



UNIVERSITY
ST. *of* THOMAS

Undergraduate Catalog 2007-2009

Houston's Catholic University

**School of Arts and Sciences
Cameron School of Business
School of Education**

GRADUATE PROGRAMS • ACCREDITATION

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 77006-4696
Telephone: 713-525-2100 cameron@stthom.edu

Master of Education (MEd)

Dean, School of Education
3800 Montrose Boulevard, Houston, Texas 77006-4696
Telephone: 713-525-3540, strudler@stthom.edu

Master in Liberal Arts (MLA)

Director, MLA Program
3800 Montrose Boulevard, Houston, Texas 77006-4696
Telephone: 713-525-6951, srinivas@stthom.edu

Master of Arts in Philosophy (MA) Doctor of Philosophy (PhD)

Director, Center for Thomistic Studies
3800 Montrose Boulevard, Houston, Texas 77006-4696
Telephone: 713-525-3591, sommers@stthom.edu

Master of Divinity (MDiv) Master of Arts in 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, henry@stthom.edu

ACCREDITATION

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, 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)

Approved by:

The Texas Education Agency for Teacher Certification (School of Education)

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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.

4 VISION • MISSION STATEMENT

VISION STATEMENT

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

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.

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

HISTORY OF THE UNIVERSITY

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

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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.

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

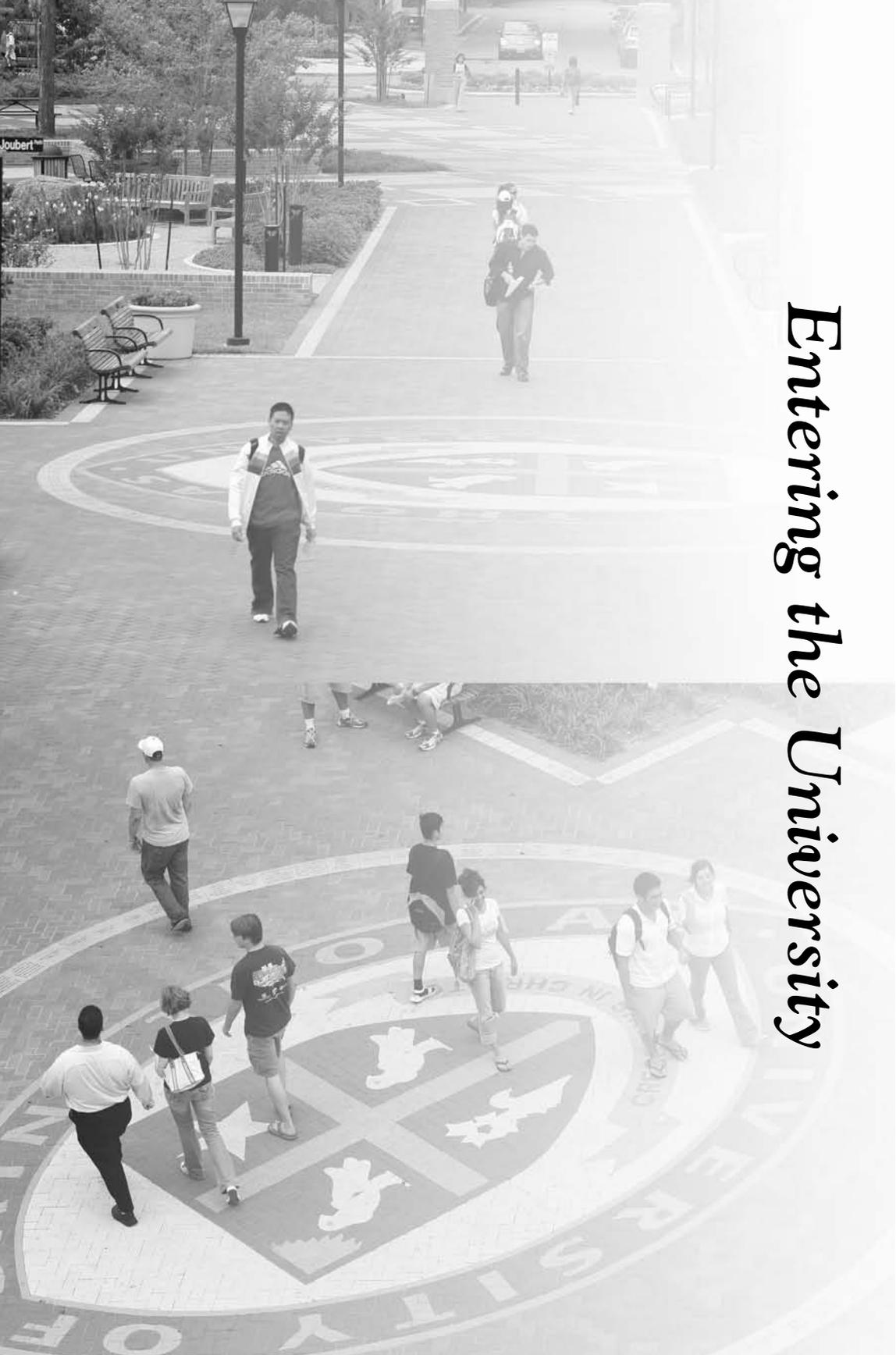
2007-2009 Academic Years

The University's academic calendar is available only online. Consult the UST Web site www.stthom.edu under "About UST".

CONTACT INFORMATION

WHERE TO GO FOR ANSWERS OR HELP

Academic Advising	Ms. Sara Laidlaw	Crooker Center
Address, change of	Registrar s Office	Herzstein Enrollment Center
Admissions	Dave Melton	Monaghan House
Freshman and Transfer	Admissions Office	Monaghan House
Business, Finance	Dr. Barry Wilbratte	Welder Hall
Education	Rev. Dennis Andrews, CSB	Malloy Hall
Liberal Arts	Ms. Sara Laidlaw	Crooker Center
Philosophy	Dr. Mary Catherine Sommers	Sullivan Hall
Theology/Divinity	Dr. Sandra Magie	School of Theology, St. Mary s
Seminary		
Auditing classes	Registrar s Office	Herzstein Enrollment Center
Billing Information	Business Office	Herzstein Enrollment Center
Campus Employment	Career Services	Crooker Center
Campus Ministry/Chapel	Rev. Daniel Callam, CSB	Crooker Center
	Sr. Maura Behrenfeld, F.S.E.	Crooker Center
Career Services &	Dean Patricia McKinley	Crooker Center
Testing Center	Ms. Lindsey Guthman	Crooker Center
Catalogs	www.stthom.edu	
Change of course (add/drop)	Academic advisor	
Class schedules	myStThom (Website)	
Community Service	Ms. Ellie Collier	Crooker Center
Counseling	Dr. Rose Signorello	Crooker Center
Degree plans	Academic advisor	
Degree progress	myStThom (Website)	
Fees, payment of	Business Office	Herzstein Enrollment Center
Financial Aid	Office of Scholarships & Financial Aid	Herzstein Enrollment Center
	Registrar s Office	Herzstein Enrollment Center
Graduation applications	Dr. Terry Hall	Honors House
Honors Program	Ms. Kiesha Montgomery	Guinan Residence Hall
Housing	Students Services	Crooker Center
ID Cards	International Student Advisor	Herzstein Enrollment Center
International Student Assistance	Office of Scholarships & Financial Aid	Herzstein Enrollment Center
Loans	Dining Services	Crooker Center
Meal	Student Affairs Office	Crooker Center
Medical services	Registrar s Office	Herzstein Enrollment Center
Name, change of	Security	Moran Parking Center
Police, University	Office of Scholarships & Financial Aid	Herzstein Enrollment Center
Scholarships	Dr. Hans Stockton	Tiller Hall
	Career Services & Testing Center	Crooker Center
Study Abroad	Registrar s Office	Herzstein Enrollment Center
Testing	Learning & Writing Center	Doherty Library
Transcripts	Veteran s Affairs Office/ Registrar s Office	Herzstein Enrollment Center
Tutoring		
Veteran Affairs		
Withdrawal		
from class	Registrar s Office	Herzstein Enrollment Center
from University	Registrar s Office	Herzstein Enrollment Center



Entering the University

UNDERGRADUATE ADMISSIONS

The Admissions Office 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 Admissions Office 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 telephoning the Admissions Office at 713-525-3500 or (toll-free) 1-800-856-8565, or via e-mail at admissions@stthom.edu. Prospective students may obtain admissions information and application materials by contacting the Admissions Office by phone or online at www.stthom.edu/admissions.

APPLICATION FOR UNDERGRADUATE ADMISSION

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. A graded writing sample.

Selected applicants may be required to participate in a personal interview with 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 2.50) 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. An official TOEFL score (required of all international students);
5. Competitive class rank if high school attended ranks graduates;

6. If appropriate, an official transcripts 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 2.50 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 Admissions Office.
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. No application fee will be charged for readmission.

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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. Prior to August 1, visiting students may register on a space-available basis; however, their registration may be cancelled should degree-seeking students need that space. 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.

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 Admissions Office 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.

An Admission Counselor and the International Student Advisor coordinate the admission process for undergraduate international students. The International Student Advisor is responsible for certifying each applicant's compliance with United States immigration requirements.

International applicants must submit all necessary admission forms and documents by July 1 for fall semester and by December 1 for spring semester.

Required for Admission Consideration:

1. Completed, signed University of St. Thomas application;
2. Payment of a nonrefundable application fee of U.S. \$25;
3. Application essay;
4. 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.
5. 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. 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 International Student Advisor 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.

