subsystems and how they interrelate, including criminal law, criminal procedure, the processing of offenders, punishment alternatives and the future of the criminal justice system.

POSC 2331 and 2332 are prerequisites for all upper-division courses.

3300- Methods in Social Research
An introduction to basic research methodology in the social and behavioral sciences.

3301- Statistics for Political Science
This course is designed to introduce students to the basic quantitative methodology in the social sciences and to teach them research design from the conception of an idea to the analysis and interpretation of data.

3302- History of the Common Law (LGST and HIST 3302)
An introduction to the development of the principal English legal institutions and doctrines.

3303- Hale, Coke and Blackstone

3304- The Marshall Court
A historical analysis of the work of the United States Supreme Court between 1789 and 1835.
3305- Comparative Legal Systems: Civil Law (Roman Law) and the Common Law
A comparative study of common law legal systems and civil law systems from Europe and Latin America.

3312- Family Law
Entering the marriage relationship; void and voidable, duties and liabilities; divorce, annulment; parent-child relationships; paternity; custody; name changes, removal of disabilities of minority; liability of parents for conduct child; marital property rights; homestead; juvenile law; adoptions; individual federal tax.

3318- Administrative Law
A study of the implementation of statutes by the executive agencies of government, covering enforcement, economic and social regulation, taxation, education, distribution of welfare benefits, land management and many other activities of government.

3320- Employment Law
A practical approach to the substantive law of employment in the United States.

3321- Immigration Law and Policy
A practical approach to the substantive law of immigration in the context of American immigration history and developing public policy.

3325- Government and Politics of Russia
A survey of post-Soviet Russian politics. The course examines the efforts to create a new Russian governmental and political system following the general problem of "transitions" toward more open political and economic systems in former communist settings and in countries that did not have communist governments.

3331- Texas Politics
Designed for the students whose backgrounds and interests prepare them to do in-depth research and study of selected topics.

3332- Urban Government and Politics
This course covers the context in which city governments operate the politics and policymaking process of urban places, and the service delivery issues confronting municipalities. The course is designed to assist the student in obtaining an in-depth understanding of the politics of local public problems.

3333- Law and Society
How the values and attitudes of society influence the content and enforcement of the law, and how the law influences the mores and behavior of society.

3334- Campaigns and Elections
Students are offered the opportunity to actively participate in the campaigns of candidates. Academic research is combined with “on-the-job” training. Classroom analysis and critique of the individual campaigns round out the course.

3335- Interest Groups, Political Parties, and Political Participation
An examination of the various components of political participation: political parties, interest groups, public opinion and the role of media.
3337- Politics and the Media
This course analyzes the impact of the media on the American political system. There is an examination of the evolution of the media from the earliest days of the republic to its place of central importance in elections and governing today.

3338- Internet and Politics
This course is about how the Internet changes government and politics, as well as how government and politics shape the Internet.

3342- Judicial Process
Development and operations of courts and related institutions; impact of judicial decisions upon the political system.

3350- 3350- U.S. Congress
Advanced study of the U.S. Congress.

3352- International Politics (INST 3352)
Theories of international politics and the decision-making process that generates foreign policy. An examination of the role of power in the modern world, the utility of force in conflict resolution versus the multilateral, collaborative approach. An introduction to the way current international politics is increasingly related to the world economic situation, with special attention to the role of multinational corporations, international trade and finance. Prerequisite: INST 2351 or permission of faculty member.

3353- The Presidency and the Executive Branch
This course focuses on the role of the presidency in the American political system. Emphasis will be on the office and powers of the President, the expansion of the constitutional presidency and the changing nature of presidential politics.

3354- Emergency Management
This course focuses on the evolution of U.S. disaster policy and the practice of emergency management, with particular attention to the roles of local governments and nonprofit agencies in disaster management. The course examines the major policy issues, including the utility of the “all-hazard” or comprehensive model of emergency management, the role of the military in disaster operations, state and local capacity building, and the design and implementation of hazard mitigation policies and programs.

3355- American Constitutional Law
An analysis of the development and evolutionary interpretation of the United States Constitution through study of decisions by the United States Supreme Court from 1789 to the present.

3356- American Constitutional Law II (Criminal Procedure)
Examines the American constitutional law of criminal justice and criminal procedure as it relates to the administration of criminal substantive law, and the procedural law of arrest, stop and frisk, search, confessions, identification, preliminary hearings, bail, indictment, plea bargaining, venue, discovery, trial, sentencing, appeal, and habeas corpus.

3357- Public Policy Analysis
An exploration of the ways in which public policy is made in the United States.
3358- Public Opinion & Voting Behavior
The political behavior of the mass public in modern democratic systems, especially the United States. Major areas include: political socialization and learning, public opinion and attitude formation, participation and voting behavior.

3360- Introduction to Justice and Peace Studies
A basic overview of justice and peace studies, based on the seven main principles of Catholic Social Teaching. Among the topics that will be reviewed in conjunction with these principles are the dignity of the human person, community-building, human rights, economic development, culture, class, and gender concerns, conflict resolution and care for the environment.

3362- Minority Politics
An examination of political participation by minorities (African-American, Asian-American, Latin-American, Native American, women, and other minorities) in American politics, and of the impact of public policies on minority groups. Particular reference will be made to Texas and U.S. Southwest politics.

3371- Introduction to Public Administration
An overview of the basic components of administration in government and nonprofit organizations. Topics covered include executive branch structures, federalism, budgeting, policymaking, personnel administration and ethics.

3372- Public Personnel Administration
An introduction to civil service systems in the United States. Particular emphasis will be placed on the following topics: the history of the U.S. Civil Service, position classification systems, equal employment opportunity, employee recruitment, in-service training, performance appraisals, employee motivation and collective bargaining.

3373- Public Administration Ethics
An examination of individual, professional and institutional ethical issues that arise in public and nonprofit organizations.

3374- Public Organizations: Theory and Behavior
Explores knowledge of organization theory and administrative behavior to understand and diagnose organizational problems and dynamics in the public sector.

3375- Federalism and Intergovernmental Relations
This course examines the origins, foundations and 200-year history of the American system of national, state and local governance. The course will especially focus on how national, state and local governments interact through the intergovernmental process. Specific topics the course will cover include court cases on federalism, fiscal aspects of federalism, models of federalism, comparative federalism and the future of federalism.

3376- Public Budgeting and Finance
Examines the techniques and politics of raising and spending public funds. Discusses topics such as deficits politics, legislative and executive powers, and the budgetary role of the courts. Assesses the impacts of taxing and spending policies. Explores issues relevant to national, state, and local governments.
4000- LSAT Review
A non-credit review course for the LSAT.

4301- Political Theory: Plato to Machiavelli
An introduction to the development of political ideas from ancient times to the Renaissance. Students will study Greek, Roman, Medieval and Renaissance political thinkers.

4302- Political Theory: Hobbes to the Present
An introduction to the development of political ideas from the Reformation to the present day. Students will study the liberal and communitarian frameworks of political theory.

4303- American Political Theory
An introduction to the development of American political ideas from the colonial period to the present. Gender and minority perspectives are an integral part of the course.

4304- Contemporary Political Theory
An introduction to the development of political ideas in the 20th and 21st century. A comparison between Western and non-Western political theory is an integral part of the course.

4305- Religion and Politics
A basic review of the history and/or fundamental issues entailed in the interrelationship of religion and politics. In particular the course will focus on the impact religion has on political participation, political institutions and political culture.

4306- Catholic Political and Social Thought
An examination of Papal encyclicals, Vatican II documents and pastoral letters of the U.S. Bishops in regard to both perennial and emerging political and social issues. The contributions of American Catholic scholars to this rich heritage of teachings will also be highlighted.

4310- Constitutional Politics Seminar
A critical analysis of major confrontations in constitutional politics and theory with the goal of understanding how constitutional issues are sorted out in a federal system of government.

4332- Senior Seminar
A comprehensive course for political science senior students that explores and summarizes selected areas of government, law and the public arena. This course may be team-taught.

4354- American Foreign Policy (INST 4354)
The foreign policy-making process and factors influencing U.S. international behavior since 1945. Special emphasis on foreign policy issues affecting United States interests in the coming decade.

4191, 4291, 4391, 4491, 4591, 4691- Internship in Political Science
Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair.
4192, 4292, 4392, 4492- Directed Reading/Independent Study in Political Science
   Student research on a selected problem in the field pursued under the guidance of
   an assigned member of the faculty.

4193, 4293, 4393, 4493- Special Topics in Political Science
   Upper-division treatment of selected topics of mutual interest to the faculty
   member and students.

4399- Senior Thesis
   Research-based project open to political science majors and others with the
   permission of the department. Project topic to be approved and supervised by the
   department according to the standards and guidelines available from the
   department chair.

PSYCHOLOGY (PSYC)

Department Chair: Jo Meier-Marquis; meierj@stthom.edu

Psychologists use the scientific method to study behavior and mental processes. The
Psychology Department offers courses that develop students’ understanding of human
nature and functioning, train students in the methods of scientific psychology, and
prepare them to solve important human problems. The department provides:

1. A curriculum that integrates scientific, ethical and social justice perspectives
   on the nature of humans.
2. A program of undergraduate study in psychology that emphasizes empirical
   research methods, focuses on social justice issues, and prepares students for
   employment and graduate or professional training.

MAJOR IN PSYCHOLOGY

Psychology majors must maintain a cumulative GPA of at least 2.00 in psychology classes.

A student must earn a grade of “C” or better in Psychology 3433, 3434 and 3338
before taking any other course for which these are prerequisites.

Graduating seniors who are seeking a major in psychology will complete the
department’s evaluation instruments.

Psychology major requirements: 35 credit hours

Psychology (15 credit hours):
PSYC 1332 General Psychology
PSYC 3433 Foundations of Statistical Analysis
PSYC 3434 Inferential Studies
PSYC 3338 Experimental Psychology
PSYC 3138 Experimental Psychology Lab

Two laboratory courses from the following (8 credit hours):
PSYC 4434 Experimental Social Psychology
PSYC 4435 Cognitive Psychology
PSYC 4436 Perception
PSYC 4438 Biopsychology
PSYC 4440 Psychometrics
Two capstone courses that may be repeated with different content from the following (6 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>PSYC 4381</td>
<td>Research in Personality Psychology</td>
</tr>
<tr>
<td>PSYC 4382</td>
<td>Research in Social Psychology</td>
</tr>
<tr>
<td>PSYC 4383</td>
<td>Research in Industrial/Organizational Psychology</td>
</tr>
<tr>
<td>PSYC 4384</td>
<td>Research in Cognitive Psychology</td>
</tr>
<tr>
<td>PSYC 4385</td>
<td>Research in Developmental Psychology</td>
</tr>
<tr>
<td>PSYC 4391</td>
<td>Internship in Psychology</td>
</tr>
</tbody>
</table>

Choose two additional psychology courses from departmental offerings (6 credit hours)

Majors should complete PSYC 1332 and PSYC 3433 in their freshman year and PSYC 3434, 3338 and 3138 in their sophomore year. Transfer students should enroll in PSYC 1332 and PSYC 3433 during their first semester.

**JOINT MAJOR**

Students interested in completing a joint major with another discipline must complete all requirements for a psychology major except for 6 credit hours of electives. Joint majors have been established with a number of disciplines. If interested, contact your faculty advisor. Examples include PSYC/COMM; PSYC/CS; PSYC/PHIL; PSYC/SPAN; PSYC/THEO

**MINOR IN PSYCHOLOGY**

Psychology minor requirements: 18 credit hours

Psychology (3 credit hours):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1332</td>
<td>General Psychology</td>
</tr>
</tbody>
</table>

Choose 5 additional psychology courses from departmental offerings (15 credit hours)

*Evening and Saturday Offerings in Psychology: At least one upper-division course is offered at night each fall and spring. However, students will not be able to complete a degree in psychology by enrolling only in evening courses.*

**COURSES**

Courses identified by an asterisk (*) are suitable for non-majors.

**1332- General Psychology**

An introduction to the basic processes and principles of human behavior. Methods and findings which characterize scientific psychology, including historical and recent developments in the following areas, will be covered: motivation; perceptual, cognitive, and physiological processes; and social, personality, and abnormal processes.

**NOTE:** General Psychology is a minimum prerequisite for all other psychology courses. Students may enroll simultaneously in General Psychology and PSYC 3433.

**2332- Child Psychology**

A study of the physical, psychological and social development of the child up to approximately age 13. Motor, perceptual, cognitive, emotional, and social functioning are reviewed with emphasis on biological, environmental, and cultural factors.
3138- Experimental Psychology Laboratory
Focuses on applied research methodology, data collection, and report writing. 

*3337- Abnormal Psychology
A study of past and present conceptions of abnormality, the dynamics underlying normal and abnormal behavior and an examination of the key classification systems utilized in understanding abnormal behavior. Issues related to etiology, the nature of development, and symptoms of abnormal behavior are reviewed.

3338- Experimental Psychology
An introductory course in research methodology and its application to psychological domains. Research design, measurement, data collection, analysis and write-up will be covered. Prerequisites: Psychology 3433 and 3434; Corequisite: PSYC 3138.

*3339- Human Growth and Development (SPED 3339)
Explores general processes of development: physical, cultural, interpersonal, emotional and the interrelationships among these processes across the lifespan.

*3341- Theories of Personality
Consists of the study and evaluation of theories of personality. Psychoanalytic, behavioral, existential and humanistic theories will be studied. Emphasis is placed on the structure and dynamics of human behavior and empirical findings related to theories.

*3351- Industrial/Organizational Psychology
Explores the psychology of organizations, with applications in business and industry, and is rooted in research methodology and theories of scientific psychology. Topics include the nature, design, and development of organizations; personnel psychology, with an emphasis on psychological testing, motivation, decision-making, leadership, and conflict within the organization.

*3352- Health Psychology
The course is designed to introduce the students to the growing field of health psychology. Students will learn how to apply psychological theories and techniques to research on how factors influence health and how psychosocial interventions can improve physical health and/or increase the quality of life.

*3433- Foundations of Statistical Analysis
An introduction to the use of descriptive statistics, exploratory analyses, probabilities, prediction, and model-fitting, this course will provide opportunities for the use of SPSS for statistical analysis, the interpretation of published empirical studies, and the interpretation and reporting of statistical results.

3434- Inferential Statistics
An introduction to the use of inferential statistics, including univariate and multivariate data analyses. This course will provide opportunities for the use of SPSS for statistical analysis, the interpretation of published empirical studies and the interpretation and reporting of statistical results. Prerequisite: PSYC 3433.
4191, 4291, 4391, 4491, 4591, 4691- Internship in Psychology
A one-semester internship related to the student’s special interest and preparation in undergraduate psychology with academic and field supervision. Seniors in good academic standing may apply. Prerequisites: senior status and screening by psychology faculty committee.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Psychology
Entails extensive reading of scholarly sources to enable majors to secure specialized, individual instruction. The course involves a major paper or project. Prerequisites: a minimum of 18 credit hours of psychology. Permission of the faculty member required.

*4193, 4293, 4393, 4493- Special Topics in Psychology
Topics will be selected on the basis of current issues in contemporary psychology and on the basis of faculty research and scholarly interests. Topics will be announced on the UST website. Recent topics include Psychology of Women, Psychology of Religion, Cultural Intelligence, and Psychology of Creativity.

4332- History and Systems of Psychology
A study of the development of psychological thinking and theory, with an emphasis on historical sources and the systematic evolution of contemporary psychology. Prerequisites: 12 credit hours of psychology are recommended.

*4337- Counseling and Psychotherapy
An introduction to the theory and practice of counseling and psychotherapy, including psychoanalysis, ego therapies, behavior therapy, family therapy and humanistic/existential therapy. Prerequisite: PSYC 3337 or 3341 is strongly recommended.

*4342- Psychology of the Adolescent
The study of the physical, psychological, and social development of the adolescent, from approximately age 13 to young adulthood. Course includes family and peer influences on development; self and identity development; adolescent psychopathology, sexuality and cognition; schools and workplaces as contexts for socialization.

4381- Research in Personality Psychology
An introduction to research principles and practices related to personality and social-emotional functioning. While working in groups, students will collect empirical data in the community, analyze data using SPSS, and report their results orally and in writing. Prerequisites: PSYC 3338/3138, 3433, and 3434, or permission of the faculty member.

4382- Research in Social Psychology
Students will participate in the design and completion of a group research project. Formal lectures will be included. May be repeated once with different experience. Prerequisites: PSYC 3338/3138, 3433, 3434 and 4434, or permission of the faculty member.
4383- Research in Industrial/Organizational Psychology
Current topics in Industrial/Organizational psychology are addressed through journal review, field research, survey research, and/or program design. The course is designed as a collaborative research effort between students and the faculty member. May be repeated once with different focus. Prerequisites: PSYC 3338/3138, 3351, 3433, and 3434, or permission of the faculty member.

4384- Research in Cognitive Psychology
Laboratory or field-based course that provides hands-on research experiences in cognitive psychology. May be repeated once with different experience. Prerequisites: PSYC 3338/3138, 3433, 3434, or permission of the faculty member.

4385- Research in Developmental Psychology
Designed to involve students directly in developmental research, primarily observational research design, data collection and analysis. Formal writing of the portion of the research with which students were involved is required. May be repeated once with different experience. Prerequisites: PSYC 3338/3138, 3433, 3434, and one developmental course (PSYC 2332, 3339, or 4342), or permission of the faculty member.

4434- Experimental Social Psychology
This course studies knowledge related to the experience and behavior of individuals in interaction with one another in sociocultural settings. Laboratory activities provide hands-on experience in related research. Prerequisites: PSYC 3433.

4435- Cognitive Psychology
An introduction to research, theory and applications of memory, thinking, language, reasoning, decision-making, problem-solving, and creativity. Laboratory activities provide hands-on experience in related research. Prerequisites: PSYC 3433.

4436- Perception
A survey of research, theory and applications of perceptual experiences and their underlying sensory processes. The course examines sensory/perceptual disorders and unusual perceptual performances. Laboratory activities provide hands-on experiences in related research. Prerequisites: PSYC 3433.