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All international students are required to have valid medical insurance while in the United States. This insurance must be obtained before enrollment in the University and, if needed, it is available through the University's International Student Office 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 University Office of Veteran Affairs is under the supervision of the Registrar.

The Veteran Affairs Advisor 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. For additional information on the enrollment of veterans and dependents, refer to the section below titled "Academic Regulations for Veterans and Dependents."

CONDITIONAL ADMISSION

Conditional admission is reserved for degree-seeking students who do not meet one or more of the University's admission requirements but whose academic credentials indicate potential to succeed at the University. The Admissions Committee will review the files of students being considered for conditional admission. A personal interview may be required. If the Admissions Committee grants a conditional admission, it will establish academic requirements that the student must meet within a prescribed time. Criteria may include a required grade point average, a level of achievement for all grades and a limit on the number of credit hours for which the student may enroll. At the end of the established time, the Admissions Committee will review the student's University record to determine whether the student's status should be changed to a regular admission status, continue as conditional admit for an additional semester, or the student should withdraw from the University.

ADDITIONAL REQUIREMENTS FOR ADMITTED STUDENTS

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

1. Enrollment deposit: A \$200 enrollment confirmation deposit is required for students planning to attend the University. The deposit should be submitted within 30 days after receiving notification of admission, and it will apply toward the first semester's tuition. For students entering in the fall semester, the deposit, upon written request to the Assistant Vice President for Admissions, is refundable until May 1.
2. Record: The requisite form will be provided with the applicant's letter of admission and should be returned to the Admissions Office with the enrollment deposit.
3. Housing Application: Students wishing to reside in campus housing are encouraged to submit an Application for Housing to the Admissions Office simultaneously with the enrollment deposit. Housing notification and contracts are not issued until an enrollment deposit is received. When a housing contract is issued, a \$300 room reservation deposit is required. Upon written request, this deposit is refundable until May 1.
4. Financial Aid Application: All financial aid applications should be directed to the Office of Scholarships and Financial Aid. Students are strongly encouraged to file for financial aid as soon as possible after January 1 of the year in which they plan to enroll. 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 Admissions Office 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. Information about these sessions may be obtained by contacting the Admissions Office, 713-525-3500, or admissions@stthom.edu.

COLLEGE COURSES FOR HIGH SCHOOL STUDENTS

Superior high school students who demonstrate the ability to do college-level work in particular subjects may apply to the University to take classes in these subject areas. Students applying for this program must provide SAT or ACT test scores and a competitive cumulative high school grade-point average in college preparatory courses. Admitted high school students may take up to two classes during each summer term and one during each regular session at 50 percent tuition. Students eligible for this program must have completed at least six semesters of high school work and be recommended by a high school teacher of the discipline they wish to study. Permission of the course instructor is required prior to registration. Students who register prior to August 15 may do so on a space-available basis, knowing that

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their registration may be preempted by a degree-seeking student until that date. Interested students should make all arrangements through the Assistant Vice President for Admissions.

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.

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 Admissions Office for most 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. Hours earned at two-year colleges will always be treated as lower-division hours.

The evaluation of transferable credits and courses is normally completed by the time of initial registration. This requires that transfer applicants provide complete, official transcripts to the Admissions Office early in the admission process. 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.

CREDIT BY EXAMINATION

The University participates in several programs - AP (Advanced Placement), CLEP (College Level Examination Program), IB (International Baccalaureate), and ACS (American Chemical Society) - that recognize college-level academic achievement before matriculation and encourage students to pursue areas of special interest at an advanced level.

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 the Registrar's site or in the Office of Academic Advising.

For transfer students, the University accepts as transfer credit examination credit applied to students' transcripts at other institutions. No additional test transcripts are required.

DEPARTMENT STANDARDS

Department	Minimum Score	Credit for
Accounting		
CLEP Principles of Accounting	50	1341, 1342
Art History		
AP Art History	4	1350
Chemistry		
CLEP Chemistry	50	1341, 1342
AP Chemistry	4	1341, 1342
ACS Exam	Review for Credit	1341, 1342
IB Chemistry (Higher Level)	6	1341, 1342
To receive credit for the required laboratory that parallels 1341 and 1342, consult the department chair. The examination alone does not fulfill the requirement for core curriculum, minor, or major program credit.		
Drama		
Comprehensive Final Exam	80%	1330
Economics		
CLEP Principles of Macroeconomics	65	1331
CLEP Principles of Microeconomics	65	1332
AP Macroeconomics	4	1331
AP Microeconomics	4	1332
English		
AP English Literature & Composition	4	1341*
CLEP English Composition with Essay and CLEP Analyzing and Interpreting Literature	50	
IB English (Higher Level)	7	1341*

*Honors students will receive AP, CLEP, or IB credit for 1342.

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History

CLEP History of the U.S. I	50	2333
CLEP History of the U.S. II	50	2334
AP U.S. History	4	2333 & 2334
AP European History	4	1336
AP World History	4	1336
CLEP Western Civilization I	50	1335
CLEP Western Civilization II	50	1336
IB World History (Higher Level)	6	1336

To be granted CLEP credit, students must submit a research paper in history to the chair of the department demonstrating proficiency in research and writing. History majors granted AP or CLEP credit for U. S., Western Civilization, European or World History must fulfill the required 36 hours of the major with other history courses.

Management Information Systems

AP Computer Science	3	1340
IB Computing Studies	5	1340

Mathematics

AP Calculus AB	4	1431
AP Calculus BC	4	1431-1432
AP Mathematics AB	4-5	1431
AP Mathematics BC	4-5	1431-1432

For information on additional credit allowances and placements, contact the department chair.

Modern & Classical Languages

Classics, French, German, Other LOTE (languages other than English), Spanish

AP Language	3	1331-1332
AP Language	4 or 5	2331-2332
AP Literature	4 or 5	2331-2332
IB Standard Level	6 or 7	1331-1332
IB Higher Level	5	1331-1332
IB Higher Level	6 or 7	2331-2332

CLEP Written and ACTFL Oral both required for any credit through either.

6 credits of any language will be given only after completing 3 hours in the same language at UST. Regardless of exam taken or grade given, no more than 6 credit hours will be awarded..

Music

AP Music Theory	3	2363
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Philosophy

IB Philosophy (Higher Level)	6	3 credit hours
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Restriction: credits will fulfill core requirement only for students who complete the 9-credit core sequence (historical or systematic), in which case the IB credits can be counted as a fourth course toward the core requirement.

Physics

AP Physics B	3	1331, 1332
AP Physics C	3	2333, 2334

To receive AP credit for Physics, students must take the corresponding one credit hour laboratory. Both course and lab are necessary to fulfill the science core curriculum or minor program requirement.

When a student qualifies for credit for Physics 1331, 1332, 2333, or 2334, by virtue of an AP examination, the corresponding laboratories, Physics 1111, 1112, 2111 2112 are not included in these AP credits. Laboratories must be taken for credit when they are offered in the fall, spring or summer I regular sessions of the university.

Political Science

CLEP American Government	50	2331 or 2332
AP Government and Politics: U.S.	3	2331 or 2332

Psychology

AP Psychology	4	1332
CLEP Introductory Psychology	50	1332
CLEP Human Growth and Development	50	2332
IB Psychology (Higher Level)	6	1332



Financial Information

TUITION AND FEES

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

Tuition

(for school year 2007-2008)

Undergraduate	per hour \$ 630
Audit	per hour \$ 315

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 $3 \times 590 = \$1,770$.

Deposit (applicable to tuition)

Payable by first-time and readmit students upon acceptance	\$ 200
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Fees (refundable on same basis as tuition)

Activity Fee:	
Undergraduate full-time	\$ 85
Undergraduate part-time	\$ 50
Undergraduate summer-term	\$ 20

Special Fees (non-refundable)

Application (varies per school)	\$ 15-35
Company Deferment	\$ 50
Diploma (copy)	\$ 50
Drama (stagecraft)	\$ 10
International Student (student visa holder)	\$ 75
Late Registration	\$ 50
New Freshman Student Fee	\$ 125
New Transfer Student Fee	\$ 50
Official Transcript Fee	\$ 8.25
Same Day Transcript Fee	\$ 25

Room and Board

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

Payment of Accounts

Students should check the status of their account online through myStThom via the University Web site 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 15-week (regular) semester: 100% refund up to the first nine days of the semester; 75% refund up to the first 14 days of the semester; 50% refund up to the first 19 days of the semester; 25% refund up to the first 24 days of the semester; 25% refund up to the first 24 days of the semester; no refund will be granted after the 24th day of the semester.

For 7-week semester: 100% refund up to the first three days of the semester; 75% refund up to the first 7 days of the semester; 50% refund up to the first 10 days of the semester; 25% refund up to the first 12 days of the semester; no refund will be granted after the 12th day of the semester.

For 6-week semester: 100% refund up to the first three days of the semester; 75% refund up to the first five days of the semester; 50% refund up to the first six days of the semester; 25% refund up to the first eight days of the semester; no refund will be granted after the eighth day of the semester.

For 5-week semester: 100% refund up to the first three days of the semester; 75% refund up to the first five days of the semester; 50% refund up to the first six days of the semester; 25% refund up to the first eight days of the semester; no refund will be granted after the eighth day of the semester.

The date of withdrawal will be the date on which the Registrar officially signs the withdrawal form. Note also that day refers to class days and includes holidays (and, in the 15-week session, Saturdays). If no official signature has been obtained from the Registrar, no refund will be granted.

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 deletion from the University.

24 FORMS OF PAYMENT

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 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 myStThom 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 FACTS Tuition Management 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 deposit 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 Business Office 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. To support our mission of excellence, more than \$5 million in merit-based scholarships are awarded each year. At the time of admission, various criteria are considered in the scholarship award process, including grades, standardized test scores and class rank. Scholarship awarding begins in November. First-time freshmen, readmitted 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 may be applied to any session, including fall, spring, summer and study abroad.

All applicants are strongly urged to complete the FAFSA form 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 purposes.

Eligibility Requirements for New Students

In addition to meeting the requirements of individual scholarships, first-time freshmen, readmitted, and transfer scholarship students must:

1. Be degree-seeking;
2. Once having been awarded the scholarship, carry a course load of at least 14 credit hours during the fall and spring semesters;
3. Once the scholarship is awarded, earn a minimum 3.00 cumulative GPA. Recipients of the President's with Distinction Scholarship, the Basilian Fathers Scholarship and the Vincent J. Guinan, CSB, Scholarship must maintain a 3.15 cumulative GPA following the completion of 24 credit hours;
4. Be a citizen or permanent resident of the U.S., or eligible alien (I-55, I-551, I-151, I-94 I-688, or have a certificate of naturalization).

Scholarship recipients are encouraged 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 the scholarship has been funded by a specific donor.

26 SCHOLARSHIPS

Eligibility Requirements for Continuing Students

Continuing students can compete for scholarships by meeting the following requirements:

1. Complete the Scholarship Application for Continuing Students, available from the Office of Scholarships and Financial Aid;
2. Be degree-seeking;
3. Once a scholarship is awarded, carry a course load of at least 14 credit hours during the fall and spring semesters. Scholarship recipients who do not maintain full-time enrollment or a 3.00 cumulative grade point average at the end of their first year will be placed on academic probation for one semester. If, after one semester of probation, the student has not met the eligibility requirements, the scholarship will be cancelled. Students can appeal one time to the Scholarship Committee if their scholarship is cancelled;
4. Have a cumulative grade point average of at least 2.0 at the end of their first semester. Recipients who fall below this minimum will lose their scholarship and have only one opportunity to appeal this cancellation.

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 for a deferment along with supporting documentation to the University Scholarship Committee. During the deferment period, scholarship recipients may not accrue more than eight university credits from any post-secondary institution. Continuing students who request a deferment may not be enrolled elsewhere without an approved UST Transfer of Credit Form.

To Maintain Scholarship Eligibility, Recipients Must:

1. Maintain full-time, degree-seeking status in 14 or more credits each semester;
2. Earn a minimum 3.00 UST cumulative GPA. Recipients of the Vincent J. Guinan, CSB, Scholarship must maintain a 3.15 cumulative GPA following the completion of 24 credit hours.

FULL-TUITION SCHOLARSHIPS FOR INCOMING FRESHMEN

Vincent J. Guinan Catholic High School Scholarship: Five renewable scholarships are awarded to students who have a 1400 SAT (32 ACT) and a rank in the top 10 percent of their class, or those with a 1300 SAT (29 ACT) and a rank in the top five percent of their class and are graduates of a Catholic high school.

OTHER FRESHMAN SCHOLARSHIPS

President's Scholarship: Based on SAT or ACT scores and class rank or GPA.

St. Thomas Aquinas Scholarship: Based on SAT or ACT scores and class rank or GPA.

Francis E. Monaghan, CSB, Scholarship: Based on SAT or ACT scores and class rank or GPA.

George Foundation Scholarship: Residents of Fort Bend County who have graduated in the top 25 percent of their class.

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 FAFSA and a Parish Scholarship application available from the University Admissions Office, the University Office of Scholarships and Financial Aid or parish priests in participating parishes. Freshmen who have graduated in the top 25 percent of their high school class or transfer and continuing students with at least a 3.00 GPA and demonstrated financial need are given priority consideration.

SCHOLARSHIPS FOR TRANSFER STUDENTS

Francis E. Monaghan, CSB: Candidates are transfer students with a cumulative transfer GPA of at least 3.00.

UNIVERSITY SCHOLARSHIPS, AWARDS AND GRANTS

Many of the following 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

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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
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.

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
Archaeology	Friends of Archeology
Archaeology	Mullins Archeology
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
Education	Kappa Delta Pi Anna L. Dewald Endowed Scholarship for Education
Education	Fondren Graduate 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
French	French Scholarship
History	Rev. Robert E. Lamb, CSB, Endowed Scholarship in History
History	Joseph M. and Norma M. McFadden Endowed Scholarship

History	Rowan and Mae Cardwell Scholarship
International Studies	Pecten Chemical Scholarship in International Studies
Mathematics	Distinguished Student of Mathematics Scholarship
Mathematics	Dr. William A. and Margaret Reddie Scholarship in Mathematics
Music	The Crow Family Endowed Scholarship
Music	John Dickson Peck Kelley Scholarship
Music	Jimmy Don Smith Scholarship
Music	Marie Trapolino Scholarship in Music
Music	Erno Valasek Scholarship in Music
Music	Mrs. Cora Brent Warren Scholarship in Music
Philosophy	Fondren Graduate Scholarship
Philosophy	Brezik Graduate Philosophy
Prelaw	George Burkitt Memorial Scholarship
Prelaw	Terrence G. McGreevy Prelaw Scholarship
Prelaw	J.C. and N.L. Gallagher
Prelegal	Lawyers Alumni Fund Scholarship
Psychology	Julia Arnold Schnapp Scholarship in Psychology
Theology	The Torczon Endowed Scholarship Fund
Volunteer Opportunity	Michael Levitt Memorial

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 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.

30 FINANCIAL AID

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 FAFSA or the Renewal Application. UST's priority financial aid deadline date is April 15; however, to maximize student's aid eligibility, the student is encouraged to complete the FAFSA as early as possible after January 1. Normal processing time of the FAFSA by the Department of Education is 4-6 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. The computer must be equipped with certain U.S. versions of Netscape, Internet Explorer, America Online, or Mozilla Firefox browsers and a printer. Students must file the Free Application for FAFSA online at www.fafsa.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 into the University, and have met the minimum Satisfactory Academic Progress before 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

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 as follows:
3. Undergraduate: 2.00 GPA
4. Graduate: 3.00 GPA
5. 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 credits attempted with zero quality 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.

Academic Competitiveness Grants for 2006-07

For undergraduate students with exceptional financial need, are Pell Grant recipients, and have not yet completed a baccalaureate degree. A student may receive up to \$750 (for a first-year student) or \$1,300 (for a second-year student) to pay for higher education, if the student has successfully completed “a rigorous secondary school program of study.” Second-year recipients must also have attained at least a 3.0 GPA in their first year of undergraduate education.

SMART Grants: 2006-07

For undergraduate students with exceptional financial need, are Pell Grant recipients, and have not yet completed a baccalaureate degree. Qualifying third- or fourth-year students may receive up to \$4,000 per year to pay for higher education, if the student majors in mathematics, science, or a critical foreign language.

Tuition Equalization Grant (TEG): A state-sponsored program for Texas residents who meet state-specified eligibility requirements. Maximum full-time award is established annually. Students awarded the TEG after 9/1/2005 are required to maintain full-time status and for undergraduates sustain a 2.5 cumulative GPA.

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

TEXAS Success Grant: State sponsored program for students with exceptional need who have graduated in an accelerated high school program. No awards made for fewer than 9 credit hours of enrollment. This program currently being phased out.

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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.

Federal Perkins Loan: A long-term federally funded loan program for students with exceptional need. The amount awarded varies. Interest of five percent begins nine months after the borrower ceases to be enrolled or is enrolled less than half-time. Federal Perkins Loans are made through the University of St. Thomas, which is the lender.

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 with 6 credit hours of degree requirements, the entire loan will be forgiven. Full-time enrollment is required.

Federal Stafford Loan: Subsidized and unsubsidized low-interest, long-term loans provided by participating banks and other lending institutions. 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 is variable, not to exceed nine percent. 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 these 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 graded with a "C" 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 their academic transcript again.

The Financial Aid Appeal Committee will consist of the Dean of Scholarships and Financial Aid (chair); a Financial Aid Counselor, the Director of Academic Advising, representatives from the Registrar's Office, the Business Office, a representative from the student's graduate program (in the case of a graduate student's appeal), and a representative from the Counseling Center.

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 for to the Office of Scholarship by the date listed on their notification. The 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

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

FINANCIAL AID REFUND

Students who withdraw from the University or cease to be enrolled at least half-time may be required to repay all or a portion of their financial aid. Financial aid refunds and/or repayments are calculated in accordance with federal policy and are applied to the funds received in the order prescribed by federal policy. Drop forms will not be signed until this calculation has been performed.

EXIT INTERVIEW

Loan recipients who withdraw from the University or who cease to be enrolled at least half-time are required to attend an exit interview. It is the student's responsibility to schedule an exit interview with the Financial Aid Office prior to departure. All University services, including issuance of transcripts and diploma, will be withheld if an exit interview is not completed.



University Life

STUDENT SERVICES

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 beginning to develop significant improvements. Famous architect Philip Johnson designed the University's academic mall, dominated by the Chapel of St. Basil at one end and Doherty Library on the other. Directly west, and running parallel to it, is the Student Life Mall, featuring the Gueymard Memorial Garden and Chartes Labyrinth; Moran Center, with its parking garage, bookstore and student lounge; Crooker Student 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 the student. 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 225,000 volumes and current subscriptions to more than 19,000 periodicals. The library provides various study areas, including a silent reading room, for students and faculty. The Doherty Library uses the Dynix automated library system and has online resources available through the library Web site, <http://library.stthom.edu>. There are also listening and viewing facilities for the library's collection of non-print materials. 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 Thomism, contains approximately 11,000 volumes in the area of medieval philosophy, theology and history. This collection supports the scholastic 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 in the lower level of the Doherty Library and is open to all students. 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 Frank E. and Marilyn Tritico Library, containing 3,500 volumes, is maintained by the School of Education and is located in Malloy Hall. It includes a large holding of state-adopted textbooks for use in teacher education.