4438- Biopsychology
Reviews brain structure and function and surveys the role of the central nervous system in sensation, perception, movement, regulation of internal states, learning and memory, language, brain damage, and psychological disorders. Laboratory activities focus on brain structure and function, sensation/perception simulations, and other computer-based activities. Prerequisites: PSYC 3433.

4440- Psychometrics
This course reviews principles of psychological test construction, administration, evaluation and interpretation. Students will be exposed to measurement theory, ethical standards, reliability, validity, item analysis, and standardization. Students will be introduced to psychological testing of intelligence, personality, and psychopathology. Laboratory activities will provide hands-on experience with the measurement of a psychological construct. Prerequisites: PSYC 3338/3138, 3433 and 3434.
Russian Studies allows students with an interest in Russia to expand their knowledge of the Russian experience by completing a minor in Russian Studies or by focusing on Russia while completing a history concentration in the Master of Liberal Arts degree.

MINOR IN RUSSIAN STUDIES

The undergraduate Russian Studies Minor program draws on resources at the University of St. Thomas in existing major programs and when appropriate resources of other institutions to offer transcriptable credit for their interest in Russia. The minor is an intra-disciplinary program requiring a student to take 18 credit hours to complete the minor in the study of Russia. Students generally complete the two program core courses and at least four other approved courses selected by the student with the program advisor. The core sequence will be the two semester sequence on Russia offered in history, and the remaining 12 credits to complete the program may be selected from any of the courses approved for the individual students’ program. Some of the courses have interdisciplinary components. The courses will be offered normally on a two-year cycle and will be cross listed in most cases with the MLA program.

The core sequence is the two semester sequence on Russia offered in history, and the remaining 12 credits to complete the program may be selected from any of the courses offered in the program or approved for inclusion in a student’s program. Many of the courses have interdisciplinary components. The courses are normally offered in most cases on a two year cycle and are cross listed in most cases with the MLA program and Russian Studies, but in many cases with other programs. These courses may be taken in any sequence. Permission is required for freshmen or sophomores to take upper-division courses.

Required for Russian Studies minors (6 credit hours)

HIST 4319  Medieval and Imperial Russia
HIST 4320  Russia from Alexander II to the Present

Russian Studies electives (12 credit hours)

Choose 4 courses from the following:

INST 3358  Regional Study of Russia and Eurasian States
POSC 4393  Russian Government and Politics
HIST 1336  World Community II
HIST 3332  Europe in the Era of the Great Wars
ENGL 4393  Russian Literature

Students may take Special Topic electives (4393) such as Slavic Religion, Russia in Film, Propaganda, or other topics and independent study courses to complete the minor. They also may do a capstone project focused on Russia and in a major program that will also count for Russian Studies program credit. These are taken with specific approval of the topic by the Russian Studies Committee. Students with Russian area courses from previous study are encouraged to transfer the credits into the program. The study of Russian language is neither expected nor required for this minor. Russian language may be taken independently, but only with prior approval, at other higher education institutions.
SOCIAL JUSTICE STUDIES (JUST)

Program Director: John Francis Burke, jfburke@stthom.edu

The UST Catholic Social Justice Studies Program is an 18-hour interdisciplinary program that advances the integral humanism accented in Catholic social teaching. Courses address topics accented especially in Ex Corde Ecclesiae and the Compendium of the Social Doctrine of the Church as well as the following seven principles articulated by the U.S. Catholic Bishops:

- the life and dignity of the human person
- rights & responsibilities of the human person
- call to family, community, and participation
- dignity of work and the rights of workers
- option for the poor and vulnerable
- solidarity - distinction between charity & justice
- care for God’s creation - the environment

Specifically, the program’s curriculum:

- cultivates in students the capacity for understanding the normative frameworks that foster just relationships in family, community, national, and transnational networks;
- develops and applies ethical decision making to specific professional and policy areas;
- connects the key principle of the dignity of the human person to specific human and civil rights and conversely to types of associations which manifest just relationships;
- cultivates in students a capacity for bringing about justice as participation in political, cultural, social, and economic arenas - a capacity for the common good as understood by Thomas Aquinas.

MINOR IN CATHOLIC SOCIAL JUSTICE STUDIES

Social Justice: 18 credit hours

Social Justice minors must complete 6 credit hours of required courses and 12 credit hours of elective courses spread across four 3 hour credit categories. The program director must approve all courses selected by students.

A minimum of 9 credits have to be taken at UST.
THEO 4334, POSC 3360, & POSC 4306 must be taken at UST.
No more than 9 credit hours can be taken from a single major.
No more than 6 credit hours can be taken of directed readings and special topics courses.
PHIL 2314 should be taken as part of the UST core curriculum requirements.

The following courses are required for all social justice minors:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEO 4334</td>
<td>Social Justice and the Church</td>
</tr>
<tr>
<td>JUST/POSC 3360</td>
<td>Introduction to Justice and Peace</td>
</tr>
</tbody>
</table>
One course (3 credit hours) dealing with global political, economic, and environmental concerns from the following courses:

- INST 4364 International Law
- INST 4369 Seminar in International Development Studies
- CS 3320 Catholicism and the Social and Natural Sciences
- HIST 4393 Holocaust in History
- ENVR 4393 Environmental Policy and Law
- PSYC 4393 Environmental Psychology and Sustainability
- JUST 4392 Directed Reading / Independent Study in Social Justice
- JUST 4393 Special Topics in Social Justice

One course (3 credit hours) dealing with ethical, legal, and political concerns:

- THEO 4324 Christian Ethics and the Law
- PHIL 4350 Philosophy of Law
- PHIL 3318 Bioethics
- POSC 4301 Western Political Theory: Plato to Machiavelli
- POSC 4303 American Political Theory
- YMS 9329 Biblical Foundations of Social Justice
- JUST 4392 Directed Reading / Independent Study in Social Justice
- JUST 4393 Special Topics in Social Justice

One course (3 credit hours) dealing with psychological, sociological, and cultural concerns:

- PSYC 2332 Child Psychology
- POSC 4342 Psych. of the Adolescent
- MGMT 4393 Spirituality in the Workplace
- POSC 3363 U.S. Latino Politics
- POSC 3366 Mestizaje & Multiculturalism
- POSC 4305 Religion and Politics
- JUST 4392 Dir. Reading / Independent Study in Social Justice
- JUST 4393 Special Topics in Social Justice

One course (3 credit hours) from the following capstone courses:

- JUST/CS 4391 Social Justice Internship
- JUST/POSC 4306 Catholic Political and Social Thought
- JUST 4399 Senior Research in Social Justice
- YLSM/YMM/YSM 8301 Justice: Individual and Social

COURSES

3360 - Introduction to Justice and Peace Studies (POSC 3360)

A basic overview of justice and peace studies based on the seven main principles of Catholic Social Teaching. Among the topics that will be reviewed in conjunction with these principles are the dignity of the human person, community-building, human rights, economic development, culture, class, and gender concerns, conflict resolution, and care for the environment.

4306 - Catholic Political and Social Thought (POSC 4306)

An examination of Papal encyclical documents, Vatican II documents, and pastoral letters of the U.S. Bishops in regard to both perennial and emerging political and social issues. The contribution of contemporary Catholic scholars, especially in the United States, to this rich heritage of teachings will also be highlighted.
4391- Social Justice Internship (CS 4391)
A practical experience with a community organization dealing with social justice issues. The program director (either JUST or CS) and a field supervisor will coordinate and evaluate the internship. Periodically, throughout the semester, interns in this program will meet to discuss how their internships relate to Catholic Social Teaching.

4392-Directed Reading / Independent Study in Social Justice
Student research on a selected issue in social justice guided by the program director.

4393- Special Topics in Social Justice
Upper-division treatment of selected topics of mutual interest to social justice faculty and students.

4399- Senior Research in Social Justice
Research-based project open to social justice minors. Project topic to be approved and supervised by the program director according to standards and guidelines available from the program chair.

SOCILOGY (SOCI)

Contact: Jon R. Taylor, taylorj@stthom.edu

Sociology courses give students a basic understanding of society, its institutions and the various groups that make up the social system. The study of sociology adds an extraordinarily important dimension to a liberal arts education. Courses satisfy core curriculum requirements in the social sciences and are excellent elective choices.

COURSES

1331- Principles of Sociology
The study of people in interdependence. Identification of social groups and observation of their structures, functions, interactions and coordination. Particular emphasis on the social processes and the development of group values and attitudes.

1332- Problems in Contemporary Society
A sociological analysis of the sources, development and treatment of problems in modern society. Content of semester includes class lectures, collateral readings, individual reports, speakers. An oral presentation is required of all students.

2333- Cultural Anthropology
An introduction to cultural anthropology that presents anthropological approaches to the understanding of human behavior. Discussion will center on the concept of culture, recurrent behavioral patterns and the wide variation in behavior found in different cultures.

3301- Mexican Culture (BIED 3301)
An introduction to various aspects of Mexican culture and, by extension, Hispanic culture in general. Through literature, audio-visual presentations, lectures, visits to archaeological sites and the experience of urban living in Mexico, the students receive an overview of Mexican life and civilization. Students spend two weeks are spent on the University campus and four weeks in Mérida.
3355- Intercultural Issues (INST 3355)
A survey of world cultures, the factors distinguishing them from one another and
the impact that cultural differences have on international relations. Special
emphasis is placed on current cultural issues of major concern to the international
community.

4191, 4291, 4391, 4491, 4591, 4691- Internship in Sociology
Practicum or on-the-job experience under the guidance of practicing specialists in
the field. To be supervised individually by a department faculty member with the
approval of the chair.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Sociology
Student research on a selected problem in the field under the guidance of an
assigned member of the faculty. Prerequisite: upper-division status.

SPANISH

MODERN AND CLASSICAL LANGUAGES DEPARTMENT

Program Chair: Elizabeth Coscio, coscioe@stthom.edu

Spanish language studies offer a complete program of literature, culture and
application of language skills to prepare students for many career paths, with major,
minor and joint major tracks. The major track prepares the student for further studies
as well as for teaching and other career choices. Student options in Spanish include a
two-track major, joint majors, certifications, and a minor. Majors in the traditional
track, Spanish for Literary and Cultural Studies, are prepared to teach and to undertake
graduate studies and research in the language. Majors in the applied track, Spanish for
Practical Applications, are prepared to use the language in various linked careers and
translation. The program incorporates and strongly recommends Spanish studies in a
Spanish speaking country.

MAJOR IN SPANISH

The Spanish major consists of a minimum of 30 credit hours of Spanish courses at the
3000-4000 levels, either on campus or in study abroad as approved by the program
chair. No course grade lower than “C” counts toward a major. The achievement of
majors is assessed by requiring each major to prepare an exit portfolio of work
undertaken in 3000 and 4000-level classes. It must be submitted in the last semester of
course work. In this last semester, graduating majors are also required to prepare make
oral presentations in Spanish before the MACL faculty and interested students at the
Research Symposium.

Prerequisites courses for the Spanish major:
The following classes must be completed before beginning a Spanish major,
unless testing indicates placement beyond these prerequisite courses.
SPAN 1331 – Elementary Spanish I
SPAN 1332 – Elementary Spanish II
SPAN 2331 – Intermediate Spanish I
SPAN 2332 – Intermediate Spanish II
Required courses for the Spanish major (27 credit hours)
Choose from the Traditional Track or the Practical Applications Track:

Traditional Track
SPAN 3324 – Spanish Phonology and Phonetics
SPAN 3337 – Grammar and Guided Composition
SPAN 3338 – Intro to Research and Literary Analysis
SPAN 4331 – Survey of Spanish American Literature
SPAN 4333 – Survey of Spanish Literature I
SPAN 4334 – Survey of Spanish Literature II
SPAN 4371 – Spanish Culture
SPAN 4372 – Spanish American Culture
Choose one course from the following
SPAN 3335 – Advanced Oral Communication I
SPAN 3336 – Advanced Oral Communication II
SPAN 3350 – Advanced Oral Communication (Study Abroad)

OR

Practical Applications Track
SPAN 3324 – Phonology and Phonetics
SPAN 3337 – Grammar and Guided Composition
SPAN 3340 – Translation I
SPAN 4340 – Translation II
SPAN 4391 – Internship in Spanish
Choose one course from the following:
SPAN 3335 – Advanced Oral Communication I
SPAN 3336 – Advanced Oral Communication II
SPAN 3350 – Advanced Oral Comm. (Mérida)
Choose one course from the following:
SPAN 4371 – Spanish Culture
SPAN 4372 – Spanish American Culture
Choose a pair (two courses) from the following:
3331 International Commerce I
4332 International Commerce II
OR
3341 Medical Professions I
4342 Medical Professions II
OR
3343 Print/Electronic Journalism
3348 Broadcast Journalism

Traditional and Practical Applications Tracks (3 credit hours)
Choose one course from the following:
SPAN 3360 – Literature of the Mexican Revolution
SPAN 3361 – 20th Century Hispanic Literature
SPAN 3362 – Hispanic Theatre
SPAN 3363 – Masterworks of Mexican Literature
SPAN 4335 – Hispanic Writers in the US
SPAN 4336 – Hispanic Women
SPAN 4337 – Spanish Linguistics
SPAN 4338 – Origins & Evolution of the Spanish Language
SPAN 4339 – Creative Writing
SPAN 4363 – Hispanic Cinema
SPAN 4392 – Directed Reading/Independent Study
SPAN 4393 – Special Topics in Spanish
JOINT MAJORS

Joint majors are available with Catholic Studies, Communication, International Studies, Mathematics, French (Romance Languages), Music, Psychology, and Romance with International Studies. Consult department chair for information.

INTERNATIONAL BUSINESS (SIB), BILINGUAL JOURNALISM (SBJ) AND MEDICAL PROFESSIONS (SMP)

A certification in Spanish for International Business (SIB), Spanish for Bilingual Journalism (SBJ) or Spanish for Medical Professions (SMP) requires completion of 21 credit hours of Spanish courses, 15 of which must be 3000 and 4000 levels, either on campus or in the Study Abroad Program. No more than 6 credit hours may be at 1000 and 2000 levels, and 12 credit hours must be taken at the University.

The following courses are required for any certification, 21 credit hours:

SPAN/BIED 3337 Grammar and Guided Composition

One course (3 credit hours) from the following:

SPAN 4371 Spanish Culture
SPAN 4372 Hispanic American Culture
SOCI/BIED 3301 Mexican Culture (Study Abroad Program)

Two courses (6 credit hours) from the following pairs:

SPAN 3331 International Business I and
SPAN 4332 International Business II
or
SPAN 3341 Medical Professions I and
SPAN 4342 Medical Professions II
or
SPAN 3343 Print Media and
SPAN 3348 Broadcast Media

One course (3 credit hours) from the following:

SPAN 4391 Internship in Spanish
SPAN 3350 Advanced Conversation (Mérida Program)

6 additional credit hours of Spanish courses with approval of advisor or department chair.

The achievement of certification students in Spanish is assessed. Spanish for International Business students take the Madrid Chamber of Business exam. Each graduating certification student in Spanish for Bilingual Journalism or Medical Professions is required to make an oral presentation in Spanish to Spanish faculty and interested students. The presentation will be a topic chosen from one or more of the upper-division applied Spanish courses. Both assessments take place during the student’s last semester of course work.

MINOR IN SPANISH

A minor in Spanish consists of completion of at least 18 credit hours, of which no more than 6 may be 1000 or 2000 levels, and of which the last 9 must be taken at the University.
COURSES

All students are required to present written proof of placement evaluation done through the UST MILAB and, if needed, to consult with a Spanish advisor before enrolling in their first on-campus Spanish course. First and second year courses are closed to native speakers. Students who have completed the first two years of Spanish or equivalent and acquired at least intermediate fluency may take the upper-division courses (3000 and 4000 levels) in no predetermined order, although counseling by the department is highly encouraged.

1331, 1332- Elementary Spanish I and II
The fundamentals of comprehension, speaking, reading and writing in Spanish with emphasis on pronunciation and oral expression. Designed for the non-heritage student. The Language Laboratory is an integral part of SPAN 1331 and 1332, requiring additional time each week outside class. Students who have a non-native-speaking knowledge of Spanish will not be allowed to register for these courses.

1335- Review of Basic Spanish Skills
One-semester refresher course in all the basic skills for students who have at least two years of formal Spanish instruction but, due to performance or timing, are not true beginners or sufficiently prepared for an intermediate class. After successfully completing this class, students can enter SPAN 2331. This course is not open to students with credit in SPAN 1331 or 1332.

2331, 2332- Intermediate Spanish I and II
Further development of comprehension, speaking, reading and writing skills. Integration of grammar and cultural content. Designed for the non-heritage student.

2333, 2334- Intermediate Spanish for the Heritage Speakers
Review of the basic elements of language; builds vocabulary and comprehension, and develops both oral and written expression, all in cultural context. Designed for heritage speakers.

2350- Intermediate Oral Communication
A conversational approach to language. Further development of basic Spanish grammar, vocabulary and phrases, particularly applicable to everyday situations. Designed for the non-native student. Offered in Study Abroad only.

3324- Spanish Phonology and Phonetics
An analysis of the Spanish phonological and phonetic. Intensive instruction in pronunciation and written transcriptions.

3331- International Business I
Provides the student with the specific vocabulary, structure and cultural insight in order to effectively deal with the growing Spanish-speaking component of U.S. or international Business.

3335, 3336, 3350- Advanced Oral Communication (BIED 3335, 3336, 3350)
Designed to develop fluency in speaking Spanish in the non-native speaker. Lively discussion of current news published in Hispanic newspapers and magazines and comparison of themes in modern society. 3350 is offered in the Study Abroad Program only.
3337- Grammar and Guided Composition (BIED 3337)
Emphasis on composition practice, including grammar usage and style. Structural analysis of Spanish grammar. A comparative study of English and Spanish; points of departure and similarities. Appropriate for students of all aspects of language, including translation, bilingual education and target-language teaching.

3338- Introduction to Research and Literary Analysis
Written and oral analysis of various Hispanic texts. The student will also receive guidance in doing research, preparing bibliographies and producing original papers.

3340- Translation I
Provides the student with the specific vocabulary, structure and cultural insight to effectively interpret the message intended in translating Spanish/English or English/Spanish. The course emphasizes the translation of the underlying message and its implications based upon cultural context.

3341- Medical Professions I
Provides the student with the specific vocabulary, structure and cultural insight to effectively deal with the growing Spanish-speaking component of the U.S. or international medical scene. The course emphasizes interaction between the health professional and the Spanish-speaking patient/client as well as access to Spanish-language medical sources.

3343- Print Media
Provides the directed student with the specific vocabulary, structure and cultural insight to effectively deal with the growing Spanish-speaking component of the U.S. or international print media scene. While incorporating the necessary grammar and vocabulary, the course emphasizes cultural interaction and journalistic practices in the Spanish-language media as well as access to Spanish-language media professionals and sources.

3348- Broadcast Media
Provides the directed student with the specific vocabulary, structure and cultural insight to effectively deal with the growing Spanish-speaking component of the U.S. or international broadcast media scene. While incorporating the necessary grammar and vocabulary, the course emphasizes cultural interaction and journalistic practices in the Spanish-language media as well as access to Spanish-language media professionals and sources.

3360- Literature of the Mexican Revolution (BIED 3360)
An introduction to the novels, theater, newspaper articles and poetry of the era of the 1910 Revolution and later; an overview of the Mexican nation and character in the 20th century.

3361- Modern Hispanic Literature
An introduction to the great modern writers of Spain and Latin America; a study of theater, poetry, short stories, novels and essays from Jacinto Benavente to Gabriel Garcia Marquez.

3362- Hispanic Theater Workshop
Readings and study of contemporary Hispanic theater and in-depth experience of theory and practice in same.
3363- Masterworks of Mexican Literature
    An overview of six major Mexican writers from Sor Juana Inés de la Cruz to Carlos Fuentes; a comparison of styles, viewpoints and themes.

4331- Survey of Spanish-American Literature
    An overview of Spanish-American literature from the Spanish conquest to the 20th century.

4332- International Business II
    Continues with and builds upon International Business I objectives. Focuses on the business content of specific areas of business: legal aspects, import/export, insurance and economics. Offers insights into professional training and social expectations for the business professional in the Hispanic world.

4333- Survey of Spanish Literature I
    The main works of Spanish literature from Mio Cid to the end of the 17th century.

4334- Survey of Spanish Literature II
    The main works of Spanish literature from the 18th century to the present.

4335- Hispanic Writers in the U.S. (BIED 4365)
    Taught in Spanish and/or code-switched Spanish and English, this course offers unique insights into literature from perspectives within and across cultural and linguistic boundaries. May address the problematics of immigration, acculturation, translation and other social and linguistic concepts. Original language, specific content and theme vary.

4336- Hispanic Women
    Encourages the development in students of enhanced gender and ethnic consciousness of the Hispanic world. The student will develop a familiarity with, an appreciation for, and an ability to interpret and evaluate Hispanic literature and studio art by women, keeping gender and ethnic consciousness in mind.

4337- Spanish Linguistics
    A survey of Spanish phonology, word categories and syntax, with a discussion of the distinguishing variants encountered throughout the Spanish-America.

4338- Origins and Evolution of the Spanish Language
    A study of the origins of the Spanish language and its evolution into modern Spanish. Samples of literary texts in Old Spanish.

4339- Creative Writing
    Designed for students who wish to practice writing fiction. Students will explore what makes a short story, a play, a poem work, paying close attention to narrative structure, plot, beginnings/endings, character development, theme, etc. Short stories, one-act plays, poems and images provide a point of departure for discussion. Emphasis on discussion of students’ writing. Limited enrollment. Permission of the faculty member.
4340- Translation II  
Continues with Translation I objectives of specific vocabulary, structure, and cultural insight for effective interpretation of the messages intended. Emphasizes figurative language, culture-specific references and conventional knowledge as well as situational and profession-specific language usage.

4342- Medical Professions II  
Continues with and builds upon Medical Spanish I objectives. Emphasizes medical specialties in research and treatment such as pediatrics, obstetrics, psychiatry, surgery, etc. Offers insights into professional training and social expectations for the medical professional in the Hispanic world.

4363- Hispanic Cinema  
Study of major Spanish and Latin American films in their socio-political, historical and aesthetic contexts. Prerequisite: SPAN 3335 or 3336 or 3337 or permission of the faculty member.

4371- Spanish Culture  
Study of history, sociopolitical events, art, literature and customs of Spain. Provides the students with the specific cultural insight to deal effectively with the growing Spanish-speaking component of the U.S. or international scene.

4372- Hispanic American Culture  
Study of history, sociopolitical events, art, literature and customs of the Spanish American countries and the growing Latino population in the U.S. or international scene.

419l, 429l, 439l- Internship in Spanish  
A one-semester volunteer work experience with an organization that works with Spanish-speakers in some context.

4192, 4292, 4392- Directed Reading/Independent Study in Spanish  
Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. Prerequisite: permission of program chair.

4193, 4293, 4393- Special Topics in Spanish  
Upper-division treatment of selected topics of mutual interest to the faculty member and students. Prerequisite: permission of program chair.

STUDIO ARTS

FINE ARTS & DRAMA DEPARTMENT

THE GLASSELL SCHOOL OF ART

Studio Art Program Chair at The Glassell School of Art:  
Suzanne Manns, smanns@mfah.org  
University of St. Thomas Contact: Claire M. McDonald, mcdonald@stthom.edu

The Studio Arts Program is offered through The Glassell School of Art, Museum of Fine Arts, Houston. It provides the student with an extensive background in theory, aesthetics, and practice in the visual arts. In collaboration with the required art history
program at UST, this development occurs within a Catholic perspective incorporating aspects of global art history from the classic to the contemporary working world. Additionally, the studio arts program provides every student with the opportunity for creative exploration and expression in a variety of media.

The program offers the student a choice of curriculums culminating in either a Bachelor of Arts (BA) degree in Studio Arts or a dual Bachelor of Arts / Bachelor of Fine Arts (BA/BFA) degree in Studio Arts.

Students desiring to declare a major in studio arts must first complete the four fundamentals (1000 level) courses and undergo a portfolio review before admittance to the major can be considered. In the event that a portfolio is rated unsatisfactory, the student still has the option to declare the liberal arts major with a secondary concentration in studio arts or a minor in studio arts.

All students (first time and transfer) desiring advanced placement in studio arts must prepare a portfolio of eight to ten original works (actual work is preferred to slides or photographic reproductions) in any media and present it for review to the studio program chair at the Glassell School of Art. This process allows for correct placement and provides students and our program with the best possible indication of future success in the program.

Transfer students should be especially mindful that a minimum of six semesters is required to complete the BA studio arts major sequence in a single medium. Additionally, not all studio arts credits transferred to the University will meet the standards of our program and may not be applicable to the major. Conversely, transfer credits accepted by the program can reduce the number of semesters required to complete the major. The quality of the portfolio submitted will be a determining factor.

After completing the four fundamental prerequisites, BA candidates proceed to the beginning-level courses that introduce technical and conceptual ideas essential to a studio arts practice. Upper-division students focus on one of the concentrations of ceramics, jewelry, multi-media, painting, photography, printmaking or sculpture. All majors will develop a portfolio of work.

BA/BFA candidates will follow the same curriculum as BA candidates for the first two years. After admission to the program by portfolio review, the dual degree student begins a three year course of study which is a unique blend of studio art and academic studies. The liberal arts coursework combines with an additional year of intense studio experience to prepare artists to write clearly, think critically and deepen their understanding of their studio practice. The BA/BFA curriculum provides the student the necessary concentration in a chosen discipline required by graduate level programs. Only courses taken at the Glassell School of Art through the University of St. Thomas are eligible for college credits. Coursework taken directly through the Glassell School of Art is NOT transferable for credit to the University.

Appointments for portfolio reviews must be made in advance. Please call 713-639-7793 or email smanns@mfah.org
BA MAJOR IN STUDIO ARTS

Studio Arts: 42 credit hours:
ARTS 1301 Drawing Fundamentals I
ARTS 1302 Drawing Fundamentals II
ARTS 1303 2-D Design
ARTS 1304 3-D Design
ARTS 2306 Color Theory
ARTS 3394 Studio Critique
ARTS 4393 Professional Practices Seminar

6 credit hours upper-division Art History

6 credit hours lower-division Studio Arts prerequisite courses in chosen concentration

9 credit hours upper-division Studio Arts in chosen concentration

Bachelor of Arts: Studio Arts Major
Sample Curriculum: 126 credit hours

First Year Courses
Fall Semester: 15 credit hours
ENGL 1341
THEO 1300
MATH 1351 or higher
ARTS 1301 Drawing Fundamentals I
ARTS 1302 2-D Design

Spring Semester: 15 credit hours
ENGL 1342
PHIL 1311 or 1315
COMM 1331 or 2332
ARTS 1302 Drawing Fundamentals II
ARTS 1304 3-D Design

Second Year Courses
Fall Semester: 16 credit hours
ENGL 2312
THEO 2300
SOCI SCI
NAT SCI+ Lab
BEG I Select Studio Concentration

Spring Semester: 16 credit hours
ENGL - UD Not 3312
PHIL 2314 or 2316
SOCI SCI
NAT. SCI + Lab
ARTS BEG II Studio Concentration

Third Year Courses
Fall Semester: 18 credit hours
THEO any 3000 or 4000 level course
FOR LANG first semester in a sequence
HIST American or World
ARTHS any 3000 or 4000 level course
ARTS INT I Studio Concentration
ARTS 2306 Color Theory

Spring Semester: 16 credit hours
PHIL 3313 or 3317
FOR LANG second Semester in a sequence
ARTHS any 3000-4000 level course
ARTS INT II Studio Concentration
HIST American or World
ELECTIVE (1 hour)

Fourth Year Courses
Fall Semester: 15 credit hours
THEO/PHIL any 3000 or 4000 level course
ARTS ADV I Studio Concentration
ARTS 3394 Studio Critique
ELECTIVE

Spring Semester: 15 credit hours
THEO/PHIL any 3000 or 4000 Level course
ARTS ADV II Studio
ARTS 4393 Professional Practices Seminar
ELECTIVE

BA/BFA MAJOR IN STUDIO ARTS

Studio Arts/Art History: 99 credit hours

Studio Arts: 84 credit hours
42 credit hours: All requirements for the BA major
6 credit hours life drawing ARTS 2310/2311
6 credit hours 2D ARTS electives (not concentration)
6 credit hours 3D electives (not concentration)
STUDIO ARTS 237

6 credit hours studio critique ARTS 4395/4396
6 credit hours senior project ARTS 4698/4699
12 credit hours ARTS electives
Art History: 15 credit hours
ARTHS 2315/2352 Survey of Art I & II
6 credit hours modern/contemporary ARTHS
3 credit hours upper division ARTHS electives

Bachelor of ARTS/Bachelor of Fine Arts; Studio Arts Major
Sample Curriculum: 167 credit hours

First Year Courses
*Fall Semester: 15 credit hours*
- ENGL 1341
- THEO 1300
- MATH 1351
- ARTS 1301 Drawing Fundamentals I
- ARTS 1302 2-D Design

*Spring Semester: 15 credit hours*
- ENGL 1342
- PHIL 1311 or 1315
- COMM 1331 or 2332
- ARTS 1302 Drawing Fundamentals II
- ARTS 1304 3-D Design

Second Year Courses
*Fall Semester: 16 credit hours*
- ENGL 2312
- THEO 2300
- SOCI SCI
- NAT SCI+ Lab
- ARTS BEG I Select Studio Concentration

*Spring Semester: 16 credit hours*
- ENGL - UD Not 3312
- PHIL 2314 or 2316
- SOCI SCI
- NAT. SCI + Lab
- ARTS BEG II Studio Concentration

Third Year Courses
*Fall Semester: 18 credit hours*
- THEO any 3000 or 4000 level course
- FOR LANG first semester in a sequence
- ARTHS 2351 Survey of Art I
- ARTS INT I Studio Concentration
- ARTS 2306 Color Theory
- RTS 2310 Life Drawing I

*Spring Semester: 1 credit hours*
- PHIL 3313 or 3317
- FOR LANG second Semester in a sequence
- ARTHS 2352 Survey of Art II
- ARTS INT II Studio Concentration
- ARTS 2311 Life Drawing II
- ARTS ELECTIVE 2-D not concentration

Fourth Year Courses
*Fall Semester: 18 credit hours*
- THEO/PHIL any 3000 or 4000- level course
- HIST American or World
- ARTHS Modern/Contemporary Art History
- ARTS ADV II Studio Concentration
- ARTS 4395 Studio Critique
- ARTS ELECTIVE 3-D not concentration

*Spring Semester: 18 credit hours*
- THEO/PHIL
- HIST American or World
- ARTHS Contemporary Art History
- ARTS ADV II Studio Concentration
- ARTS ELECTIVE 2-D not concentration
- ARTS ELECTIVE 3-D not concentration

Fifth Year Courses
*Fall Semester: 18 credit hours*
- ARTHS UD ELECTIVE
- ARTS 4698 Senior Project
- ARTS 4396 Studio Critique
- ARTS ELECTIVE
- ARTS ELECTIVE

*Spring Semester: 15 credit hours*
- ARTS 4699 Senior Project
- ARTS 4393 Professional Practices Seminar
- ARTS ELECTIVE
- ARTS ELECTIVE

26 courses (84 credit hours at the Glassell School of Art) and 27 courses (83 credit hours at UST)
MINOR IN STUDIO ARTS

Studio Arts: 24 credit hours:
ARTS 1301 Drawing Fundamentals I
ARTS 1302 Drawing Fundamentals II

One course (3 credit hours) from the following:
ARTS 1303 2-D Design
ARTS 1304 3-D Design

6 credit hours lower-division Studio Arts prerequisite courses in chosen concentration
9 credit hours upper-division Studio Arts in chosen concentration

All students wishing to enroll in UST courses at the Glassell School of Art, Museum of Fine Arts, Houston, should read the special information in each course bulletin very carefully. The semester calendar for the Glassell School of Art varies slightly from the main campus calendar.

Evening Offerings in Studio Arts: Many evening courses are offered in the fall, spring and summer.

COURSES

1301- Drawing Fundamentals I
Students learn to transpose 3-D objects into 2-D equivalents. While studying the relationships of planes and evaluating proportions, students develop eye, hand and perceptual skills in order to translate these observations to paper. The goals involve the exploration of different representational techniques in black-and-white media and the development of visual awareness and discrimination.

1302- Drawing Fundamentals II
Students continue to develop visual and technical skills in various black- and-white media. Color drawing materials are introduced and utilized by applying basic color theory to the drawing process. To create more involved drawings, a wider and more complex range of subject matter is explored, including still life, the figure and landscapes. Prerequisite: ARTS 1301.

1303- 2-D Design
Students are introduced to the basic elements specific to working in 2-D. Simply executed problems are directed to help students organize and understand formal issues such as pattern and rhythm as well as the effects of line, shape, value, texture and color on a flat surface. A variety of materials, including colored paper, glue, markers, and paint, is employed to facilitate rapid solutions.

1304- 3-D Design
How do you make decisions about form? How do color, scale, mass, line, plane, texture and balance affect the way you see form? How do you apply elements of design to different materials? How can you express emotions, attitudes and ideas with form? The answers to these questions are explored in the context of three-dimensional forms along with the practical application of the elements of design.

1305- Basic Photography
This course is a practical introduction to black-and-white photography. Emphasis is on becoming competent with a 35mm camera, shooting and processing film as well as printing and developing photographs.
PREREQUISITES:

Drawing Fundamentals I and 2-D Design are prerequisites for the following courses:
- Life Drawing (all classes)
- Intermediate/Advanced Drawing
- Painting (all classes)
- Watercolor (all classes)
- Printmaking (all classes)
- Color and 2-D Specialty classes

Drawing Fundamentals I is a prerequisite, and 3-D Design is strongly recommended for the following courses:
- Sculpture (all classes)
- Ceramics (all classes)
- Jewelry (all classes)
- 3-D Specialty classes

2301/2302 – Beginning Printmaking: Monoprint
These courses are recommended as an introduction to the principles and concepts of monoprinting. Monoprinting utilizes a variety of techniques for making unique prints from easily manipulated materials. It includes traditional painting and drawing approaches as well as new technologies that are rewarding for painters or sculptors working from any stylistic approach. Safer products and processes are demonstrated, including printing from photocopies and photosensitive polymers requiring no harmful chemicals. Students work with both black and colored inks. No previous printmaking experience is required. Enrollment is limited.

2303 / 2304 – Beginning Printmaking
Beginning students participate in each of the basic printmaking techniques, including etching, collagraph, lithography, and relief, while engaging in a historical study of the development of printmaking. Both individual and group critiques are part of the class format.

2305 / 2308 – Beginning Photography
Students in this course refine black-and-white processing, printing, and conceptual skills. Emphasis is placed on becoming more confident and comfortable with the technical aspects of exposures, processing, printing, and developing a personal viewpoint.

2306 / 2307 – Color
Projects in this class are designed to address the relativity and interaction of color in the visual arts. Emphasis is on learning by direct perception of color phenomena, with studies on juxtaposition, harmony, and quantity, executed in paint, colored papers, and nontraditional materials.

2310 / 2311 – Life Drawing
Students concentrate on representing the human figure in a variety of passive and active poses while focusing on balance, movement, proportion, volume, depth and an anatomically convincing account of the figure. Short poses teach a quick, intuitive grasp of anatomy; long poses allow for more careful analysis of the human form. In the second semester, students explore varied media and additional techniques. Students are required to attend a weekly three-hour lab on Fridays, 9:30 am - 12:30 p.m., or on Sundays, 1:00 - 4:00 p.m., providing additional time to work from the model.
2312 / 2313- Drawing and Painting the Human Head
An intensive exploration of the possibilities presented in portraiture, in which students may choose to work with a range of media: graphite, charcoal, watercolor, acrylic, or oil. Emphasis is on individual interpretation. Demonstrations, museum visits, and critiques support the course goals. Weekly three-hour labs on Friday, 9:30 a.m. - 12:30 p.m., or on Sunday, 1:00 - 4:00 p.m., provide additional time to work from the model.