The Music Program in Cullen Hall has more than 2,500 scores and 15,000 audio recordings as well a listening station for student use.

The Cardinal Beran Library at St. Mary's Seminary, 9845 Memorial Drive, is an integral part of the University's School of Theology. It subscribes to 375 periodicals, houses approximately 64,000 volumes, 1,200 pamphlets, 2,200 audio-visual items and several CD-ROM resources. The Beran Library Web address is <http://beran.stthom.edu>.

LEARNING AND WRITING CENTER

The LWC offers assistance to currently enrolled students who wish to excel in their academic performance. Two interconnected services comprise the LWC, the Writing Lab and the Peer Tutoring Program. The UST educational program encourages writing in all courses and emphasizes appropriate writing for different disciplines within the humanities, natural sciences and social sciences. To qualify for a degree, all students must complete at least one upper-division writing-intensive course in their major program.

At the LWC students receive personalized instruction in writing from well-trained student tutors. All tutors must meet specific requirements, be recommended by UST faculty, and undergo a training program. Peer tutoring is available to students for most of the subject areas in which they are taking courses. Supplementing this one-on-one guidance are an ever expanding Website, reference books and helpful handouts, giving instruction in everything from mastering the comma to how to write a thesis statement.

The LWC is open six days a week, 9 a.m. to 8 p.m. Monday through Thursday, with shorter hours on Friday and Saturday. The LWC schedule for each semester and other academic sessions is available on the University's Web site, www.stthom.edu, campus services section, along with important LWC policies for student users. Because of its wide range of academic services, the Learning and Writing Center is another means by which the University fosters the highest potential of all its students.

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 e-mail, registration, access to class schedules, grades, online payment services, and a course management system for course notes, materials, quizzes, etc. on a 24 hour/7 days a week basis. Student organizations and clubs are eligible for Web space and email accounts.

Most classrooms have sophisticated, computerized, video projection systems that are permanently installed. Several classrooms are equipped with student computer workstations. Wireless laptop carts are assigned to departments on campus for group work in the classroom.

The primary student computing lab houses computers connected to instructional servers and printers. These Window-based systems run a variety of applications software. In addition, computers designated for student use are available in the Learning and Writing Center, Language Lab, Doherty Library, Guinan Residence Hall, and several other departmental laboratories, such as Chemistry and Psychology. Students may also use their own computers with the wireless network.

OFFICE OF STUDENT AFFAIRS

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: Counseling and Disability Services, Career Services and Testing, Campus Ministry, Residence Life, Recreational Sports (including the Jerabeck Activity and Athletic Center), Health Promotion & Wellness, Student Activities, Volunteer Opportunities, and Campus Security.

Student Affairs collaborates with other University offices to provide supportive and professional services for both traditional and non-traditional students.

The Office of Student Affairs also helps coordinate the Student Government Association, the Student Activities Board, the Council of Clubs, student identification cards, and management of the Crooker Center, as well as overseeing the Code of Student Conduct.

For information on any of the above or if you have concerns, complaints, or ideas, please contact the Office of Student Affairs 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 emotional adjustment, mental health problems, developmental issues, academic skill-building and crisis intervention. Individual services are short-term and follow a brief model. Counselors will assess the nature and extent of a student's concern and make appropriate recommendations. The following are some guidelines regarding the types of concerns C&DS can address:

- **Counseling:** C&DS offers individual, group and couples counseling for students who are experiencing personal concerns such as anxiety, depression, academic performance, life goals, family issues, relationship problems or other emotional distress.
- **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 provided when more lengthy counseling sessions are not appropriate or necessary.
- **Academic Skill Building:** C&DS conducts campus workshops on various study skills topics such as time management, test taking, and improving memory and concentration.
- **Campus Outreach:** C&DS provides educational training opportunities for the campus community covering areas of interest such as personal wellness, healthy relationships and stress reduction.
- **Crisis Intervention:** C&DS is available for urgent student mental health problems in need of immediate attention. If there is a psychological emergency 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 holidays (Easter, Thanksgiving and Christmas) when students are not on campus and on-call psychological emergency services are not available.

- **No-Fee Services:** All services are provided with no extra fee to currently enrolled University students. Faculty, staff and students are welcome to use C&DS for consultation, information and referral services. University employees who are not also students will receive only limited consultation.
- **Mediation:** C&DS is available to resolve conflicts for student situations in which it might be useful to have a third party respond.
- **Referrals:** If a student has needs that exceed the scope of C&DS's resources, referrals will be made to appropriate professionals in the community.
- **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.

Disability Services for Students

C&DS also provides academic accommodations for students with disabilities. If a student has a documented disability, reasonable and appropriate academic accommodations for students who qualify under Section 504 of the Rehabilitation Act of 1973 are available to ensure equal access to programs and opportunities at the University. 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 learning 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 diagnostic documentation of the disability and the student's needs. Appropriate documentation identifies the disability and indicates how it substantially impairs current major life activities (e.g., learning, working, walking, seeing, hearing, etc.) 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 accommodations, the Committee for Academic Accommodation reviews the student's request. The Committee will review the documentation and make recommendations appropriate to the student's needs within the learning environment.
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. If testing accommodations are granted, C&DS will notify the office of Career Services and Testing. The student must renew this authorization through C&DS early each semester to ensure continuation of academic accommodations.

The University abides by Section 504 of the Rehabilitation Act of 1973 and other federal mandates that stipulate qualified students with disabilities receive appropriate accommodations in order to obtain equal access to programs and opportunities at the University.

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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, Wellness 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 Assistant Vice President for Human Resources and Auxiliary Operations.

More information is available at www.stthom.edu/counseling. For an appointment or additional information, contact Counseling Services at 713-525-6953 or 713-525-3162.

NOTICE OF 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 Section 504 of the Rehabilitation Act of 1973, as amended, 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, Wellness and Disability Services 713-525-3162

Primary for Faculty and Staff Employees: Assistant Vice President for Human Resources and Auxiliary Operations 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, Wellness and Disability Services will maintain files and records for students; the Assistant Vice President for Human Resources and Auxiliary Operations 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, Wellness 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 Assistant Vice President for Human Resources and Auxiliary Operations. 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 and Enrollment Management (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, TX 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:

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, Wellness and Disability Services will address the complaint. If the accusing individual is a faculty or staff employee, then the Assistant Vice President for Human Resources and Auxiliary Operations 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

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possible and need not wait for the written response of the accused party, unless deemed appropriate by the Grievance Officer. If the Assistant Vice President for Human Resources and Auxiliary Operations is the accused party, the Complainant will contact the Vice President for Finance instead of the Assistant Vice President for Human Resources and Auxiliary Operations. If the Director of Counseling Services is the accused party, the Complainant will contact the Vice President for Student Affairs and Enrollment Management instead of the Executive Director of Counseling, Wellness 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 people 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.

f. 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

HP&W is committed to the advancement of the health and well-being of the University of St. Thomas community. Health Promotion and Wellness will assess and respond to the health and wellness 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, substance abuse, fitness and nutrition, men's and women's health issues, etc. A health fair is held every April 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 role models to reduce risk in behavioral choices in accordance with the Catholic tradition.

Goals of the REACH Peer Educator Program:

- 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 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.
- UTHS is located on Fannin Street 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.
- Questions about medical services available may be directed to UTHS at 713-500-3267.
- There is currently no health center on campus.

UST Shuttle Service

- The University provides shuttle service to and from UTHS. Shuttle hours are 11 a.m. - 3 p.m. Monday through Friday, running from August until May. Shuttles are currently driven by UST security officers.
- It is not necessary to make an appointment to ride the shuttle. The shuttle is located in the circle drive between Guinan Residence Hall and the Moran Center Parking Garage on Graustark.

Insurance

HP&W is currently offering health insurance for students from an independent provider, Martin-Brown and Associates. They offer several different types of health insurance for both individuals and families.

Please 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.stthom.edu/career.

Career Services available include:

- career counseling
- Career Resource library
- résumé 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 Accommodations. For more information and to view the complete testing policy, visit www.stthom.edu/career. 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, 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, Sophomore Advisors, and Peer Mentors), 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 in campus housing 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, a licensed peace officer, 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. First-year traditional students may apply for housing in our Augustine Living-Learning Community or Guinan Residence Hall. Residents of Augustine Hall and Guinan Hall must purchase one of the meal plans offered by the University.

Augustine Hall Living-Learning Community

Any regular full-time freshman student who is committed to the integration of faith and reason, faith and life may apply for admission to the St. Augustine Living-Learning Community. This experience is open to men and women in any major program and of all religious faiths. The LLC is under the direction of the Franciscan Sisters of the Eucharist, whose home is adjacent to St. Augustine Hall.

Augustine Hall offers a furnished two-bedroom or a one-bedroom with loft apartment unit with 1^{1/2} baths, a fully equipped kitchen, and a non-commercial laundry room. All units are cable-ready and equipped with Ethernet and telephone services.