2320 / 2321- Beginning Painting
These courses familiarize students with the capacity of paint, impart technical proficiency and encourage personal vision. Problems are calculated to explore the formal elements of painting as well as the nature and versatility of the medium. Studio work primarily refers to setups, and critical dialogue figures largely in the process of learning how to paint.

2330 / 2331- Beginning Sculpture
These courses familiarize students with concepts of contemporary sculpture and with a variety of sculptural media such as wood, clay and plaster. Problems are formulated to explore various aesthetic and conceptual styles and techniques. Although the course format includes slide presentations as well as individual group critiques, the focus is on working in the studio.

2362/2363 – Beginning Enameling I & II
The first semester of the course focuses on the techniques of stencil, graffito, and cloisonné , exposing the beginning student to a wide range of enameling approaches. The second semester introduces etching techniques for two projects: one on silver and one on copper, using the compleve technique. A third project includes enameling on a chased or etched surface, or basse-taille.

2340 / 2341- Beginning Ceramics
These courses provide exposure to the tools, techniques and vocabulary of clay as a design medium through lectures, demonstrations and participation. Emphasis is on problem-solving in clay as investigated through traditional hand-building and wheel-throwing techniques.

2350 / 2351- Collage and Assemblage
Focusing on collage and assemblage as a means of expression, projects include working with paper, paint, photocopy, fabric, wood and found objects and are begun in the classroom and finished independently. The class format includes viewing slides and taking field trips to stimulate discussion of multimedia artists. Students are exposed to comprehensive thinking, creativity and originality.

2360 / 2361- Beginning Jewelry
The first semester includes an in-depth approach to acquiring basic skills used in the fabrication of nonferrous metals (copper, brass, nickel, sterling, gold). The progression of techniques from sawing, riveting, soldering and bezel stone- setting to refining is combined with the development of design and aesthetic consideration. The second semester surveys a variety of casting processes, such as cuttlebone, investing, burnout and clean-up. Emphasis is on matrix selection and form/textural development. Integration of elements with other forms and processes is stressed.
2380 / 2381- Beginning Watercolor
The introductory level stresses the inherent properties of the medium. Projects begin with single objects.

2395 - Beginning Book Arts I
Participants execute one of a kind examples of both adhesive and non-adhesive bindings. Book construction techniques include concertina, pamphlet, album, and sewn signature formats with hard and soft covers. Decorative techniques include making paste papers and water-based Japanese marbling. Some materials are provided. Limited enrollment. Prerequisite: Drawing Fundamentals 1301 and 2-D Design

2396 - Beginning Book Arts II
During the second semester (2396) students refine their comprehension of the various adhesive and non-adhesive structures. Simple text and imaging possibilities are introduced. Emphasis is on design and content. Some materials are provided. Limited enrollment. Prerequisite: ARTS 2395 or permission of the instructor

3192 / 3292 / 3392 Intermediate Level Independent Study in Studio Arts
Independent studio practice at the intermediate level in a selected 2-D or 3-D medium pursued under the guidance of an assigned member of the faculty. Prerequisite: Permission of instructor

3301/3302/4301/4302 – Intermediate/Advanced Printmaking: Monoprint
At the intermediate and advanced monoprint levels, students address more complex techniques and consider content of their personal style. While building a coherent body of work, they learn to combine various processes in ways that capitalize on the possibilities inherent in the medium as they apply to the student’s rate of expression

3303 / 3304- Intermediate Printmaking
Intermediate students are exposed to a broader range of techniques and image-making possibilities in print media. Both individual and group critiques are part of the class format.

3305 / 3308 Intermediate Photography
This course emphasizes the use of photography as a vehicle for personal vision and expression, using technical, conceptual and perceptual approaches. Individual and group critiques are conducted.

3310 / 3311 / 4310 / 4311- Intermediate/Advanced Life Drawing
These courses are designed for those students who have completed at least two semesters of figure drawing and wish to continue with this wonderfully elastic imagery. The studio time is structured to include longer, more complex poses, allowing students to create drawings that are not only more fully developed but also include more advanced media control, both wet and dry. The class format includes slide lectures, gallery visits and ongoing critiques in addition to working from the model for up to six hours per week.
3316 - Intermediate Photography: Photoshop and Digital Imaging for Photographers I
This computer-based course introduces the process of digitally manipulating photographic images using Adobe Photoshop, the most complete and professional software for digital imaging. This course focuses on basic image and color enhancement; provides a proper foundation for any art practice utilizing digital-images; teaches good practices for refining digital images and show how digital media open up new possibilities of expression. Students must have access to and operating knowledge of a digital or film camera. Computer-imaging experience is helpful, but not necessary. Basic maneuvers to operate within a computer-based environment will be covered as needed. The digital lab is outfitted with a PC platform. Enrollment is limited. Prerequisite: ARTS 1305 or permission of the instructor.

3317 - Intermediate Photography: Photoshop and Digital Imaging for Photographers II
Students refines skill learned in ARTS 3316 while introducing techniques for major image manipulation and digital image construction. Emphasis is placed on broadening technical knowledge while developing personal viewpoints and departures for investigation. Critiques have greater importance and impact, as students explore not only their artistic potential within digital media, but their personal agenda in producing images. Enrollment is limited. Prerequisite: ARTS 3316

3318 Photoshop for Studio Artists I
This course shows how the Adobe Photoshop software program can aid artists working in traditional media such as painting, drawing, watercolor, sculpture and printmaking. Unlike other digital courses, this course relies on the convention of handmade objects. As a result, students do not print out images on paper, but instead create or re-create those images in traditional media. Computer experience is not required. Prerequisites: ARTS 1301; ARTS 1303 or ARTS 1304; and a working knowledge at the intermediate level (3000+) of 2–D and /or 3–D media and the permission of the instructor.

3319 Photoshop for Studio Artists II
Continuing ideas explored in ARTS 3318, this course allows students to explore digital imaging software in more depth. The assignments are again conceptual in nature and unique to the computer. Students use computers and software to conceive ideas, but the output remains traditional media such as painting, drawing, watercolor, sculpture, and printmaking. Ultimately, the goal is for students to think of the computer as a personal studio assistant, using it to enhance their personal art practice. Prerequisites: ARTS 3318 and the permission of the instructor.

3320 / 3321- Intermediate Painting
Intermediate painting presents a balance of technical and conceptual approaches in the development of painting. A wide variety of problems presented in class are individually directed. A review of fundamental procedures is considered when necessary, and emphasis is placed on individual growth and expansion.
This course series is for students who wish to explore the generative ideas underlying abstract art. Each week a new theme is introduced through slide presentation. Students work at home in any medium and bring their work weekly for discussion and critique.

In this course students learn how to match their creative ideas with the appropriate sculpture techniques. Advanced technical processes are introduced that provide the students with more ways to refine their work.

This course offers participants an opportunity to meld their creative abilities with the ceramics process. Students learn to refine ideas while studying glaze materials, glaze formulations, and the procedures of kiln loading and firing. More complex building and throwing techniques, such as repetitive and extended throwing, mold-making and the demands of large-scale construction are included.

These courses focus on a survey of casting processes, with emphasis on matrix development. Integration with other processes is stressed.

These courses explore plique-a-jour, or backless enameling; enameling on a hydraulically pressed form; and silk-screening enamels.

These courses review the concepts of composition and color, and introduce new technical approaches are introduced. Students are encouraged to develop disciplined studio practice, with personally expressive images as the goal.

Whether working in 2-D or 3-D, students must develop an understanding of the creative process. In weekly critiques through individual analysis and group discussion, students discover the forces that influence their work, learn to recognize and shape their own creative rhythms, and compare perceptual and technical options.

Students are encouraged to produce finished books while continuing to examine and refine issues of structure and content. Prerequisite: ARTS 2396 or permission of the instructor

Students work toward a further refinement of technical procedures with a focus on visual content. Both individual and group critiques are part of the class format. Prerequisite: ARTS 3396 or permission of the instructor

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the program chair.
4192 / 4292 / 4392 Advanced Level Independent Study in Studio Arts
Independent studio practice at the advanced level in a selected 2-D or 3-D medium pursued under the guidance of an assigned member of the faculty. 
Prerequisite: Permission of faculty member

4303 / 4304 - Advanced Printmaking
Advanced students work toward a further refinement of technical procedures with a focus on visual content. Both individual and group critiques are part of the class format.

4305 / 4306 - Advanced Photography
These courses emphasize photography as a vehicle for personal vision and expression, with technical, conceptual and perceptual ideas related. Individual and group critiques are conducted. Prerequisite: permission of faculty member.

4316 Advanced Photography: Digital Emphasis I
This course emphasizes, but is not limited to, the use of digital media as a vehicle for personal artistic investigation and expression. Students employ technical, conceptual, and perceptual approaches to realize individual agendas and explore their disciplines. The course structure is similar to independent study, yet includes the benefits of a classroom environment along with individual and group critiques. Students are expected to engage themselves as artists. Prerequisite: ARTS 3317 or permission of instructor

4317 Advanced Photography: Digital Emphasis II
This course further develops the work of ARTS 4316. Students are expected to engage themselves as artists. Prerequisite: ARTS 4316 or permission of instructor

4320 / 4321 - Advanced Painting
Students are encouraged to develop their own projects and personal directions in this combination of intensive, independent studio work and ongoing guidance and critique.

4333 / 4334 - Advanced Sculpture: Mixed Media
These courses include a wider variety of media, and addresses issues of format, that are tailored to particular interests. Individual and group critiques as well as slide presentations support the primary focus, which is the production of work in the studio.

4340 / 4341 - Advanced Ceramics
After consultation with the course faculty member, advanced students propose a self-directed course of study involving ceramics as a medium for visual expression. Topics discussed are the student’s goals and direction, methods of presentation, self-evaluation and critical review.

4360 / 4361 - Advanced Jewelry
This level includes a variety of fabrication techniques and form treatments, such as forging, raising, mechanisms, and graulation. Among the various projects is the concept of a container. Individual development is emphasized as concepts, content and processes are combined.
4362 / 4363 – Advanced Enameling
With an increased emphasis on design and the use of enamels for creative expression, these courses go beyond mastering technical exercises.

4380 / 4381- Advanced Watercolor
These courses develop a keener understanding of watercolor, introduce new techniques and encourage experimental approaches suitable to the current aesthetic climate. Style grows out of experience with the medium; ideally, unique temperaments, personalities, and skills will foster works of individual expression.

4393- Advanced Topics in Art
Advanced treatment of selected topics. Prerequisite: permission of the faculty member.

4396 - Advanced Book Arts I
Students work on projects designed in consultation with the instructor and executed independently. Aesthetic and technical advice is provided during individual and group critiques. Prerequisite: ARTS 3397 or permission of the instructor

4397 - Advanced Book Arts II
Students work toward a further refinement of technical procedures with a focus on visual content. Both individual and group critiques are part of the class format. Prerequisite: ARTS 4396 or permission of the instructor

4398 - Professional Practices, Preparing to Exhibit Seminar
Advanced students have an opportunity to discuss and critique the issues involved in how and when to exhibit their work, whether selecting from a body of existing images or determining the conceptual scope and media parameters of new work. This course also examines the range of choices governing installation preparation and design; documenting work; approaching gallery directors; and writing proposals, or artist’s statements. Required course for all senior BA/BFA students. Prerequisite: a working knowledge, at the advanced level, of 2-D and/or 3-D media.

4698 / 4699 Senior Project: Concept/Practice:
A tutorial seminar in which an BFA students continue a comprehensive two-semester capstone project of creative work formulated and executed by the student under the supervision of a Glassell Studio School faculty adviser designated in accordance with the direction of the student’s interest. Upon completion students present their work and their ideas about their work to a faculty committee. This review affords graduating students the opportunity to analyze and summarize their work, and to engage a faculty committee in discussion about issues that face an artist preparing to enter a career in art. An exhibition of selected work, done in the project, is expected of each student. Enrollment in this course is limited to and required of all BFA seniors.
The major in theology seeks to instill competency in major topics in the study of Catholicism and in the methods of investigation and research appropriate to the discipline of theology.

Theology plays a particularly important role in the synthesis of knowledge as well as in the dialogue between faith and reason. The study of theology, as part of a liberal arts education, aids the University community in its “constant effort to determine the relative place and meaning of each of the various disciplines within the context of the human person and the world that is enlightened by the Gospel,” and thus in preserving “the sense of the transcendence of the human person over the world and of God over the human person.” (John Paul II, Ex Corde Ecclesiae, 16, 19).

Students who successfully complete the major program should be able to:

1. read and use scripture in accordance with theological methods;
2. interpret documents in Church history according to their historical and theological contexts; and
3. assess, from within the ecclesial tradition, arguments in systematic and moral theology. Fulfillment of these objectives will be determined by means of an exit examination.

MAJOR IN THEOLOGY

Theology: 42 credit hours
THEO 1300/3300  Teachings of the Catholic Church
THEO 2300/3310  Introduction to the Sacred Scriptures
THEO 3339   Christ the Savior
THEO 3349   Christ and the Moral Life
THEO 3363   Church History I
THEO 3364   Church History II
THEO 3382   God, One and Triune
THEO 4337   Grace and the Human Condition
THEO 4374   Modern Challenges to Christianity

One course (3 credit hours) from the following:
THEO 3331   Catholic Church: Origin, Structure and Mission
THEO 3332   Theology of the Sacraments

One Old Testament course (3 credit hours) from the following:
THEO 3351   Prophets of Ancient Israel
THEO 3353   Pentateuch
THEO 3355   The Book of Psalms
THEO 4351   Wisdom in Israel
THEO 4378   The Hebrew Scriptures with Rabbinic Interpretation

One New Testament course (3 credit hours) from the following:
THEO 3352   Paul: His Letters and Theology
THEO 3354   Synoptic Gospels: Matthew, Mark, Luke
THEO 3365   Gospel and Letters of John
6 credit hours of electives from 3000-4000 level THEO courses

Language Requirement:
CLASS 1331 Introduction to Latin OR CLASS 1341 Introduction to Classical Greek
CLASS 1332 Elementary Latin CLASS 1342 Elementary Classical Greek

The required reading knowledge of Latin, biblical Greek or biblical Hebrew may be also be met by a departmental examination. Students not taking the coursework must still meet the core requirement.

Majors are required to take the systematic sequence in philosophy.

Majors are required to take the Synthesis course from Philosophy.

MINOR IN THEOLOGY

Theology: 18 credit hours
Required courses for Theology minor (6 credit hours):
THEO 1300/3300 Teachings of the Catholic Church
THEO 2300/3310 Introduction to the Sacred Scriptures
Choose 4 additional theology courses (12 credit hours)

JOINT MAJOR

A joint major is available with Drama, History, Philosophy, Psychology and/or other majors with the approval of the department chair. These differ from a double major because a reading knowledge of Hebrew, Greek or Latin is waived, and only 36 (not 42) credit hours in theology courses are required: THEO 1300 / 3300, 2300 / 3310, 3331, 3339, 3363, 3364, 3382; an Old Testament course, a New Testament course; THEO 4334 or 4374; and two electives.

Evening and Saturday Offerings in Theology: Core requirement courses are offered every year in the fall and spring in the evening and/or on Saturday. At least one upper-division course is offered in the evening every semester and normally in the summer.

COURSES

1300 / 3300- Teachings of the Catholic Church
Introduction to the fundamentals of Catholic doctrine and life: revelation, scripture, tradition, and magisterium; creation; original sin; Christ and salvation; Trinity; grace; Church (structure, mark, and mission); Mary; sacraments and liturgy; moral principles (sin, conscience, etc.); the ten commandments; prayer.

NOTE: All students enroll in THEO 1300, except that students who transfer in 60 or more credit hours may enroll in 3300, completing junior-level requirements and receiving upper-division credit. (After THEO 1300 or 3300, 60+ transfers may take 2300 or 3310 Introduction to the Sacred Scriptures.)
2300 / 3310- Introduction to the Sacred Scriptures
Introduction to contemporary biblical studies, including: 1) the Catholic approach to scripture in light of Dei Verbum (e.g., inspiration, revelation, canon, hermeneutical principles and methods of critical analysis, relationships of Old and New Testaments); 2) a survey of the Old Testament in its historical setting, with emphasis on major themes (e.g., covenant, exile, Davidic dynasty, wisdom literature, and messianic prophecies); and 3) a survey of the New Testament in its historical setting (e.g., Christianity’s Jewish and Hellenistic roots, gospel formation, the gospels, Acts, letters, Revelation).

NOTE: Students who transfer with 60 or more credit hours and who have successfully completed THEO 1300 or 3300 may enroll in THEO 3310, completing junior-level requirements and receiving upper-division credit.

All of the following theology courses require completion of THEO 1300 or 3300 and THEO 2300 or 3310.

3321- Apologetics
Apologetics is the rational defense of a religion. As such, apologetics is necessary for contemporary Catholics in the face of critiques from a secularized society. It is also a requirement for effective dialogue with other Christians.

3322- Theology of Creation
Study of the nature of creation and the unique place of the human person in creation according to the Catholic Intellectual Tradition (in contrast to notions of “creationism” that thrive in certain branches of theology). Sources read may include Sacred Scripture, St. Thomas Aquinas, St. Bonaventure, St. Francis of Assisi, St. Benedict of Nursia, Pope John Paul II, and Pope Benedict XVI. Special attention will be paid to how Catholic teachings can inform environmental issues and enlighten the aims and practices of environmental stewardship.

3323- Teachings of the Protestant Tradition
Introduction to the Christian faith from a Protestant perspective: articles of the Nicene Creed, role of the Bible, providence, faith, conversion, sanctification, Baptism and Lord’s Supper.

3331- Catholic Church: Origin, Structure and Mission
Reflection in light of scripture and Vatican II on the Catholic Church as one, holy, catholic and apostolic; discussion of authority and the papacy; ecumenism; the laity; the role of the Church in the modern world.

3332- Theology of the Sacraments
Study of the sacramental principle: relationship of the sacraments to Christ and the Church; and biblical, historical and doctrinal introduction to the seven sacraments, with special emphasis on their role in Christian life.

3333- Theology of Worship
Worship, ritual and the human condition; Christian worship and the history of salvation; spiritual worship and liturgical action: objective and subjective aspects; play and festivity; sacred actions, times, and places; liturgy and holiness.
3336- Christian Spirituality
Systematic study of the concepts and practices of the Christian spiritual life, illustrated by reading selected texts from the great spiritual masters and writers of the Church.

3339- Christ the Savior
Basic themes concerned with the person and work of Jesus Christ as they emerge in scripture and tradition; emphasis on Jesus’ public ministry, the paschal mystery, and the Christology of both the early and contemporary Church; modern problems regarding the meaning of salvation.

3345- Theology of St. Thomas Aquinas
Introduction to the theological method and major contributions of St. Thomas. Each semester will concentrate on one of the following topics: God-Trinity, creation, the Holy Spirit, grace, the moral life, etc.

3346- Christian Vocations: Paths to Holiness
All Christians called to holiness; common principles and various paths by which this vocation is realized; lay men and women; ordained ministry; consecrated life.

3349- Christ and the Moral Life
Christian ethics as a morality of response and responsibility; nature and extent of Christian love, law, freedom and conscience; the theological virtues of faith, love, hope.

3351- Prophets of Ancient Israel
Prophecy in the Old Testament in its historical and religious contexts; critical methods of studying the prophets; current interpretations of the prophetic books.

3352- Paul: His Letters and Theology
The Pauline letters in their historical and religious contexts; critical methods of studying the letters; current interpretations of Pauline theology.

3353- Pentateuch
The Torah in its historical and religious contexts; the development of pentateuchal criticism; critical methods of studying the Pentateuch; theologies of the different traditions and their relations to biblical theology as a whole.

The synoptic gospels in their historical and religious contexts; critical methods of studying these gospels and their relations to biblical theology as a whole.

3355- Book of Psalms
Contemporary exegetical approaches to Psalms, including the genre of “psalm” with a comparison to similar literature from the ancient Near East; types of psalms; relation of the Psalter to temple and synagogue worship; interpretations of individual psalms.

3363- Church History I
Church history and Christian thought from apostolic times to the end of the 13th century.
3364- Church History II
Church history and Christian thought from the end of the 13th century to the present.

3365- Gospel and Letters of John
The fourth gospel and the epistles of John; critical methods of Johannine study; current status of Johannine scholarship; theological messages of the gospel and epistles.

3375- Eastern World Religions
Study of the major Eastern religions: Hinduism, Buddhism, Confucianism and Taoism.

3376- Western World Religions
Study of the major Western religions: Judaism, Christianity and Islam. THEO 3375 is not a prerequisite.

3378- Introduction to Judaism
Major ideas, customs, ceremonies and traditions of Judaism. (This course is sponsored by the Jewish Chautauqua Society.)

3382- God, One and Triune
The one God and his attributes; mystery of the Trinity and development of the Church’s understanding of this mystery; participation in the triune life of God.

4192 4292 4392 4492- Directed Reading/Independent Study in Theology
Student research on a selected problem in the field, pursued under the guidance of a faculty member. Requires permission of the department chair.

4193 4293 4393 4493- Special Topics in Theology
Upper-division treatment of a selected topic of mutual interest to the faculty member and students.


4323- Teachings of Jesus
Survey of the utterances of Jesus as found in the synoptic gospels (Matthew, Mark and Luke) and the Gospel of Thomas. Background issues are discussed (synoptic problem, redaction criticism, etc.), but principally the course examines key aspects of Jesus’ utterances: their extent, form, authenticity, interpretation and theology.

4324- Christian Ethics and the Law
A theological examination of ethical issues relating to the making and application of the law: e.g., the concept of justice; legal positivism and the relation of civil and criminal law to ethics and the legitimacy of the adversary system; obligations relating to confidentiality, equal access to legal services, punishment and sentencing, contracts; the practice of law as a Christian calling.
4325- Faith and Moral Development
An examination of the stages, processes and methods of Christian moral development. Topics include: how ethical norms are known; relation of faith to ethics; the concept of habit and the development of theological and moral virtues; the effect of culture on morals; the role of myth, symbol and identification in moral development; academic subjects and moral development.

4327- Sacred Arts in the Church
Theology of beauty and theology of art. Concept of sacred art. The use of works of visual art and music in Christian worship and devotion.

4331- Revelation and the Knowledge of God
Possibility of knowing God; nature and kinds of knowledge of God; transcendence in the world; God’s self-revelation to humanity.

4334- Social Justice and the Church
Catholic teaching on social, political and economic issues: freedom; law; conscience; marriage and family; political authority; just war and nuclear arms; human dignity and rights; work; private property and social justice.

4336- American Catholic Heritage
Survey from the Native Americans through the present in the shaping of American Catholicism; theological and ecumenical dimensions; contributions of the Catholic Church to the American scene emphasized.

4337- Grace and the Human Condition
Christian understanding of the human condition and God’s transforming grace; human nature as fallen and elevated; justification and new life in Christ.

4347- Fathers of the Church
Lives and thoughts of the great saints and scholars of the first millennium who shaped the Church’s teaching and life. Reading their works is essential to the course. Among those to be discussed are the Desert Fathers, Origen, Basil, Ambrose and Augustine.

4348- Theology of the Body
Introduction to the writings of John Paul II on the sacramental nature of creation, and in particular, the human body, male and female. Marriage as sacrament of the Communion of Persons in the Trinity. The ethics of human sexuality as integral to the responsible relationship between persons and the theology of the total, reciprocal gift of persons.

4351- Wisdom in Israel
Introduction to the wisdom literature of the Old Testament: Job, Psalms, Proverbs, Qoheleth, Song of Songs, Wisdom and Sirach.

A study of the thought and influence of John Henry Newman through a selection of his writings and an examination of the historical circumstances that led to their composition.
252  WOMEN, CULTURE, AND SOCIETY

4367- Mariology
Mary’s role in the salvation of humanity. Mary in scripture and in the tradition of the Church. The teaching of the contemporary magisterium: Pius XII, Vatican II, Paul VI, John Paul II. Mary in contemporary theology.

4368- Book of Revelation
Origin and development of apocalyptic literature in the Old Testament and the intertestamental period; formation, structure and style of the Book of Revelation; redactional and literary analysis of the text to define its theology and the situation which produced it.

4374- Modern Challenges to Christianity
The impact of the 19th and early 20th century scientific, economic, philosophical and psychological critiques of Christianity; emphasis on method for analyzing theological responses to these and other contemporary challenges.

4378- Selected Questions in Judaism
The way in which Jews have read the Hebrew Scriptures through the ages. (Jewish Chautauqua Endowed Lectureship in Honor of Rabbi Robert I. Kahn).

4380- Sources and Methods of Theology
Assumptions and methodological concepts in the practice of Catholic theology: revelation, transmitted by scripture and tradition and interpreted by the magisterium; corresponding theologies; nature and method of theology as intellectus fidei and intellectus rationis; modern challenges to systematic theology.

Women, Culture, and Society (WCS)

Contact: Brooke Williams Deely (deelyb@stthom.edu)

Women, Culture and Society is an interdisciplinary program for an undergraduate minor or a graduate concentration at the Master of Liberal Arts level. The WCS Program is unique nationally in its focus on deepening historical understanding and advancing contemporary discourse on the Roman Catholic tradition (both its intellectual and contemplative dimensions) in relation to the women’s revolution, begun in late modern times. The program is inspired by the call of Pope John Paul II to fulfill this revolution in a way that models collaboration between women and men. This Pope clarified that male domination and exploitation is an effect of original sin that, like poverty, needs to be remedied, in order to restore to woman as fully human, in his words, “the richness of the femininity which she received on the day of creation.”

The required introductory course, “Introduction to Theories and Practice of Women’s Studies,” gives primacy to philosophy and theology as integrating, in historical context, concerns that are interdisciplinary in nature. The course includes guest speakers from representative fields of inquiry and readings of selections from classic authors (including at least two women Doctors of the Church) that are especially relevant to women’s studies.

The program as a whole aims to increase awareness of women’s particular situation in culture and society; to address social justice, accordingly, in consonance with Church teaching; and, in so doing, to provide students with appropriate service in the community.
Minor Program Requirements

An introduction to the study of women in culture and society in various academic disciplines, in relation to Catholic tradition. Course components include theology, philosophy, natural and social sciences, and art and literature. All departmental prerequisites for elective courses apply. For a specific semester’s offerings, see the UST online schedule.

Women, Culture and Society minor: 18 credit hours

Required for Women, Culture & Society minors: 3 credit hours
WCS 3300– Introduction to Women, Culture, and Society

Choose one of the following (3 credit hours):
WCS  4391  Internship
WCS  4392  Directed Reading/Independent Study

Choose one of the following Philosophy or Theology courses (3 credit hours):
PHIL  4393  Who is she?
PHIL  4393  Love and Death
THEO  3346  Christian Vocations: Paths to Holiness
THEO  4348  Theology of the Body
THEO  4367  Mariology

Women, Culture and Society interdisciplinary electives (9 credit hours):
Choose 3 courses from the following:
ARThS  3340  Early Medieval Art
ARThS  3341  Late Medieval Art
ARThS  4345  Iconography of Christian Art
COMM  3333  Nonverbal Communication
COMM  2350  Interpersonal Communication
ENGL  4322  Literature by Women in English
ENGL  4393  Women from Classic Mythology
ENGL  4393  Irish Women Writers
ENGL  4393  Victorian Women in Literature
ENGL  4393  Virginia Woolf and the Bloomsbury Group
FREN  4333  Survey of French Literature I (or equivalent)
HIST  4337  Magic and Witchcraft to 1700
INST  3355  Intercultural Issues
INST  4362  Globalization and Gender Issues
INST  4363  Labor Markets and International Migration
POSC  3312  Family Law
POSC  3333  Law and Society
POSC  4306  Catholic Political and Social Thought
PSYC  4393  Love, Intimacy, and Lasting Relationships
PSYC  4393  Psychology of Women
SPAN  4336  Hispanic Women
SPAN  4331  Survey of Spanish-American Literature
SPAN  4333  Survey of Spanish Literature I
SPAN  4334  Survey of Spanish Literature II
SPAN  4372  Hispanic American Culture
PSYC  4393  Psychology of Women
Cameron School of Business

Bahman Mirshab, Dean, mirshab@stthom.edu
Natalya Delcoure, Academic Associate Dean, delcoun@stthom.edu

256   ACCOUNTING
260   ECONOMICS, FINANCE AND DECISION INFORMATION SCIENCES
265   MANAGEMENT AND MARKETING
The undergraduate program of the Cameron School of Business is designed to provide a comprehensive curriculum in keeping with current trends in business education and with the Basilian tradition of educating the whole person. The business program of the Cameron School provides students the knowledge base and functional skills required to meet the varied and complex responsibilities managers face in businesses and other organizations, including government and the not-for-profit sector. It also prepares students for postgraduate education, principally in the fields of business and law.

Many professional opportunities are available to business majors upon graduation. Large corporations, small businesses, not-for-profit organizations, and government agencies all seek employees with the skills and knowledge possessed by business graduates. The Cameron School offers a broad-based education which prepares its graduates for these opportunities and offers its students internship opportunities to help them narrow their career focus to a specific occupation, firm, or industry. In addition, study abroad programs offered by the university broaden students’ horizons by acquainting them with other cultures and business practices.

Mission Statement of the Cameron School of Business

The Cameron School of Business will serve students of diverse backgrounds, providing them the necessary professional skills for a changing global economy, and instilling in them a deep appreciation for ethical behavior as the hallmark of a successful and fulfilling business career. The Cameron School will provide its students a timely and comprehensive business curriculum, with opportunities for specialized study in major business fields. The faculty will provide quality teaching, as this is the core of our mission. As an extension of our teaching mission, the faculty will engage in scholarly activity and service to the University, the profession, and the community.

Accrediting Agencies.

The Cameron School is a member of the Association to Advance Collegiate Schools of Business (AACSB) and is accredited by the Association of Collegiate Business Schools and Programs (ACBSP), and the Southern Association of Colleges and Schools (SACS).

PROGRAMS OF STUDY

The Cameron School of Business offers the Bachelor of Business Administration (BBA), requiring 126 credit hours of study, with degree offerings in four subject areas:

- Accounting
- Finance
- General Business
- Marketing

The school also offers a five-year BBA/MBA (Bachelor in Business Administration/Master in Business Administration) which enables high-achieving undergraduate students the opportunity to earn both the bachelor’s and master’s degrees in a streamlined program combining undergraduate and graduate studies. The BBA/MBA requires 120 undergraduate and 36 graduate hours of study, thus reducing by six hours the total required for students to earn the two degrees, and allows them to take undergraduate and graduate courses concurrently during the senior year.
Students who choose the BBA/MBA may apply for admission to the MBA program in the first semester of the senior year and begin taking graduate level courses in the second semester. Students in this program take the graduate capstone course (MBA 5370) in place of the undergraduate capstone course (MGMT 4399) and one graduate course in the major field of study in place of the corresponding undergraduate course in the major (for example, MBA 5313 Managerial Accounting in place of ACCT 3332 Managerial Accounting).

Students interested in the Cameron School’s graduate programs in Business Administration (the MBA) or Accounting (the MSA) should consult the University Website or contact the Cameron School staff at 713-525-2100.

In addition to offering major programs leading to the bachelor’s degree, the Cameron School offers several minors, designed mainly for non-business majors but also available to business majors. The business minor fields of study are as follows:

- Accounting
- Economics
- Finance
- General Business

**DEGREE REQUIREMENTS**

The 126 semester hours required for the BBA degree include courses in the following four categories:

1. The University core
2. The Business core
3. Courses required in the major
4. Elective courses

**ACCOUNTING**

**Department Chair:** John Leavins, leavinj@sttom.edu

The Accounting Department seeks to provide a broad-based education and promising employment prospects for future business leaders by achieving three objectives:

1. To provide students with the business and accounting knowledge necessary for them to obtain professional positions after graduation.
2. To provide a sound knowledge base for continuing progress in the accounting profession.
3. To create an environment within which students and faculty exchange ideas and critically evaluate the profession and its role in society.

The undergraduate accounting curriculum is designed to provide learning and decision-making skills that will be invaluable throughout the graduate’s career. Accordingly, the curriculum incorporates both accounting theory and practice. The BBA prepares students who do not wish to sit for the CPA exam for careers in corporate, nonprofit, and government accounting. Students interested in public accounting and planning to take the CPA exam must complete a master’s degree in the field. Our BBA/MBA and Master of Science in Accounting degrees are designed to prepare them to sit for this exam.
MAJOR IN ACCOUNTING

Business Core Curriculum: 42 credit hours including overlap with University core
ACCT 1341  Principles of Accounting I
ACCT 1342  Principles of Accounting II
DEIS 4333  Principles of Operations Management
ECON 1331  Principles of Macroeconomics  
  *Course will apply to university social science requirement*
ECON 1332  Principles of Microeconomics  
  *Course will apply to university social science requirement*
ECON 3331  International Economics
FINA 3339  Corporate Finance
MATH 1353  Mathematics for Economics and Business  
  *Course will apply to university mathematics requirement*
MATH 3332  Elementary Statistical Methods
MGMT 3320  Business Communication  
  *Course will apply to university oral communication requirement*
MGMT 2347  Principles of Management
MGMT 4331  Business Law
MGMT 4399  Senior Seminar
MKTG 3343  Principles of Marketing

Required Courses: 21 credit hours
ACCT 3332  Managerial Accounting
ACCT 3333  Income Taxation I
ACCT 3334  Income Taxation II
ACCT 3341  Intermediate Accounting: Assets
ACCT 3342  Intermediate Accounting: Equities
ACCT 4333  Principles of Auditing
ACCT 4338  Accounting Systems

Elective Courses: 3 credit hours from below
ACCT 3335  Tax Practice (3 hours maximum)
ACCT 3336  Financial Statement Analysis
ACCT 4191, 4291, 4391  Internship in Accounting (3 hours maximum)
ACCT 4335  Fund Accounting
ACCT 4393  Special Topics in Accounting

MINOR IN ACCOUNTING

I. Courses required for all accounting minors: 6 credit hours
ACCT 1341  Principles of Accounting I
ACCT 1342  Principles of Accounting II

II. Options within the minor—students may choose any of the following concentrations to complete the minor.

Financial Concentration: 12 credit hours
ACCT 3341  Intermediate Accounting: Assets
ACCT 3342  Intermediate Accounting: Equities
ACCT 4335  Fund Accounting
ACCT 4393  3 credit-hour Accounting elective
Managerial Concentration: 12 credit hours
ACCT 3332 Managerial Accounting
ACCT 3336 Financial Statement Analysis
ACCT 4338 Accounting Systems
ACCT 3 credit-hour Accounting elective

Tax Concentration: 12 credit hours
ACCT 3333 Income Taxation I
ACCT 3334 Income Taxation II
ACCT 3335 Tax Practice
ACCT 3 credit-hour Accounting elective

General Concentration: 12 credit hours from the following
ACCT 3332 Managerial Accounting
ACCT 3333 Income Taxation I
ACCT 3334 Income Taxation II
ACCT 3336 Financial Statement Analysis
ACCT 3341 Intermediate Accounting: Assets
ACCT 3342 Intermediate Accounting: Equities
ACCT 4333 Principles of Auditing
ACCT 4335 Fund Accounting
ACCT 4338 Accounting Systems

COURSES

ACCOUNTING (ACCT)

1341 – Principles of Accounting I
An introduction to financial accounting, with emphasis on the sole proprietorship form of business. The application of accounting principles in the preparation, presentation, and analysis of a company’s external financial statements is explored.

1342 – Principles of Accounting II
A continuation of the study of financial accounting as it applies to partnerships and corporations. Topics covered include long-term debt, stockholders’ equity accounting, financial statement analysis, and the statement of cash flows. Managerial accounting is introduced, with coverage of cost accounting, budgeting, cost-volume-profit analysis, and special management decisions. 
Prerequisite: ACCT 1341.