In addition to sharing a living experience, Augustine residents take Freshman Odyssey and three foundational courses that together provide a solid intellectual, social, and spiritual foundation for liberal arts education at UST, as well as for the integration of faith, reason, and life. In the fall semester students register for a paired course (Philosophy of the Human Person / Teachings of the Church); the spring semester course is Mapping the Catholic Cultural Landscape - a multi-disciplinary introduction to the Catholic intellectual tradition.

Members of the LLC live, study, and socialize within and are called to serve the greater UST and Houston communities. Service projects within the Houston metropolitan area will be coordinated through Catholic Charities, while service and leadership opportunities at UST will be coordinated through Campus Ministry. A variety of opportunities enables students to develop diverse skills, enlarge their experience, and provide for leadership training.

The LLC will take a monthly excursion together into Houston's arts and sciences museums, cultural events, or land-based projects. The group will be guided and directed by one of the LLC staff who is professionally expert in the field and able to challenge the students to draw creative relationships between what they experience on the excursion and what they are learning at the University.

Students will attend a weekly Mass followed by a discussion on issues proposed by students, faculty, or staff. These discussions will be core to the integration of faith, academics, and life and will aim at fostering growth as a community. Principles of community living, reconciliation of differences, and a deeper understanding of the moral norms guiding personal and social actions will center discussions. A chaplain for the program will celebrate the weekly liturgy and provide the opportunity for other sacraments and spiritual devotions as needed.

Admission to Augustine Hall is by application and interview. Successful candidates will have a good scholastic record and a history of involvement in extracurricular activities and community service. Applicants will submit a short essay expressing their interest in the LLC, their understanding of their commitment to the integration of faith, academics, and life, and their personal expectations from the program. Each applicant will be interviewed by representatives of residence life and of the Franciscan Sisters of the Eucharist.

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.

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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, cable, and telephone service. Rooms are designed around beautifully manicured gardens and courtyards, and every room opens onto a balcony or patio.

Residents have 24-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 24 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 have immediate access to trained professional staff.

Services and Amenities

Residents of campus housing have the advantage of participating in activities designed specifically for them. Each week our Residence Life Staff create opportunities for residents to become involved in our community through participation in social, spiritual, and educational 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.

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. Application forms are available through the Office of Admissions. When the Office of Residence Life receives a completed Housing Application, 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 University's Housing Interest 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

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 for the entire University community. At the beginning of the fall semester, the traditional Mass of the Holy Spirit draws the community together to dedicate the year to the wisdom and guidance of the Holy Spirit. Formal programs for adult baptism and confirmation are coordinated through the Campus Ministry Office.

In addition to personal spiritual direction and counseling in which all University priests assist, Campus Ministry organizes student retreats, informal Bible studies, prayer services, small faith-sharing groups, discussions and reconciliation services. Each year Alternate Spring Break trips are organized as well as summer volunteer opportunities. Campus Ministry sponsors and supports student groups such as Celts for Life and works conjointly with the Office of Volunteer Opportunities, Counseling Services, Residence Life and Student Activities to assist the university members in social justice and other current issues and volunteer activities. The Basilian Fathers are available for confession before or after daily Mass or by appointment. All members of the University community are welcome to join in the activities of Campus Ministry.

The Chapel of St. Basil the Great

Campus Ministry and the Chapel of St. Basil are the center of the University's spiritual life and mission. The academic mall, with the Chapel of St. Basil at one end and the Doherty Library at the other, represents faith and reason in dialogue. This is the idea of a Catholic university, where the covered walkway connects the various academic disciplines, each seeking the truth about God and the world.

The Chapel's name derives from 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. It is the setting for Sunday and daily Eucharist, including occasional Masses in Spanish and French. Religious concerts, organ recitals and vespers services also take place in the Chapel. The Chapel is open daily for private prayer and reflection. Tours may be booked through the Campus Ministry Office. Those seeking to be married in the Chapel of St. Basil must be members of the University. The Chapel Use Policy is available at www.stthom.edu/ministry/index.html and from the Campus Ministry Office, in Crooker University Center, 713-525-3589.

JOHN H. CROOKER UNIVERSITY CENTER

Crooker Center is the hub of student extracurricular activities. It is the location of a number of offices including, Student Affairs, Campus Ministry, Career Services and Testing, Counseling & Disability Services, Dean of Students, Student Activities, Volunteer Opportunities, Academic Advising, and Dining Services. Additional student offices include the Student Government Association, Student Activities Board, 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, four racquetball/handball courts, men s and women s locker rooms, a weight room, a fitness room, a dance room, sauna, and several large classrooms. Outdoor facilities at the JAAC include 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 Campus Life and the Assistant Director of Recreational Sports are 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 Campus Life at 713-525-3512, prasifm@stthom.edu.

Following is the current list of recognized sports clubs:

- Coed Cycling Club
- Coed Fencing Club
- Coed Martial Arts Club
- Coed Racquetball
- Men s and Women s Soccer Clubs
- Men s Baseball Club
- Men s Basketball
- Men s Rugby Club
- Women s Volleyball Club

OFFICE OF VOLUNTEER OPPORTUNITIES

The Office of Volunteer Opportunities, OVO, a department within Student Affairs, provides students, staff, faculty, and alumni the opportunity to increase personal and academic growth through community service. Further, it seeks to encourage a culture of service and civic engagement within the University.

OVO offers access to hundreds of volunteer opportunities for individuals and groups, including student-led programs, one-time events and ongoing service. Benefits for the volunteers include gaining work experience, exploring social issues, working with diverse groups of people, exercising leadership skills, connecting classroom theory and practical application, sharing energy and ideas, and expanding capabilities in a way that will be valuable when entering graduate or professional school or the world of employment. OVO reflects the commitment of the University of St. Thomas to community service, to living the values taught at the University, and to reaching out to the larger community.

The office is located in the Michael Leavitt Room on the second floor of Crooker Center. For information and assistance, drop by, call 713-525-3800, or e-mail ellie@stthom.edu. See our Web site at <http://www.stthom.edu/studentaffairs/volunteer/>

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

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.

Cauldron, University Newspaper - The University of St. Thomas newspaper, *Cauldron*, is student-run and it serves a readership of approximately 3,000. The majority of the articles come from Communication Department newswriting classes; however, the newspaper considers articles from anyone on campus. *Cauldron* 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 *Cauldron* staff. Offices are located in the Communication Department.

Chinese Student Association - This organization supports UST students from China by assisting in their integration to the campus. Through hosting traditional events (Lunar New Year) and opportunities for native Chinese speakers to interact with native English speakers.

Coed Cycling - This club is open to both undergraduate and graduate students. The club promotes bike safety and sponsors informal as well as formal rides. The club participates in the annual MS 150.

Coed Racquetball - This club promotes physical fitness and healthy lifestyle through playing racquetball. The club meets weekly and organized multiple tournaments each semester.

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Council of Clubs, COC - The 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 listing 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 practical application of these issues and other environmental practices.

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.

Filipino Students' Association, FSA - This group assumes the responsibility of promoting unity among Filipino students, increasing awareness of Filipino culture in the University, and fostering good will and camaraderie among the student body while in pursuit of academic excellence.

International Student Association - 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.

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, there by 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 the Houston Men s Amateur Baseball League. The club plays at various sites throughout the city of Houston. The club also participates in games against other university club teams.

Men's Basketball - The Men s Basketball Club competes in the North Harris Montgomery Community College District, NHMCCD. The league consists of Houston area colleges and universities and is active during the fall semester. In the spring, the club competes in the NIRSA regional intramural basketball tournament.

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.

Student Organization of Latinos, SOL - This is open to all students interested in the advancement of Latino students during and after their careers at the University of St. Thomas. To promote the general social, economic and cultural advancement of the Latino students, SOL uses experiential and social interactions as the primary strategies for learning and as the basis for providing both on- and off-campus activities.

Union of the Politically Progressive, UPP - This organization presents alternative views of politics by bringing in speakers and hosting programs that raise awareness about current events and social issues.

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 Area Collegiate Soccer League, HACSL. The league consists of Houston area colleges and universities and is active in both the fall and spring.

Women's Volleyball - The Women's Volleyball Club competes in the spring semester in the Houston Area Collegiate Volleyball League, HACVL. The league consists of Houston area colleges and universities.

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 between 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 (formerly TSEA) - 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.

Association of German Students (AGS) - AGS promotes interest in the German language, literature and culture of the various German-speaking countries and areas of the world. Each semester a program of activities helps AGS to realize its purpose. It also exists to give its members a deeper knowledge and appreciation of international issues and developments.

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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.

Director's Cut - The purpose of the organization is to provide an infrastructure to create cinematic material, to foster an atmosphere for the expression of dramatic creativity, and to promote a sense of comradeship by bringing together other clubs and organizations' resources to further the greater good.

Drama Club - This organization supports the UST drama department and its students in their endeavors. Students perform in theater productions and encourage others to appreciate the fine arts.

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.

El Club Hispánico - This club's purpose is to enliven interest in the Spanish language and Hispanic culture. Activities include on- and off-campus enrichment opportunities such as sponsoring or attending lectures and films and visiting museums concerned with language or culture. All students are invited to participate, whether currently studying Spanish or not, and regardless of their level of ability. "Charla" is an informal opportunity for students to practice Spanish language skills regularly outside the classroom setting. All students are invited to participate, even those not currently studying Spanish, regardless of their level of ability.

German Club - This group promotes the German culture and language via support from the Modern and Classical Languages Department. Oktoberfest is the highlight event that this organization hosts. Other programs are held throughout the year.

Graduate Investment Club - This organization assists graduate students in learning more about investing. It is one of several organizations within the Cameron School of Business.

Hispanic Business Student Association, HBSA - This organization exists to promote the interest and advancement of Hispanic business students by hosting many speakers and providing networking opportunities with local businesses and community services.