3332 - Managerial Accounting
An examination of cost accounting principles and practices, such as job order costs, process costs and standard cost controls as well as specific managerial problem areas such as budgeting, pricing policies and inventory control.
Prerequisite: ACCT 1342.

3333 - Income Taxation I
A study of the federal income taxation of individuals. Includes the areas of tax law sources and administration, filing considerations, gross income, deductions and losses, tax credits and property transactions. Prerequisite: ACCT 1342.

3334 - Income Taxation II
A study of the federal income taxation of corporations, partnerships, trusts and estates. Includes the areas of corporate distributions and accumulations, corporations and the federal estate and gift tax. Prerequisite: ACCT 3333.
3335 - Tax Practice
A practical introduction to individual income tax preparation, offered in conjunction with the IRS’s Volunteer Income Tax Assistance (VITA) program. Prerequisite: ACCT 3333. Maximum credit for all internships: 6 credit hours.

3336 - Financial Statement Analysis
An in-depth study into the area of financial statement and investment analysis. For accounting and business majors, this course is ideal for the non-accountant business person who encounters financial statements in daily business activities. Prerequisite: ACCT 1342.

3341 - Intermediate Accounting: Assets
A comprehensive study of accounting principles and theory aimed at a deeper understanding of the meaning and significance of business entity financial statements as they relate to accounting for assets. Prerequisite: ACCT 1342.

3342 - Intermediate Accounting: Equities
A comprehensive study of accounting principles and theory aimed at a deeper understanding of the meaning and significance of business entity financial statements as they relate to accounting for equities. Prerequisite: ACCT 1342.

4191, 4291, 4391 - Internship in Accounting
Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Permission of the chair or academic advisor/ supervisor is required. Number of credit hours earned depends on number of hours spent on the internship site weekly. Internships may be taken only on a pass/fail basis. Maximum credit for all internships: 6 credit hours.

4333 - Principles of Auditing
An introduction to auditing and the public accounting profession. Emphasis on the study of generally accepted auditing standards and the theory of auditing and the methods and procedures used by the independent accountant to obtain the necessary evidence upon which to base an opinion regarding the fairness of presentation of the financial statements. Prerequisite: ACCT 3342.

4193, 4293, 4393 - Special Topics in Accounting
Systematic analysis and discussion of selected topics of mutual interest to the faculty member and students. Course may be repeated for additional credit hours as topics vary.

4335 - Fund Accounting
A study of the unique accounting principles and practices of governmental and nonprofit institutions. Included in the study are state and local governmental units, public schools, colleges and universities, hospitals, voluntary health and welfare organizations and other nonprofit entities. Prerequisite: ACCT 1342.

4338 - Accounting Systems
A study of accounting information systems for external reporting and management control. Attention is directed toward providing an understanding of the integration of computerization into business accounting systems. Prerequisite: ACCT 1342.
The Department of Economics, Finance & Decision Information Sciences provides a major in Finance and selected courses in Economics and Decision Sciences. It also offers minors in economics and finance.

The finance major provides an education designed to prepare graduates for success in business careers and in managing their own investments. Accordingly, this major exposes students to a solid body of theoretical and practical knowledge of domestic and international finance in the areas of corporate finance, risk management, portfolio management, financial markets, and financial institutions. Whether students plan to manage portfolios for a business, or follow career paths involving capital budgeting, cash management, or risk management, the major in finance offers the necessary analytical background for success in their chosen professions. This curriculum also prepares students for postgraduate study in the fields of business and law.

The department also offers a minor in the field of finance. The minor is designed to provide students a working knowledge which will benefit them in careers requiring exposure to financial concepts and also in personal investment decisions.

In addition, the department offers a minor in economics. This program is designed to provide students exposure to the field both as a social science, which examines issues regarding how society allocates its resources, and as a program involving international relations among economies. The courses required for this minor include a strong ethical component and provide an introduction to concepts central to business and governmental decision-making.

**MAJOR IN FINANCE**

**Business Core Curriculum: 45 credit hours including overlap with University core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ACCT 1341</td>
<td>Principles of Accounting I</td>
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<tr>
<td>ACCT 1342</td>
<td>Principles of Accounting II</td>
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<tr>
<td>DEIS 4333</td>
<td>Principles of Operations Management</td>
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<td>MGMT 4399</td>
<td>Senior Seminar</td>
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<tr>
<td>MKTG 3343</td>
<td>Principles of Marketing</td>
</tr>
</tbody>
</table>
Required courses: 12 credit hours
FINA  3334  International Financial Management
FINA  3335  Financial Institutions and Markets
FINA  3350  Investment Analysis
FINA  4350  Risk Management

Elective courses: 6 credit hours from the following:
ACCT  3336  Financial Statement Analysis
FINA  3344  Capital Budgeting
FINA  3349  Principles of Real Estate
FINA  4391  Internship in Finance

MINOR IN FINANCE

Prerequisite for (FINA 3350 and 4350) elective options:
ECON 1331 – Principles of Macroeconomics

Required for minor in Finance: 15 credit hours
ACCT  1341  Principles of Accounting I
ECON  1332  Principles of Microeconomics
FINA  3335  Financial Institutions and Markets
FINA  3339  Corporate Finance
MATH  3332  Elementary Statistical Methods

Finance electives: 3 credit hours from the following:
FINA  3334  International Financial Management
FINA  3350  Investment Analysis
FINA  4350  Risk Management
FINA  4391  Internship in Finance

MINOR IN ECONOMICS

Required courses: 15 credit hours
ECON  1331  Principles of Macroeconomics
ECON  1332  Principles of Microeconomics
ECON  3331  International Economics
ECON  3332  Theory of Economic Development
FINA  3335  Financial Institutions and Markets

Economics electives: 3 credit hours from the following
ECON  4391  Internship in Economics
ECON  4393  Special Topics: Globalization
FINA  3334  International Financial Management

COURSES

DECISION SCIENCES (DEIS)

1325 – Introduction to Microcomputer Applications
An introduction to the issues related to the use of information systems in organizations as well as a working knowledge of personal productivity software. Students gain experience in word-processing, spreadsheet, database and presentation software. No previous computer experience is required.
1340 – Structured Programming
This course provides an introduction to the techniques of structured programming. Students will learn basic programming concepts, including the use of control structures in programming and the manipulation of data and arrays. Students will develop simple programs in C++.

3360 – Object Oriented Programming
An in-depth exposure to the object-oriented programming paradigm, which builds upon programming experience gained in DEIS 1340. Emphasis on object-oriented design and object construction as well as program development with existing object libraries. Prerequisite: MGMT 3350 or permission of faculty member.

4191, 4291, 4391, 4491, 4591, 4691 – Internship in DEIS
Positions with participating companies provide students with experience in the computer field under the supervision of the companies and faculty. To be supervised individually by a faculty member with the approval of the department chair. Requirements include completion of progress reports, on-site evaluations and program documentation. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

4192, 4292, 4392, 4492 – Directed Reading/Independent Study in DEIS
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

4193, 4293, 4393, 4493 – Special Topics in DEIS
A course dealing with current topics in management information systems. Course content varies according to interest of students and faculty members. Permission of faculty member required. Course may be repeated for additional credit hours for different topics. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

4310 – Data Base
Organization concepts and terminology of data models and the underlying data structures needed to support them. Comparison of several major database management systems and experience with a leading hierarchical and/or relational DBMS. Prerequisite: DEIS 1340

4333 – Principles of Operations Management
This course introduces students to the use of quantitative business decision tools. Topics covered include decision theory, forecasting, linear programming, quality control, quality management, and project management. Students learn to model business problems mathematically, identify optimal strategies, and determine optimal solutions to these problems. Prerequisites: MATH 1353, MATH 3332 or equivalent courses.
4350 - Applied Software Development Project
Following the entire systems development life cycle, a team approach is used to analyze, design, develop and document realistic systems of moderate complexity. Prerequisite: DEIS 3360.

ECONOMICS (ECON)

1331 - Principles of Macroeconomics
This course concentrates on analysis of national income, with special attention to the role of monetary and fiscal policies in stabilizing the price level and fostering high levels of employment and rapid economic growth. Theoretical as well as policy implications of income and price determination models are explored.

1332 - Principles of Microeconomics
A study of the functioning of the market system, with emphasis on consumer and business decision-making and the various market structures. The course covers the theoretical underpinnings as well as the policy implications of the market system, resource allocation and income distribution.

3331 - International Economics
The theory of international trade and finance, with emphasis on gains from international trade, determination of the level and composition of trade, barriers to trade, balance of payments, exchange rate determination, and the international monetary system. Prerequisites: ECON 1331, 1332.

3332 - Theory of Economic Development
The process and problems of economic development in less developed countries, especially the role of international trade in economic development. Prerequisite: ECON 1331, 1332.

3336 - Industrial Organization
An analysis of market structure, behavior and performance of U.S. business, including case studies of industries and the interpretation of American anti-trust laws. Prerequisite: ECON 1332.

3339 - Public Finance
An analysis of taxation and expenditure policies at the federal, state and local levels and their contribution to efficient resource allocation, equitable income distribution, full employment and economic growth. Prerequisites: ECON 1331, 1332.

3341 - Economics of Health Care
A theoretical and empirical analysis of the economics of health and medical care. Includes a survey of current economic thought and empirical work in health economics, focusing on solutions to problems in health policy. Prerequisites: ECON 1331, 1332.

3351 - Environmental and Natural Resource Economics
A study of environmental issues from an economic perspective, distinguishing between market and nonmarket forces and their impact on resource utilization and sustainable development. The course focuses on conservation, pollution and resource exhaustion from the perspective of social cost and effective government policy. Prerequisites: ECON 1332.
4191, 4291, 4391 - Internship in Economics
Practicum of on-the-job experience under the guidance of a practicing specialist in
the field. This course is designed to provide opportunities for students to enhance
their practical skills through application of classroom concepts and theories to real-
life situations. To be supervised individually by a department faculty member with
the approval of the department chair. Economics or finance students must have
successfully completed three economics courses and have the approval of the chair
during the semester prior to registration. Prerequisite: junior standing, 6 credit hours
of economics, and 3 credit hours of accounting; approval of department chair and
approval of faculty member.

4192, 4292, 4392 - Directed Readings/Independent Study in Economics
Student research on a selected problem in the field pursued under the guidance of an
assigned member of the faculty.

4193, 4293, 4393, 4493 - Special Topics in Economics
Systematic analysis and discussion of selected topics of contemporary and current
interest.

**FINANCE (FINA)**

3334 - International Financial Management
A study of the financial management of the multinational corporation. Topics
include exchange rate forecasts and uncertainty, hedging against foreign exchange
risk, cash flow management in multiple currencies, borrowing in foreign currencies,
investing in foreign securities and real assets. Prerequisites: ECON 1332; MATH
3332; ACCT 1341.

3335 - Financial Institutions and Markets
An empirical study of financial institutions in the primary, secondary and lending
markets, and of legal developments in this field. The course examines the role of the
various financial institutions in the flow of funds through the financial markets.
Prerequisites: ECON 1332, ACCT 1341 and MATH 3332.

3339 - Corporate Finance
Analysis of corporate use of financial markets and decision-making, with emphasis
on stock and bond valuations and returns. The course further demonstrates corporate
decision-making in the areas of capital budgeting, corporate financial structure and
dividend policy. Prerequisites: ECON 1332; ACCT 1341; MATH 3332.

3349 - Principles of Real Estate
A study of the fundamentals and practices of real estate. Prerequisites: ECON 1331,
1332; ACCT 1341.

3350 - Investment Analysis
A study of portfolio management, including specific instruments such as stocks,
bonds and options, and principles of diversification. Prerequisites: ECON
1331,1332, MATH 3332, ACCT 1341.
4191, 4291, 4391 - Internship in Finance
Practicum of on-the-job experience under the guidance of a practicing specialist in the field. This course is designed to provide opportunities for students to enhance their practical skills through application of classroom concepts and theories to real life situations. To be supervised individually by a department faculty member with the approval of the department chair. Economics or finance students must have successfully completed economics and finance courses and have the approval of the chair during the semester prior to registration. 
Prerequisite: junior standing, 6 credit hours of economics and 3 credit hours of finance, approval of department chair and approval of faculty member.

4340 - Capital Budgeting
A study of long-term capital spending decisions, including evaluation of investment opportunities and sources of funding for such investments. 
Prerequisites: ECON 1331, 1332; MATH 1353; ACCT 1341.

4350 - Risk Management
This course addresses specialized finance issues involving risk and uncertainty. Students learn how derivatives, futures, options and other financial instruments can be used to reduce business and financial risk as well as how these instruments can be used as vehicles for high-risk/high return investments. 
Prerequisites: ECON 1331, 1332, MATH 1353, ACCT 1341.

DEPARTMENT OF MANAGEMENT & MARKETING

Department Chair: Shahram Taj, tajs@stthom.edu

The Department of Management and Marketing prepares students for careers in management and marketing as well as in other professions where the theory and practice of these disciplines can be applied.

The department offers a choice of two majors, general business and marketing. The general business major provides students a broad program of studies in the various areas of the field of business. The marketing major prepares students for careers developing products and services to satisfy customers’ needs and making them available through efficient distribution and optimal pricing strategies.

MAJOR IN GENERAL BUSINESS

The general business major is designed for students who prefer a diversified business background without intensive concentration in a single field. It is intentionally designed to provide students maximum flexibility in course selection and to equip them with multi-career adaptability. Students interested in pursuing careers with corporations or governmental entities or in operating their own businesses are provided exposure to a range of business disciplines. The general nature of the major also prepares students for graduate study in the fields of business and law. The program provides flexibility by permitting advanced work in at least three of the following areas: (1) accounting; (2) economics; (3) finance; (4) management; (5) marketing; and (6) decision and information sciences.
Business Core Curriculum: 45 credit hours including overlap with University core

ACCT 1341  Principles of Accounting I
ACCT 1342  Principles of Accounting II
DEIS 4333  Principles of Operations Management
ECON 1331  Principles of Macroeconomics  

Course will apply to university social science requirement

ECON 1332  Principles of Microeconomics  

Course will apply to university social science requirement
ECON 3331  International Economics
FINA 3339  Corporate Finance
MATH 1353  Mathematics for Economics and Business  

Course will apply to university mathematics requirement
MATH 3332  Elementary Statistical Methods
MGMT 3320  Business Communication  

Course will apply to university oral communication requirement
MGMT 2347  Principles of Management
MGMT 3390  Management Information Systems
MGMT 4331  Business Law
MGMT 4399  Senior Seminar
MKTG 3343  Principles of Marketing

Course requirements: 21 credit hours

Students must select courses from at least three of the following 6 areas, with the number of credits in any one area not to exceed the limits specified below:

ACCT 6 credits maximum
ECON 3 credits maximum
FINA 6 credits maximum
MKTG 6 credits maximum
MGMT 6 credits maximum
DEIS 3 credits maximum

Business-related non-Cameron courses, with advisor approval: 6 credits maximum

MINOR IN GENERAL BUSINESS

Students who are not enrolled in the Cameron School of Business may obtain a working knowledge of the field of business by pursuing a general business minor.

Required courses: 21 credit hours

ACCT 1341  Principles of Accounting
ECON 1331  Principles of Macroeconomics
FINA 3339  Corporate Finance
MATH 3332  Elementary Statistical Methods
MGMT 2347  Principles of Management
MGMT 3390  Management Information Systems
MKTG 3343  Principles of Marketing

MAJOR IN MARKETING

Success in marketing requires understanding fundamental concepts, principles, theories, tools, and techniques in the areas of product promotion, distribution, and pricing. The Cameron School curriculum is designed to provide this knowledge and to develop competencies which will benefit its graduates throughout their careers.
Business Core Curriculum: 45 credit hours including overlap with University core
ACCT 1341  Principles of Accounting I
ACCT 1342  Principles of Accounting II
DEIS 4333  Principles of Operations Management
ECON 1331  Principles of Macroeconomics
    Course will apply to university social science requirement
ECON 1332  Principles of Microeconomics
    Course will apply to university social science requirement
ECON 3331  International Economics
FINA 3339  Corporate Finance
MATH 1353  Mathematics for Economics and Business
    Course will apply to university mathematics requirement
MATH 3332  Elementary Statistical Methods
MGMT 3320  Business Communication
    Course will apply to university oral communication requirement
MGMT 2347  Principles of Management
MGMT 3390  Management Information Systems
MGMT 4331  Business Law
MGMT 4399  Senior Seminar
MKTG 3343  Principles of Marketing

Required courses: 12 credit hours
MKTG 3344  Marketing Applications
MKTG 3345  Consumer Behavior
MKTG 3346  Advertising and Integrated Marketing Communications
MKTG 3351  Marketing Research

Elective courses: 6 credit hours
Six credit hours of marketing-related electives with approval by the student’s faculty advisor.

MINOR IN MARKETING

ACCT 1341  Principles of Accounting I
ECON 1331  Principles of Macroeconomics
MKTG 3343  Principles of Marketing
MKTG 3344  Marketing Applications
MKTG 3345  Consumer Behavior
MKTG 3346  Advertising and Integrated Marketing Communications

COURSES

MANAGEMENT (MGMT)

2347 - Principles of Management
This course is centrally concerned with the theory and principles of organization and management with particular emphasis on the traditional management functions and the process of managerial roles performed in the workplace. Topics may include an introduction to strategic planning, ethics and social responsibility, decision making, motivating the workforce, managing teams, and other effective leadership skills. Applications include experiential learning and research, applied group dynamics, case analyses and exercises.
3320 - Business Communication
A practical, experienced-based introduction to business and professional communication using career-and-self-assessment and case studies on ethics, leadership, and diversity. Self-led student teams design and present a final project with a focus on oral and written communication skills.

3330 - Small Business Institute
This course introduces students to the process of creating, owning, and managing a small business to include the development of a business plan, understanding financing options, forecasting, and planning operations, personnel, and marketing processes for the for-profit and not-for-profit sectors. Students will utilize cases or, where possible, they will consult with actual small businesses. ACCT 1341, 1342; MKTG 3343, MGMT 2347.

3348 - Personnel Management
A study of the fundamental concepts and techniques in the management of human resources, including job analysis, employee staffing, training, performance evaluation, compensation administration, and health/safety programs. The legal environment and ethical treatment of employees will be fundamental to each topic. Students will study current news and legislation in HR such as sexual harassment, expatriate (overseas) assignments, and alternative dispute resolution as topics arise in the press.

3350 – Business Process Analysis
This course includes coverage of analytical activities needed to develop and improve work processes that address the information requirements of managers of the various business functions. The course utilizes an experiential business case involving teams assigned to analyze an organization, evaluate various improvements and make recommendations regarding one of the major work processes of the organization. Emphasis on the role of business analyst in an organization and activities such as interview skills, feasibility analysis, requirement analysis, and the development of logical business models.

3380 - Information Resources Analysis
This course deals with the issues of managing information systems in modern business organizations. Included are systems planning and budgeting, business continuity planning, leadership issues, supporting knowledge-based work, managing systems development and managing the essential technologies. Key topics are taught through a series of short, focused cases that illustrate “best practices” approaches to managing information resources. This a valuable course for all stakeholders in an organization.

3385 - Project Management
This course deals with managing projects in modern business organizations. It is about project managers – what they do and how they do it. Topics include scheduling, evaluating, budgeting, and controlling projects. Other topics are assigning and mitigating risks, leadership of complex teams, and handling conflicts. The course utilizes a series of cases that provide student with opportunities to experience the process of managing projects using the techniques and tools discussed in the course.

3390 - Management Information Systems
Topics covered in this course focus on the information systems used to address the needs of functional areas of business. Also discussed are the strategic role of
information systems in the enterprise, new and emerging technologies, and ethical and social impacts of information systems. The course includes an introduction to business process modeling systems, business cases, teamwork, and discussion of current innovations and business situations involving information systems.

4331 - Business Law
General principles of the law of contracts, agency, bailment, sales, mortgages, negotiable instruments and bankruptcy.

4336 - Legal Environment of Business
A study of consumer protection laws, anti-trust laws, securities regulations and other public policy that affects business practices.

4191, 4291, 4391, 4491, 4591, 4691 - Internship in Management
Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

4192, 4292, 4392 - Directed Readings/Independent Study in Management
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of department chair and instructor; minimum GPA of 3.0.

4193, 4293, 4393, 4493 - Special Topics in Management
Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of department chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

4399 - Senior Seminar
This is a capstone course in business designed to integrate concepts and knowledge from a broad range of core business skills, and to explore contemporary social and economic issues influencing the business environment. The course emphasizes strategic thinking and significant group-based work through use of a computer simulation game and case studies. Students participate in the business school’s annual case competition each spring. Prerequisites: Senior standing, MKTG 3343, MGMT 2347, FINA 3339.

MARKETING (MKTG)

3343 – Principles of Marketing
The course analyzes marketing strategy and product decisions, pricing policy, sales promotion and distribution in the business environment.

3344 - Marketing Applications
Applications approach to problem-solving and research techniques in marketing. Prerequisites: MKTG 3343 or equivalent
3345 - Consumer Behavior
An analysis of the factors affecting consumer behavior in the marketplace, with an emphasis on exploring and evaluating evidence from empirical marketing research. **Prerequisites:** MKTG 3343 recommended.

3346 - Advertising and Integrated Marketing Communications
The course will focus on strategic planning, development, and execution of advertising and integrated marketing communications programs. The course will communicate the specific function of each of the elements of the promotion mix (advertising, personal selling, public relations, sales promotions, sponsorship, direct response and interactive marketing) and how these can be strategically combined to achieve marketing objectives. The psychological theories applied to create effective integrated campaigns will also be discussed, along with the role of marketing research in reaching creative and media decisions. **Prerequisites:** MKTG 3343 or equivalent recommended.

3351 - Marketing Research
The role of information in marketing decision-making. Application of statistical and marketing concepts and techniques in the collection and analysis of primary and secondary data. **Prerequisites:** MATH 1353, 3332 and MKTG 3343.

4191, 4291, 4391, 4491, 4591, 4691 - Internship in Marketing
Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of department chair and instructor; minimum GPA of 3.0. Course will be offered on a *Pass/Fail* basis.

4192, 4292, 4392 - Directed Readings/Independent Study in Marketing
Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

4193, 4293, 4393, 4493 - Special Topics in Marketing
Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of department chair and instructor; minimum GPA of 3.0. Course will be offered on a *Pass/Fail* basis.

4320 – E-Commerce
This course deals with basic issues and fundamental principles associated with conducting numerous forms of business enterprise over the Internet. Included are the technical and business aspects that make E-Commerce possible. Students will learn about the architecture of the Internet and the ways that businesses use this technology to achieve corporate strategy and globalization.
SCHOOL OF EDUCATION

Nora Hutto, Dean
Virginia Leiker, Associate Dean – leikerv@stthom.edu
Rick Krustchinsky, Chair of Undergraduate Teacher Education – krustchi@stthom.edu

275  TEACHER EDUCATION
277  BILINGUAL EDUCATION
278  EARLY CHILDHOOD EDUCATION
278  MULIDISCIPLINARY STUDIES
278  READING EDUCATION
279  SPECIAL EDUCATION
The undergraduate education programs are designed to develop classroom teachers who demonstrate the ability to be effective with today’s student population in a variety of field settings, both private and public.

Undergraduate teacher preparation programs are available in General and Bilingual Education with certification levels of Early Childhood through grade 6, grades 4 through 8 (with concentration in English Language Arts, Reading, Mathematics and Science or Social Studies) and grades through 8 through 12 (in a variety of teaching fields.) Early Childhood through grade 12 certification in Art, Music and Special Education, as well as supplemental certifications in Special Education, Bilingual Education, and English as a Second Language, are also available. Certification requirements vary for each level and field of concentration. Students should select courses for certification programs only after consultation with assigned advisors in the School of Education. Students must file a degree plan in the School of Education no later than the end of the sophomore year.

Evening and Saturday courses are also offered in Education; contact the School of Education for more information on evening and Saturday scheduling for full-time, non-traditional students.

**PROBATIONARY ADMISSION TO TEACHER EDUCATION REQUIREMENTS**

After the first 60 credit hours of study, students desiring to pursue teacher certification must apply for probationary admission to the Teacher Education Program. Application forms are available in the School of Education office and should be completed and returned no later than two weeks prior to the beginning of the fall or spring semesters or the first summer term.

Before probationary admission, students must a) submit a completed application for admission to Teacher Education; b) demonstrate a high level of competency in reading, mathematics, and writing as evidenced by their scores on the Texas Higher Education Assessment (THEA). The minimum THEA passing scores accepted are as follows: a reading score of 230 or higher, a mathematics score of 230 or higher, and a writing score of 220 or higher. Students are exempt from the THEA requirement if they have completed an associate degree with a 3.0 grade point average, have an ACT composite score of 23 with a minimum of 19 on the English test or the mathematics test, or have a SAT combined verbal and mathematics score of 1070 with a minimum of 500 on the verbal test or mathematics test; c) have a grade point of at least 2.5 in the last 60 credit hours; and d) possess the personal and professional qualities necessary for success as a classroom teachers. Once all admission materials are received candidates for the program receive notification from the Chair of the Undergraduate Teacher Education Program stating approval, disapproval, or approval with conditions for probationary admission to Teacher Education. Once students have met probationary admission they can take up to 13 hours of teacher education courses. Once they have reached the 13 hour limit they must be fully admitted to the Teacher Education Program in order to continue taking courses.
FULL ADMISSION TO THE TEACHER EDUCATION REQUIREMENTS:

Candidates must fulfill the following requirements for full program admission:

- Completed probationary admission
- Cumulative minimum undergraduate UST G.P.A. of 2.5
- Evidence of completed field experiences on file
- Positive recommendation from teacher education advisor
- Approval by teacher education faculty
- Approval by the College Committee on Teacher Education. The College Committee on Teacher Education reviews applications of students wishing to enter the Teacher Education Program at the beginning of each semester or term (fall, spring, and summer). The committee comprises the teacher education faculty of the School of Education and representatives from each of the academic departments within the University that provide courses in areas of certification.

The admission process assures both the candidate and the University that the applicant possesses the dispositions necessary for success in a program of professional preparation.

Once all admission materials are received, candidates for the program receive notification from the Chair of the Undergraduate Program stating approval, disapproval, or approval with conditions for full admission.

FIELD EXPERIENCES REQUIRED PRIOR TO STUDENT TEACHING

In addition to student teaching, students participate in a variety of field experiences to become classroom ready. Many of these field experiences are part of the professional education courses. Thus, with their link to the professional education courses, field experiences are ongoing throughout coursework leading up to student teaching. During fieldwork students are provided the opportunity to experience classroom instruction at various grade levels and in a variety of educational settings.

The focus of field experiences is on active learning and is skill specific. Students in a variety of classroom settings observe classroom practices and they work with students individually and in small groups.

Students are required to participate in a minimum of 50 hours of professional field experience in public and private school settings prior to student teaching. Students are also expected to complete a minimum of 10 hours of community service and to participate in a minimum of 20 hours of professional development activities. Professional development includes attendance at education workshops and participation in UST student education organizations. There are several ways that students develop reflective practitioner skills from their field experiences. First, field experiences are shared and discussed in professional education courses. Also, after each field experience students are required to document hours and reflect on their experiences. A form is provided for this purpose. These completed forms are submitted to the Director of Field Experiences or the Administrative Assistant for Field Experiences. Completed forms are carefully reviewed and approved. If a problem or concern is identified with a completed form, the Director of Field Experiences contacts the student’s advisor to help with corrective action.

Note: Before participating in field experiences, students are required to pass a criminal background check.
After full admission to Teacher Education and successful completion of certain required courses in the professional development sequence, candidates for certification must apply for admission to student teaching. Application forms are available in the School of Education office and should be completed and returned no later than midpoint of the semester prior to the semester planned for student teaching. Professional education coursework must have been completed within the past ten years.

The College Committee on Teacher Education reviews applications for student teaching and recommends approval based on the following criteria: a) admission to Teacher Education; b) pre-student teaching professional education course requirements (EDUC 3304, 3306 (for EC-6 candidates), 3339, and 4338) met with a grade point average of at least 2.5 based on the policy that grades lower than a “B-” in professional courses must have been repeated with a grade of “B-” or better and that such courses may be repeated only once; c) a grade point average of at least a 2.5 or better in all teaching fields or areas of specialization; d) an overall grade point average of at least 2.5; e) pre-student teaching field experience requirements met; and f) the professional qualities and personal commitment necessary for success designed to develop master classroom teachers. During student teaching, mentor teachers and members of the faculty continuously evaluate students and prepare reports on the progress of each student at the mid-point and end of their semester of student teaching.

STATE BOARD OF EDUCATOR CERTIFICATION (SBEC)
TEACHER CERTIFICATION REQUIREMENTS

To enter into the teaching profession, students must take the related Texas Examinations for Educator Standards (TExES) required by the State Board for Educator Certification (SBEC). Students seeking certification in French, Spanish, or Bilingual Education must also take the Texas Oral Proficiency Test (TOPT) and/or the Bilingual Target Language Test as required by SBEC. The Certification Officer of the School of Education approves all applications for TExES and TOPT leading to initial certification.

RECOMMENDATION FOR CERTIFICATION

The University of St. Thomas Certification Officer recommends certification only after a student has met all certification requirements, including a) completion of a bachelor’s degree; b) completion of Early Childhood through grade 6 (EC-grade 6), Grades 4 through 8, Grades 8- through 12 Early Childhood through grade 12 programs; and c) passing scores on all required TExES and the TOPT tests and/or the Bilingual Target Language Test.

In accordance with Article 6252-12c, Texas Civil Statutes, the Commissioner of Education may refuse to issue a teaching certificate for persons convicted of a felony or misdemeanor crimes that directly relate to the duties and responsibilities of the teaching profession. Applicants for Texas Certificates will be screened for a record of felony or misdemeanor convictions through the Texas Department of Public Safety. Potential applicants may wish to contact the Certification Officer regarding concerns about this Texas requirement.
THE FOLLOWING COURSES MAY BE TAKEN AS ELECTIVES BY STUDENTS WHO ARE 
NOT PURSUING TEACHING CERTIFICATION IN THEIR UNDERGRADUATE PROGRAM 
AND HAVE NOT BEEN ADMITTED TO TEACHER EDUCATION

EDUC 3303 Educational Psychology
EDUC 3304 Introduction to Curriculum and Instruction
EDUC 3306 Early Childhood through Elementary Age Learning
BIED 4330 Foundations and Methods of Second Language Acquisition
MS 3376 Essentials of Fine Arts
MS 4338 Adolescent Learning
RDGED 3304 Teaching Reading through Children’s Literature
SPED 3339 Human Growth and Development
SPED 4320 Exceptionality in Today’s Schools

COURSES

TEACHER EDUCATION (EDUC)

3100 - Field Experience Seminar I
Students interact with partnering schools’ teachers and students. These interactions occur in a variety educational settings with diverse populations and give students the opportunity to observe, model, and reflect on effective teaching practices, especially language arts and math instruction.

3301 - Field Experience Seminar II
Students interact with partnering schools’ teachers and students. These interactions occur in a variety educational settings with diverse populations and give students the opportunity to observe, model, and reflect on effective teaching practices focusing on reading and science instruction and teaching English language learners.

3302 - Field Experience Seminar II
Students interact with partnering schools’ teachers and students. These interactions occur in a variety educational settings with diverse populations and give students the opportunity to observe, model, and reflect on effective teaching practices focusing on reading, social studies instruction and teaching students with disabilities.

3303 - Educational Psychology
Analysis of theories of learning and their application to diverse student populations; study of individual differences, motivation and measurement of achievement.

3304 - Introduction to Curriculum and Instruction
Introduction to instructional responsibilities. Includes recognition of societal expectations, determining objectives, diagnosing a diverse learner population, planning and implementing instruction and creative, varied ways of evaluating learning outcomes.

3306 - Early Childhood Through Elementary Age Learning
Study of individual differences in development and approaches to learning, instructional strategies, assessment of learning and understanding and using standardized tests in early childhood through grade six classrooms.
3317- Elementary Methods
This course gives students the opportunity to review the scope and sequence of the Texas Early Childhood - Grade 4 curriculum as defined in the Texas Essential Knowledge and Skills (TEKS) and the pre-k guidelines in the areas of mathematics, science, social studies, and reading/language arts. Students will develop knowledge, ability, and skills necessary to teach this content to all students.

3339- Multicultural Populations
Investigation of curriculum needs in a culturally plural society. Explores concept of multicultural education, implications for educational programs, effects of cultural differences on teaching and learning. This course focuses on the knowledge, abilities, and skills which are part of the pedagogy across the Teacher Education Program and necessary for effective professional practice with a diverse student population.

4191, 4291, 4391, 4491, 4591, 4691- Internship in Education
Practicum experience under the guidance of practicing specialists in the field. Student will be supervised individually by a faculty member appointed by the dean.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Education
Student research on a selected, relevant problem pursued under the guidance of a faculty member assigned by the dean.

4193, 4293, 4393, 4493- Special Topics in Education
Topics investigated in group setting with faculty leadership. The special topic is subject to the approval of the dean.

4338- Classroom Management
Analysis and application of current theories of inspiring student behavior conducive to learning, including classroom discipline. An essential component of this course is investigating new ways of creating an effective environment for learning that can be applied to all students.

4360/4361- Student Teaching, Elementary
Directed study, observation and actual teaching in a cooperating elementary school. Twelve weeks, all day. 6 credit hours.

4360/4363- Student Teaching, Elementary/Bilingual
Directed study, observation and actual teaching in a cooperating elementary bilingual classroom with instruction given in English and the language of the target population. Twelve weeks, all day, 6 credit hours. The twelve weeks may be divided into 6 weeks in a regular education setting and 6 weeks in a special education setting.

4360/4364- Student Teaching, Elementary/Special Education
Directed study, observation and actual teaching in a cooperating elementary/special education classroom. Twelve weeks, all day. 6 credit hours.

4370/4371- Student Teaching, Secondary
Directed study, observation and actual teaching in a cooperating secondary school. Twelve weeks, all day. 6 credit hours.
BILINGUAL EDUCATION (BIED)

3337- Grammar and Guided Composition (SPAN 3337)

3339- Multicultural Populations
Investigation of curriculum needs in a culturally plural society. Explores concept of multicultural education, implications for educational programs, effects of cultural differences on teaching and learning. This course focuses on the knowledge, abilities, and skills which are part of the pedagogy across the Teacher Education Program and necessary for effective professional practice with a diverse student population.

4330- Foundations and Methods of Second Language Acquisition
Introductory survey of foundations and processes of language development. Current trends, methods, and techniques needed by teachers in various settings- public and private- for teaching linguistically diverse students. This course will provide opportunities for hands on experiences and how to integrate second language strategies in EC-12 classrooms.

4331- Teaching the Content Areas of Bilingual Education (Elementary)
The study of techniques to present elementary level subjects in the primary language and English to meet the unique needs of the bilingual students.

4333- Applied Linguistics (ENGL 4333)
General survey and introduction to linguistic theory and practice; emphasis is on the practical application of theory in the classroom. Includes contrasts with other languages.

4336- Teaching the Content Areas in English as a Second Language
This course will focus on the specialized techniques, processes and materials needed to integrate content area and English as a Second Language instruction for limited English-proficient students. Summer.

4362- Techniques of Teaching English as a Second Language
Techniques for oral language and written development. Authentic assessment and classroom management for language minority students.

4364- Spanish Language Arts for the Spanish Dominant Child
Strategies and teachings for developing oral and written proficiency in the primary language

4365- Spanish Literature for Children and Adolescents
Introduction to various literacy genres written in Latin America and in the United States. Use of thematic units and literature studies in the K-8 Spanish-medium classroom.

One of the following courses is required for ESL certification but is not offered through the School of Education: INST 3355- Intercultural Issues or POSC 3362- Minority Politics.
EARLY CHILDHOOD EDUCATION (ECE)

3370- Teaching the Young Child
The study of major child development theories, including and not limited to those which apply to a diverse student population in the early childhood classroom. Exploration of learning strategies that best meet the needs of children in the pre-k, kindergarten and early primary grades. Evaluation of state mandated curriculum as well as development of teacher prepared materials is a requirement of this course.