History Society - This organization seeks to increase awareness of history as a multi-disciplinary field that serves as a means to 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.

Iota Sigma Sigma (Management Information Systems Society) - This organization provides a forum through which students with an interest in computers may share, learn and work together. The group provides networking opportunities, skills advancement and other activities to promote the crucial role that MIS has in the business community.

Laurels - Laurels is an annual student-produced literary magazine that provides opportunities for writers, illustrators and photographers to have their work published.

Mathematics at the University of St. Thomas, M.U.S.T. - This chapter of the Mathematical Association of America, founded in 1995, aims to promote interest in and research activities for undergraduates in the many fields of mathematics. The chapter sponsors the Undergraduate Math Seminar as a forum for presenting student research projects. This chapter encourages and promotes participation in and presentation at the annual meeting of the Texas Section of the Mathematical Association of America.

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.

St. Thomas More Political Science Club - This organization works closely with the Political Science Department to raise awareness about current political events by hosting speakers, candidates for political office, including gubernational, and other programs.

HONOR SOCIETIES

Alpha Psi Omega - Drama Honor Society - The Drama Club is open to all University students who wish to be active in the Drama Program's season of productions.

Members of the Drama Club help support the Drama Program in many ways on and off stage. The club is also responsible for organizing fundraisers, and it sponsors the Alpha Alpha Beta Chapter of the national Drama Honor Society, Alpha Psi Omega. Membership in 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 Lambda - 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-time 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 crosslisted through other departments). Student who hold a cumulative GPA of 3.2; with a 3.3 in Catholic Studies courses are invited to apply. Normally undergraduate students are junior or seniors in good standing. The Society serves at The Archbishop Miller Lecture Series and sponsors two other seminars each year; it sponsors Stations of the Cross on the Academic Mall during Lent and co-sponsors the Loving 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; 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. 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 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 information systems 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.

Omicron Delta Epsilon - The Economics Department sponsors the Lambda Chapter of Omicron Delta Epsilon, an international honor society which has the objectives of conferring distinction for high scholastic achievements in economics and of stimulating and promoting student interest in all aspects of this subject. Students in any major qualify for Omicron Delta Epsilon membership if they have a 3.00 GPA overall and a 3.00 GPA in at least 12 credit hours of economic courses.

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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

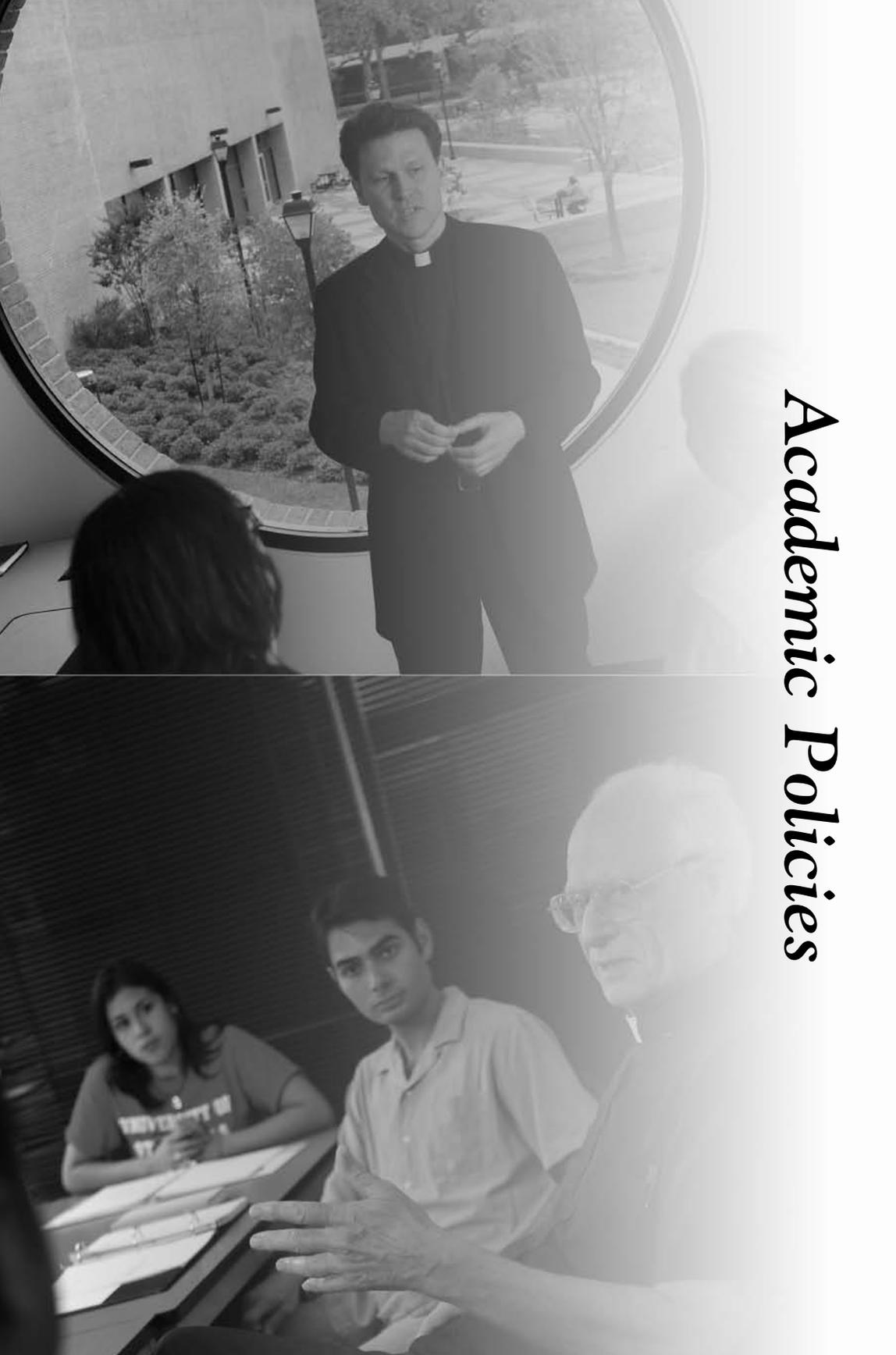
The University of St. Thomas expects a high standard of conduct from all of its students. As a Catholic university, these standards are grounded in our University mission statement and Basilian tradition. The Code of Student Conduct outlines both individual and group behaviors that students must maintain to meet these standards as well as the means for enforcing them. 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 & Enrollment Management administers the University's non-academic regulations listed in the Student Handbook, which can be found on the University of St. Thomas Web site, www.stthom.edu/campus/handbook.pdf. All of the 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.

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 & Enrollment Management. All formal complaints made to the Vice President for Student Affairs & Enrollment Management must be in writing and include the name, address, e-mail 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 & Enrollment Management University of St. Thomas 3800 Montrose Blvd. Houston, Texas 77006 Phone: 713-525-3570 E-mail: studentaffairs@stthom.edu	The Texas Higher Education Coordinating Board P.O. Box 12788 Austin, Texas 78711 Phone: 512-427-6101
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Academic Policies



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 Academic Advising 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 a UST student. They also become acquainted with some of the support services available on campus. Freshmen share a common experience in the required course UNIV 1101 - Odyssey, an introduction to the complex intellectual processes and experiences that contribute to academic achievement.

Freshmen are placed with highly qualified and dedicated FYE 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 FYE advisor weekly during Odyssey and should continue to maintain regular contact throughout their freshman year. Students may declare a major no sooner than the end of 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 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 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. Students may pursue a double major, requiring completion of both majors in entirety; a joint major, for which an agreement between two departments reduces the total course requirement for each of the two majors; and one or more minors, which must also be declared in order to appear on the student's transcript.

Adult Students

First-time and returning adult students receive special assistance through the Assistant Director 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 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 Academic Programs 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 University Office of Veterans Affairs under the supervision of the Registrar. 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.

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 accord 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 50 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.

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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. 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 17th class day are not recorded on the transcript. From the 18th class day and ending with the last day of the 9th week of each semester, official drops are recorded as W, a grade not computed in the GPA. All drops attempted after the 100% refund deadline for any given semester must be submitted in person to the Registrar's office for processing.

Audit Students

Individuals who wish to audit a course 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 does appear on the transcript if the course is completed. Change in status between audit and credit may not be made 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

A	=	4.00 grade points per credit hour
A-	=	3.70 grade points per credit hour
B+	=	3.30 grade points per credit hour
B	=	3.00 grade points per credit hour
B-	=	2.70 grade points per credit hour
C+	=	2.30 grade points per credit hour
C	=	2.00 grade points per credit hour
C-	=	1.70 grade points per credit hour
D+	=	1.30 grade points per credit hour
D	=	1.00 grade points per credit hour
F	=	0.00 grade points per credit hour
P	=	Credit earned without impact on the student's GPA. See the policy on Pass/Fail Option.
I	=	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 the 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."
IE	=	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."
W	=	Withdrawal or drop from a course without jeopardy or effect on GPA, in the period beginning with the 18th day of classes and ending with the last day of the 9th 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."
AUDIT	=	Audit only; no credits earned.
NGS	=	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 negative impact on a student's term or cumulative GPA.

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

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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.

Students are strongly encouraged to consult with their advisors prior to any type of withdrawal. A student who has withdrawn from the University must contact the Admissions Office regarding readmission.

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. This may be done using 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 those students who stopped attending classes before the last day to withdraw with a "W" each semester. Medical withdrawals may be made after this date with a grade of "W," but no refunds will be granted.

The Office of Scholarship 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.

All 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 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 (excluding those in physical education):

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 1.7 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 more than two final examinations in one day may petition the Registrar to have the overload exam(s) rescheduled.

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. Makeup examinations are not permitted during the semester in which they are originally scheduled.

Repeating Courses

A student may repeat a course taken at the University provided that the original grade was lower than "B" (3.00). 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 notation on the transcript will indicate repeated courses.

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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 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 computation of the GPA, a course must be repeated at the University of St. Thomas.

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. Faculty members are not authorized to post final grades or release them to students by any other means. Students should review their grades carefully. No course grades may 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 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 Director of Academic Advising or 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 3.75, summa cum laude; 3.50, magna cum laude; 3.25, 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 3.30 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 Sigman 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 3.30.

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 3.30.

DEFICIENT PERFORMANCE, PROBATION AND DISMISSAL

Early Warning Analyses

The University is concerned when students perform at a deficient level. At the end of the sixth week of class or its equivalent, faculty members will fill out an Early Warning Analysis form for freshman and sophomore students who have a cumulative grade lower than C- in 1000- and 2000-level courses. The Registrar will circulate a copy of the report to the student and academic advisor, who will discuss the deficient performance with the student. These reports do not become a part of the student's permanent record but provide an early warning for students who encounter academic difficulty during their first semesters in the University. They help the advisor make appropriate recommendations for the next semester.

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. If students manifest severe deficiencies in their performance, they may be dismissed without having been on probation.

Undergraduate students must maintain a cumulative GPA of 2.0 or better in their course work at UST. Students who have completed nine UST semester credit hours and whose cumulative GPA falls below 2.0 will be placed on academic probation. Students who are on academic probation must earn a minimum 2.0 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 2.0 and will begin with the first class meeting of the next semester. Academic probation will be noted permanently on students' academic records.

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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:

1. They are on probation and are unwilling to accept the conditions of their probation or do not conscientiously fulfill the conditions of their probation. The student's academic advisor will make recommendations to the dean or Registrar on these matters.
2. Students may be dismissed from the University for other reasons, including academic dishonesty and violation of 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. The Admissions Committee 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 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 people 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 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.

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- 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 no 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 the end of the semester they were admitted. Those who fail to comply with this requirement will be denied registration for subsequent semesters until the files are complete.

Records

The Registrar of the University is responsible for maintaining official student educational records.

Changes to academic records

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 Web site. 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.

Privacy Act Regulations

Under the Family Educational Rights and Privacy Act of 1974, 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. 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

74 REQUIREMENTS FOR BACHELOR'S DEGREE

The founders of the University of St. Thomas stated clearly that their objective was to fashion an institution that would prepare men and women for life. Neither they nor their successors excluded professional training and education from the curriculum. They admitted, however, in the first University catalog, that their educational ideal was primarily cultural. They sought the education of the whole man and his preparation for life on all human levels as opposed to a restricted professional formation.

All students at the University of St. Thomas study literature, history, mathematics, natural science, a foreign language, social science, communication skills (speaking, writing) and fine arts. Liberal education should include at least some appreciation of these areas of study. Unlike those attending many similar institutions, our students, regardless of their religion (and all are welcome), must also engage in extensive study of both theology and philosophy. The first University catalog stated that the University of St. Thomas gives the place of honor to theology as queen of the sciences. In so doing, the University is reaffirming the traditional practice of the Church in her university program, since Pope Gregory IX issued the charter of the University of Paris in 1232, the first in the Christian West. According to that tradition, religious truth is not merely a portion of general knowledge, but its very condition. Philosophy was, and is, viewed as complementing theology by responding to the deepest questions posed by our minds as we seek to understand our relation to God, nature, time and culture.

The breadth provided by the core curriculum better prepares our students for their chosen major programs and their professions. The earliest University catalogs, including the first one, for the 1947 inaugural year, cited a passage from the writings of Cardinal John Henry Newman (1801-1890) to explain the objectives of the University of St. Thomas:

Here, then, I conceive, is the object of the Holy See and the Catholic Church in setting up universities; it is to reunite things which were in the beginning joined together by God, and have been put asunder by man. 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

The core curriculum is the foundation of the University's liberal education, in its extent and interconnections a program of studies that forms and informs minds, attempting to liberate them from ignorance of essential truths about human existence, accomplishments, and dignity. Shared by all students, this curriculum is the principal means by which the University imparts its core values and carries out its combined moral, intellectual, and religious mission.

CORE CURRICULUM GOALS

(Approved 2004)

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

1. **Theology and Philosophy:** 24 credit hours combined total as follows:
 - a. 9 credit hours of theology: THEO 1300, then THEO 2300, and then any upper-division THEO course.
 - b. 9 credit hours of philosophy: three consecutive courses in either the historical or the systematic sequence; and
 - c. 6 credit hours of approved courses in theology and/or philosophy.

The 9 credit hour core requirement in philosophy cannot be completed with courses from both sequences, nor may both first-year philosophy courses be applied to the combined core requirement in theology and philosophy.

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Courses beyond the initial 9 credit hours may be taken in either sequence with the exception just noted. Freshmen are required to complete 6 credit hours of theology and/or philosophy in their first 30 hours of enrollment.

Students who transfer with 1-29 credit hours are required to complete the 24-hour requirement as outlined above.

Students who transfer with 30-59 credit hours are required to complete 9 credit hours in both theology and philosophy, as follows: THEO 1300 or 3300, THEO 2300 or 3310, one additional upper-division THEO course. One three-course sequence in philosophy.

Students who transfer with 60+ credit hours are required to complete 6 credit hours in both theology and philosophy. Following are the recommended courses for students who need upper-division credit to fulfill the graduation requirement of 36 credit hours of 3000-4000 level courses: THEO 3300, THEO 3310, PHIL 3315, PHIL 3316.

All students are required to complete a minimum of 6 credit hours in both theology and philosophy at the University of St. Thomas.

2. **English:** 12 credit hours completed in the order shown in the department offerings. Freshmen are required to complete 6 credit hours of English in their first 30 hours of enrollment.
3. **Foreign Language:** 6 credit hours, that is, two courses completed in the approved order. Languages offered in traditional format have been French, German, (Classical) Greek, Latin, and Spanish. Recent additions are Arabic, Chinese Mandarin, and Irish. Languages in non-traditional format and possibly acceptable for core credit include Hebrew, Italian, Japanese, Korean, Portuguese, and Vietnamese. (These are by special arrangement and require approval of the MACL department chair).
4. **History:** 6 credit hours of history from the following selections:
Freshmen and sophomores:
HIST 1335 - World Community I and
 1336 - World Community II
 or
 2333 - United States to 1877 and
 2334 - United States since 1877

Students transferring 60 or more credit hours:
HIST 3303 - Europe: The Middle Ages and
 3304 - Europe: The Early Modern Age
 or
 3331 - Age of Revolutions: Europe 1715-1870 and
 3332 - Era of Great Wars: Europe 1870-1950

The two history core courses do not have to be taken in sequential order.
5. **Social and Behavioral Sciences:** 6 credit hours from among economics, geography, international studies, political science, psychology and sociology.
6. **Natural Sciences:** 8 credit hours of laboratory sciences (2 four-credit lecture & lab courses, or 2 three-credit lectures with corresponding one-credit-hour labs) from among astronomy, biology, chemistry, environmental studies, geology and physics. 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.

7. **Mathematics:** 3 credit hours of mathematics at the level of MATH 1351 (Finite Mathematics) or higher. MATH 1315 (Intermediate Algebra) does not satisfy core or graduation requirements.

8. **Oral Communication:** 3 credit hours

a. School of Arts and Sciences - one of the following courses:

COMM 1331 - Public Speaking
2332 - Persuasion and Argumentation

b. Pastoral Studies majors:

YBPH 3200 - Homiletics Practicum

c. Cameron School of Business (Accounting, Business Administration, Marketing and Economics majors):

MGMT 3320 - Business Communications

d. School of Education:

MS 3333 - Oral Communication

9. **Fine Arts:** 3 credit hours

a. Schools of Arts and Sciences and Business - one of the following courses:

ARTHS 1350 - Introduction to the Visual Arts
2351 - Survey of Art I
2352 - Survey of Art II

Any upper-division art history course

DRAM 1330 - Introduction to the Theatre

3329 - Screenwriting

3331 - Playwriting

3339 - History of the Theatre

FPA 1332 - Survey of Fine Arts I

1333 - Survey of Fine Arts II

MUSC 2363 - Basic Musicianship I

3340 - Music and Western Civilization

Any upper-division music course

b. 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.

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

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 nontransfer, must attempt the mathematics requirement within their first 60 credit hours (including transfer hours).

78 REQUIREMENTS FOR BACHELOR'S DEGREE

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 is no minimum requirement). Every major program must provide a minimum of 6 credit hours of free electives.

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 that will ensure 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.

No later than the completion of 90 credit hours, as part of the application to graduate, students must obtain the approval of the department in which they are seeking a minor to guarantee that the necessary requirements have been fulfilled. Each minor is officially 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 No. 1 and NO. 2 above.

80 REQUIREMENTS FOR BACHELOR'S DEGREE

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.

Academic Programs



Programs of Study

Special University Offerings

Honors Program
Living-Learning Center
Study Abroad Programs
Cooperative Programs
Preprofessional Programs

Majors

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

** Students will not be admitted to this major until further notice.*

Minors

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

Preprofessional Programs

Health Professions Programs
Engineering Cooperative Program
Prelaw Program

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

English: Communication, Drama, Philosophy

History: Philosophy

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

Mathematics: Philosophy, Spanish

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

Political Science: Communication, Environmental Studies, Philosophy

Psychology: Philosophy, Theology

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

Theology: Philosophy, Psychology

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 3.50 on a 4.00 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.