MULTIDISCIPLINARY STUDIES (MS)

3376- Essentials of Fine Arts
Investigates essentials of aesthetic arts. Includes expression through graphic arts, appreciation of art culture and heritage, appreciation of musical form and diversity, skill in musical expression and aesthetic growth through creative drama and appreciation of theatrical events.

4331- Essentials of Science
Investigates essentials of life, earth and physical science. Develops skill in the application of scientific processes.

4333- Essentials of Mathematics
Investigates the essentials of pre-number development, quantitative relationships, including concepts associated with numbers, basic operations and problem solving.

4335- Essentials of Social Studies
Investigates the essentials of civic responsibility. Includes concepts from the disciplines of economics, geography, history and political science as well as psychological, sociological and cultural factors.

4336- Computing and Technology
Designed to introduce basic computer concepts and major trends in educational computing. Provides extensive hands-on experience with three software application tools and other interactive media used in the classroom.

4338- Adolescent Learning
Investigates processes used by younger and older adolescents to master secondary curriculum. Includes variables related to analysis, synthesis and evaluation as well as variables related to type of concept to be learned.

READING EDUCATION (RDGED)

3303- Content Area Reading
Factors contributing to reading skill development. Techniques for teaching reading in the content areas.

3304- Teaching Reading Through Children’s Literature
Systematic approaches in using literature to encourage voluntary reading and build comprehensive skills: thematic units and using multietnic literature to help children function more effectively in a pluralistic society.
3305-Foundations of Reading
Approaches to teaching reading in the elementary school: emergent literacy (phonemic awareness, alphabetic principle, and fluency), vocabulary, comprehension, integration of reading and writing and teaching reading to students with special needs. Focus is on Response to Intervention with Scientifically based Reading Instruction (SBRI). Also includes observation of a variety of school settings, including one extended experience in a specific assigned classroom.

4325- Diagnosis and Remediation of Reading Difficulties
Designed to increase understanding of corrective reading strategies in elementary and secondary schools. Students will be able to demonstrate proficient application of their understanding of the following: the analytic approach to corrective and remedial reading; formal and informal measurements of reading performances; intervention strategies; instructional material; current trends and issues related to reading programs. Assessment is addressed using a 3 TIER Model of reading Instruction.

4377- Emergent Literacy
Examines the acquisition of literacy in young children, realizing that the development of these skills begins long before formal schooling. Specific topics include 1) developmental stages from infancy to kindergarten/first grade; 2) how young children develop literacy; and 3) developmentally appropriate instruction and classroom environment. Emphasizes the importance of phonological awareness and letter knowledge for later successful reading acquisition.

SPECIAL EDUCATION (SPED)

3339- Human Growth and Development (PSYC 3339)
Explores general processes of development: physical, cultural, interpersonal, emotional and the interrelationships among these processes.

4320- Exceptionality in Today’s Schools
This course provides an introduction to special education programs and services in today’s schools within the framework of inclusion, collaboration and evidence based on instructional strategies.

4322- Theory and Behavior of Students with Emotional Disorders
A theoretical understanding of the development and nature of the most frequently occurring emotional problems of children in schools. Prerequisite: SPED 4320.

4324- Practicum in Teaching Students with Emotional Disorders
The student will gain first-hand experience through case studies, observation and discussion in working with children with emotional problems. A minimum of 54 clock hours of experience will be required. Prerequisites: SPED 4320, 4322.

4325- Theories and Approaches to Teaching Students with Mild Disabilities
The course includes an analysis of the various approaches for providing instruction to the individual with mild disabilities. Language acquisition and cognition are examined to include normal, delayed and disordered development. Assessment techniques and individualized programming are covered in preparation to teach students with mild disabilities in the regular classroom with support services, resource or self-contained classrooms. Prerequisite: SPED 4320.
4326- Remediation Techniques for Students with Mild Disabilities
Curriculum modifications to be designed to meet the needs of children with mild disabilities. Students design and modify programs to meet education and social needs of children in regular classroom with support services, resource or self-contained special education classrooms. Prerequisites: SPED 4320, 4325.

4329- Practicum in Teaching Students with Mild Disabilities
First-hand experience in working with children with mildly disabling conditions. Students assist in the assessment, program design and implementation of appropriate education experiences for disabled children. Students participate in parent workshops providing information and support services to parents of children with mild disabilities. Prerequisites: SPED 4325 or permission of faculty member.

4331- Differentiating Instruction
This course will focus on providing students with disabilities access to the general education curriculum by differentiating content, process and products based on individual needs, interests, learning profile, and readiness levels. Prerequisites: SPED 4320, 4325, 4
Ms. Cecilia Abbott          Mr. John E. Hagale
Ms. Minnie Baird            Mr. David Harvey
Rev. Robert J. Barringer, CSB  Dr. Robert Ivany
Rev. Patrick Braden, CSB     Mr. Paul Layne
Mr. J. Downey Bridgwater    Mr. Raymond A. LeBlanc
Rev. Michael Buentello, CSB  Dr. Sandi Lemming
Rev. Brendan Cahill          Ms. Cora Sue Mach
Dr. Dorothy E. F. Caram      Ms. Michele Malloy, Vice Chair
Sr. Roberta Connors, FSE, MFA  Ms. Phyllis Mandola
Sr. Mary Roberta Connors, FSE  Rev. Joseph Pilsner, CSB
Mr. Michael Cordúa           Rev. Thomas Roscia, CSB
Rev. Robert W. Crooker, CSB  Ms. Kim Ruth
Mr. George DeMontrond, III   Rev. Ronald G. Schwenger, CSB
His Eminence Daniel Cardinal DiNardo  Mr. Robert Signorelli
Mr. Bruce Earthman           Dr. Guillermo Torre
Dr. Herbert P. Edmundson, Jr.  Mr. Randy Velarde
Ms. Frances Escriva          Mr. Don Wang
Mr. George Farris            Dr. Kenneth Wells
Mr. Michael Fleming          Ms. Raye White
Rev. Anthony Giampietro, CSB  Mr. A. Martin Wickliff, Jr
Ms. Maureen Hackett          Mr. Bruce Wilkinson
Mr. Fred Zeidma
UNIVERSITY ADMINISTRATION

President
Dr. Robert Ivany

Academic Affairs
Dr. Dominic Aquila, Vice President for Academic Affairs
Dr. John Palasota, Associate Vice President for Academic Affairs
Rev. Joseph Pilsner, CSB, Dean, School of Arts and Sciences
Dr. John Starner, Associate Dean, School of Arts and Sciences
Dr. Bahman Mirshab, Dean, Cameron School of Business
Dr. Natalya Delcoure, Associate Dean, Cameron School of Business
Dr. Nora Hutto, Dean, School of Education
Dr. Virginia Leiker, Associate Dean, School of Education
Dr. Sandra Magie, Dean, School of Theology
Dr. Lawrence DiPaolo, Associate Dean, School of Theology
Ms. Kimberly Sanders, Registrar, Dean of Academic Records
Dr. Ravi Srinivas, Dean, Extended of Extended Programs
Dr. Ricardo Montelongo, Associate Vice President for Student Success
Dr. Jerry Kramer, Writing Program Administrator
Mr. James Piccininni, Director, Doherty Library
Ms. Laura P. Olejnik, Director, Cardinal Beran Library
Ms. Sara Laidlaw, Director, Academic Advising
Dr. Constantina Michalos, Director, Tutorial Services
Dr. Terry Hall, Director, Honors Program
Dr. Hans Stockton, Director, Center for International Studies
Dr. Michele Simms, Director, Center for Business Ethics
Dr. Mary Catherine Sommers, Director, Center for Thomistic Studies
Sr. Paula Jean Miller, FSE, Director, Catholic Studies Program
Rev. Donald Nesti, CSSp, Director, Center for Faith and Culture
Ms. Lori Gallagher, Director, Center for Irish Studies
Dr. Poldi Tschirch, Director, Nursing Program Development
Dr. Ann Colemann, Director, Nursing Activity

Enrollment Management
Ms. Vickie Alleman, Vice President for Marketing Communication & Enrollment Management
Mr. Lee Holm, Director, Transfer Admissions and Operations
Mr. Arthur Ortiz, Director, Freshman Admissions
Ms. Lynda McKendree, Dean, Scholarships and Financial Aid
Mr. Phillip Butcher, Director, Veteran Services

Finance and Facilities Operations
Mr. James Booth, Vice President for Finance
Mr. Howard Rose, Assistant Vice President, Facilities Operations
Ms. Susan Rose, Treasurer
Ms. Karen Burns, Controller
Institutional Advancement
Mr. H. Ken DeDominicis Vice President for Institutional Advancement
Ms. Susan Bradford Executive Director, Institutional Advancement
Ms. Kia Wissmiller Director, Major Constituents
Mr. Thomas Spiriti Assistant Director, Major Constituents
Ms. Laura Dozier Director, Advancement Projects
Ms. Corey Flores Assistant Director, Advancement Projects
Ms. Deborah Crofoot-Morley Director, Development
Ms. Roya Esfandi Director, Information Resources
Ms. Diane Thornton Director, Planned Giving

Information Technology
Mr. Gary McCormack Vice President for Information Technology and Special Assistant to the President
Ms. Christine Barry Director, Central Computing Services
Mr. Mark Henderson Director, Technology Support Services
Ms. Joanna Palasota Director, Administrative Computing Services and Institutional Research
Mr. Tony Reyna Director, Network and Campus Computing

Marketing Communications
Ms. Vickie Alleman Vice President for Marketing Communication & Enrollment Management
Ms. Sandra Soliz Director, Communications and Marketing
Ms. Marionette Mitchell Director, Publications

Institutional Research
Mr. Gary McCormack Vice President for Institutional Research

Student Affairs
Ms. Patricia McKinley Vice President for Student Affairs
Rev. Michael Buentello, CSB Director, Campus Ministry; University Chaplain
Dr. Rose Signorello Executive Director, Counseling, Wellness and Disability Services
Ms. Debby Jones Assistant Director, Counseling, Wellness and Disability Services
Mr. Matthew Prasifka Director, Campus Life and Auxiliary Operations
Ms. Angie Montelongo Director, Student Activities
Mr. Todd Smith Director, Athletics and Men’s Basketball Coach
Mr. Daryl Bissett Director, Security
Ms. Yolanda Norman Director, Residence Life and Conference Housing
Ms. Lynette Stuck Assistant Director, Residence Life
Ms. Laurie LeBlanc Coordinator, Health Promotion and Wellness
Ms. Jessica Doman Director, Recreational Sports
Mr. Todd Smith Director, Athletics and Men’s Head Basketball Coach
Ms. Lindsey McPherson Director, Career Services & Testing, Dean of Students
Ms. Shelley Richard Assistant Director, Career Services & Testing
FULLTIME FACULTY


Lee H. Carl, 1974. Associate Professor, Accounting. BS (1971) and MBA (1974) Northern Illinois University. CPA,


Elizabeth Coscio, 2002. Associate Professor and Department Chair, Modern and Classical Languages; Program Chair, Spanish. BA (1969) University of Houston; MA (1986) Rice University; PhD (2001) University Of Houston.


John Deely, 1999. Professor, Philosophy; Rudman Chair in Graduate Philosophy. BA (1965), MA (1966) and PhD (1967) Aquinas Institute School of Philosophy.


Lawrence DiPaolo, 2006. Associate Dean and Assistant Professor, School of Theology. BA (1989), and MA (1990) University of Chicago; MA (2000) and PhD (2006) Loyola University, Chicago.


Ann Fairbanks, 1976. Professor and Chair, Music. MAT (1965) Yale University; DMA (1975) Ohio State University.


Ramón Fernández, 1983. CPA, CFP, CMA, CIA. Assistant Professor, Accounting. BA (1979) University of St. Thomas; MBA (1983) University of Houston.


Joseph M. Graham, 1970. Professor, Philosophy. BA (1947) and MA (1952) Assumption University of Windsor; PhD (1962) University of Notre Dame.

Gerald L. Gries, 1978. Professor, Chemistry; Department Chair, Chemistry and Physics. BA (1966) St. Meinrad College; PhD (1976) University of Notre Dame.

Terry Hall, 1993. Associate Professor, Philosophy; Director, Honors Program. BA (1971) and MA (1975) Oklahoma State University; PhD (1990) Catholic University of America.


Irving A. Kelter, 1989. Associate Professor and Department Chair, History. BA (1969) City College, City University of New York; MPhil (1987) and PhD (1989) Graduate School and University Center, City University of New York.


John F. X. Knasas, 1983. Professor, Philosophy; Bishop Nold Chair in Graduate Philosophy. BA (1970) Boston College; MA (1972) and PhD (1975) University of Toronto.

Paul J. Knopp, 1996. Associate Professor, Mathematics. BS (1957) Spring Hill College; AM (1958) Harvard University; PhD (1962) University of Texas.


Rick Krustchinsky, 1981. Professor, Education. BS (1973) and MEd (1974) Stephen F. Austin State University; EdD (1979) University of Southern Mississippi.


Janet Lowery, 1990. Professor, English; Cullen Foundation Chair in English. BS (1974) and MA (1980) State University of New York, Brockport; PhD (1990) State University of New York, Binghamton.


Kerry J. MacArthur, 1986. Associate Professor and Department Chair, English. BA (1979) St. John’s University, Collegeville; MA (1982) and PhD (1988) University of Notre Dame.


Thomas B. Malloy, 2000. Professor, Chemistry; Cullen Trust for Higher Education/Dolores Welder Mitchell Chair, Chemistry. BA (1964) University of St. Thomas; PhD (1970) Texas A&M University.


Claire M. McDonald, 1984. Professor, Drama; Department Chair, Fine and Performing Arts. BA (1977) Rice University; MFA (1983) University of Texas.


Christian Morosan, 2007. Assistant Professor, Marketing. BS (1997) Stefan cel Mare University, Suceava, Romania; MS (2002) and PhD (2005) Iowa State University.


Donald S. Nesti, CSSp, 1994. Professor, School of Theology; Director, Center for the Study of Faith and Culture. BA (1959) and BD (1964) St. Mary’s Seminary, Norwalk; MA (1976) University of Pittsburgh; STL (1966) and STD (1970) Pontifical Gregorian University.


Laura P. Olejnik, 1993. Associate Professor and Director, Cardinal Beran Library, School of Theology. BA (1966) Northwestern State University, Louisiana; MLS University of Texas; MLA (1999) University of St. Thomas.


John A. Palasota, 2000. Associate Vice President, Academic Affairs; Associate Professor, Chemistry. BS (1989) University of St. Thomas; PhD (1993) University of Houston.


Ravi Srinivas, 1993. Dean of Extended Programs; Associate Professor, Environmental Studies. BS (1985) Bangalore University; MS (1988) Baylor University; PhD (1994) State University of New York, Syracuse.
John W. Starner, 1998. Associate Dean, School of Arts and Sciences; Associate Professor, Mathematics. BS (1971), MA (1972) and PhD (1976) University of New Mexico.


Higinia Torres-Rimbau, 1987. Professor, Education; Director, Bilingual and Dual Language Programs. BA (1972), MA (1977) and DEd (1987) University of Houston.


John Whitney, 2009. Professor, Management and Marketing. BA (1949) University of Tulsa


Lee J. Williams, 1992. Professor, History; Vice President Emeritus, Academic Affairs. BA (1964) La Salle University; MA (1966) Niagara University; ACS (1966) Soviet and East European Institute, Niagara University; PhD (1981) State University of New York, Binghamton.

Robin N. Williamson, 1983. Professor and Department Chair, Communication; BA (1970) and MA (1973) University of Southern California; PhD (1983) University of Wisconsin.

Charles R. Young, 1990. Associate Professor, Political Science; Prelaw Advisor BA (1970) University of St. Thomas; JD (1975) South Texas College of Law.

Albert Ribes-Zamora, 2011. Assistant Professor, Biology
Professor Tom Bass, Political Science
Dr. Virginia Bernhard, History
Prof. Tom Borling, Music
Rev. Patrick O. Braden, CSB, Physics, President Emeritus
Rev. Victor Brezik, CSB, Philosophy
Rev. Daniel Callam, CSB, Theology
Dr. Josh Crane, Communication
Rev. Robert Crooker, CSB, Theology
Prof. William J. Cunningham, FSO (Ret.), International Studies
Dr. Anna L. Dewald, Dean Emerita, Education
Professor George Dubay, Mathematics
Dr. John Freeman, Meteorology
Dr. Louie A. Galloway, Chemistry & Physics
Professor Wilma Goetz, Sociology
Dr. Timothy W. Hagerty, Spanish
Dr. Ronald L. Hatchett, International Studies
Prof. Sam Havens, Drama
Dr. Yhi-Min Ho, Dean Emeritus, Business
Dr. Margaret Hutchison, Mathematics
Rev. Janusz A. Ihnatowicz, Theology
Dr. Nancy R. Jircik, Art History
Fr. William T. Kelly, Theology
Dr. Janice-Gordon Kelter, History, Master in Liberal Arts
Rev. James J. Keon, CSB, Philosophy
Dr. M. Jean Kitchel, Philosophy
Rev. Robert E. Lamb, CSB, History
Dr. Rolande Leguillon, French
Dr. Joy L. Linsley, English
Dr. Joyce A. Little, Theology
Dr. Joseph McFadden, History, President Emeritus
Rev. Joseph Meyers, CSB, Biology
Rev. Albert Moraczewski, OP, Theology
Rev. Harold O’Leary, CSB, Mathematics
Professor Elizabeth Ann Parr, English
Professor Anne C. Pinkerton, Biology
Rev. Peter Royal, CSB, Theology
Rev. Richard Schiefen, CSB, History, Vice President Emeritus
Rev. Frederick Sohn, CSB, Education
Dr. Ruth Strudler, Education
Dr. James T. Sullivan, Chemistry
Dr. Rima R. Vallbona, Spanish
Dr. Lee Williamses, Vice President Emeritus
Rev. William J. Young, CSB, French, President Emeritus
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