PROGRAM REQUIREMENTS

Students must maintain an overall GPA of 3.00 (“B” standing) in their honors courses and an overall GPA of 3.00 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:

HNRS 1391- The Tribe and the City
1392- From Empire to Christendom
2391- Church and Nation
2392- Revolution and the New Empires
3391- Community Service Project
4394- Independent Research Project
4395- Contemporary Problems Seminar

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); theology (a fourth course); philosophy (the fourth course beyond the systematic or historical sequence); history (any course); social science (any 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; Job; and Psalms; Homer, *The Iliad*; Herodotus, *The Histories*; Plato, *Republic*; Aeschylus, *Agammemnon*, *Libation Bearers*, *The Eumenides*; Sophocles, *Oedipus Tyrannus* and *Oepidus at Colonus*; Euripides, *The Bacchae*.

1392 - From Empire to Christendom

The ideals of Founder, Patrician, Soldier, Martyr, Bishop, Monk, Knight, Lady, Friar and Scholar are examined in this course. The reading list includes: Virgil, *Aeneid*; Cicero, *On Duties*; Plutarch, *Lives*; Juvenal, *Satires*; From the Bible: Luke and Acts; Ignatius, *Letter to the Romans*; Acta of Felicity, *Perpetua*, and others; Athanasius, *Life of Anthony*; Augustine, *Confessions*; Ambrose, *Letters*; *The Rule of St. Benedict*; *The Song of Roland*; *Quest of the Holy Grail*; *The Letters of Heloise and Abelard*; Aquinas, *On Kingship*.

2391 - Church and Nation

The ideals of Monarch, Scientist, Reformer, Missionary, Explorer, Artist, Gentleman and Gentlewoman, Politician and Mystic are examined in this course. The reading list includes: Chaucer, *Canterbury Tales*; Dante, *The Inferno*; Teresa of Avila, *Interior Castle*; Calder n, *Life is a Dream*; Pisan, *The Treasure of the City of Ladies*; Machiavelli, *The Prince*; More, *Utopia*; Galileo, *Discoveries and Opinions of his Writings*; Luther, *Selections from his Writings*; Shakespeare, *Henry V*; Columbus, *Four Voyages*; Milton, *Paradise Lost* and Moliere, *The Bourgeois Gentleman*.

2392 - Revolution and the New Empires

The ideals of Scientist, Philosopher, Diplomat, Revolutionary, Pioneer/Entrepreneur, Gentleman, Social Scientist, Worker and Citizen are examined in this course. The reading list includes: Newton, *Mathematical Principles of Natural Philosophy*; Descartes, *Discourse on Method*; Rousseau, *Social Contract*; Franklin, *Autobiography*; Tocqueville, *Democracy in America*; Smith, *Wealth of Nations*; Marx and Engels, *Communist Manifesto*; Darwin, *Origin of Species*; Mary Wollstonecraft, *A Vindication of the Rights of Women*; Newman, *Idea of a University*; Mary Shelley, *Frankenstein*; Fredrick Douglas, *Narrative of the Life of Frederick Douglass*; Mill, *On Liberty*; Leo XIII, *Rerum Novarum*.

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 justice from 20th century writers are assigned, including John Paul II, *Laborem Exercens*; Dorothy Day, *On Pilgrimage*; Peter Maurin, *Easy Essays*; Alasdair MacIntyre, *Whose Justice, Which Rationality?*; *The Autobiography of Malcolm X*; Tom Wolfe, *Bonfire of the Vanities*; Virginia Woolf, *A Room of One s Own*.

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 a 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, are encouraged to present the results of their research at the Symposium. Students may also present their research at local, regional, national, and international conferences, and many 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: Hans Stockton, stockth@stthom.edu
Coordinator: Diana Garcia, garciad@stthom.edu

The University of St. Thomas offers a variety of study abroad opportunities. It is in the top 10 % of universities in the United States for the percentage of students who study abroad. All students are eligible for study abroad. The University is constantly increasing the number and types of ways for its students to develop a global perspective. Gaining knowledge about different peoples and cultures through internships and study in foreign countries is valuable preparation for participating in the emerging global economy and culture. The University offers students individual exchanges, group summer programs and group programs of a shorter duration. Information is available at www.stthom.edu/academics/programs/studyabroad/ or from the Study Abroad Office located in the Center for International Studies, at 713-525-3530.

INDIVIDUAL EXCHANGE PROGRAMS

Individual programs allow students 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 the University of St. Thomas 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, Australia, Canada, Chile, France, Hungary, Ireland, Japan, Mexico, Spain and Taiwan.

Individual Non-exchange Programs

A student 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 requirements.

University SHORT-DURATION PROGRAMS

The University of St. Thomas offers several opportunities each year to study abroad with a group of students for two to three weeks. One professor teaches a short-duration program of one course for 3 credit hours. Short-duration programs are conducted during the break between fall and spring semesters or in the summer. Previous locations for these programs have been in Argentina, China, London and other European capitals. The location and course content vary from year to year.

University SUMMER ABROAD PROGRAMS

The University of St. Thomas offers a variety of five-week summer programs. From year to year locations rotate among France, Italy, Mexico and the British Isles. In these summer programs, two University professors teach students at a location abroad, and students register for 6 credit hours of course work. These courses are treated as if they were taken in residence. Course offerings vary from year to year but must be appropriate for the location.

88 STUDY ABROAD PROGRAMS

Cameron School of Business Programs

The Cameron School offers one summer group program of approximately one week on campus and two weeks abroad. These programs are restricted to graduate students and have offered courses on marketing, management, finance, and economics. Past programs have toured Europe's economic capitals, China, and Argentina.

University Program in Mérida, Mexico

The Mérida 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 Non-native; or a selected Spanish literature course.

University Program in Ireland

Past programs have been conducted in Limerick, Ireland, and 2007 marks the first summer experience in Maynooth, Ireland, close to Dublin. Course offerings have included international studies, psychology, history, economics and Irish literature. Students attend class for one week on campus prior to four weeks abroad. Long weekends allow students to travel throughout Europe.

University Program in France

The France program has been held in Lyon, France. Course offerings have included French, international studies, history, philosophy, psychology and economics. Students attend class for one week on campus prior to four weeks abroad. Long weekends allow students to travel throughout Europe.

University Program in Italy

The Italy program, conducted by Catholic Studies travels to Assisi, Florence and Rome and offers courses in theology and another area of study, such as art history. This experience makes Italy the classroom, with planned excursions to the Basilica of St. Francis, Rocca Maggiore, the Colosseum, Michelangelo's Moses, the Vatican Museum, St. Peter's Basilica and other sites.

University Program in Spain

The Spain program has been conducted in Barcelona, Spain (Abat Oliba University), since 2005. Courses have rotated among business administration, international studies, history, psychology and economics. Students attend class for one week on campus prior to four weeks abroad. Long weekends allow students to travel throughout Europe.

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: Michael R. Colvin, Chair, Department of Mathematics, colvinm@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.

GLASSSELL SCHOOL OF THE HOUSTON MUSEUM OF FINE ART 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

2+2 AGREEMENTS WITH COMMUNITY COLLEGES

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, but 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.

ROTC CROSS-ENROLLMENT

AIR FORCE ROTC

Commander and Professor:

Colonel Phil Bossert

Associate Professors

Captain Brian K. Kusiak

Captain Albert Chapman

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 through 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 online at www.uh.edu/afrotc.

90 STUDY ABROAD PROGRAMS

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 mater s degree). The ICSP awards cover tuition capped at either \$15,000 per year plus \$750 per year for books or \$9,000 per year plus \$750 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 \$750 for books. Recent majors which qualified for express scholarships included electrical 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 three times per week at 0600 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 Colonel Phil Bossert at 713-743-4932 ext. 3707, or visit the University of Houston Air Force Web site 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).

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ARMY ROTC

Although the University of St. Thomas does not have an Army Reserve Officer Training Corps 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 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, 713-743-3875 ext. 3883, or University of St. Thomas Office of the Registrar, 713-942-3465.

PREPROFESSIONAL PROGRAMS

HEALTH PROFESSIONS PROGRAMS

Contacts: Ellis L. Nordyke, nordyke@stthom.edu
John A. Palasota, japalaso@stthom.edu

The University of St. Thomas Health Professions programs (premedical, 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 preprofessional 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

Contacts: Ellis L. Nordyke, nordyke@stthom.edu
John A. Palasota, japalaso@stthom.edu

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 Medical College Admissions Test, MCAT, for admission to medical school and for the practice of medicine. Medical school admissions committees do not favor science over nonscience 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.

Criteria for Admission to the UST Premedical Program:

1. Currently enrolled full-time student having completed either 15 hours at UST or transfer student with a maximum of 36 credit hours;
2. Combined SAT score of at least 1100;
3. Completion of General Biology lecture and lab (BIOL 1341/1141) and General Chemistry lecture and lab (CHEM 1341/1141) during first semester at UST with no grade lower than "C" or equivalent transfer;
4. Currently enrolled in BIOL 1342/1142 and CHEM 1342/1142, completed with no grade lower than "C";
5. Cumulative GPA of 3.00 with no grade lower than "C";
6. Recommendation by the UST Health Professions Advisory Committee.

To remain in the UST Premedical Program:

1. Complete prerequisite courses for admission to medical school with no grade lower than "C";
2. Complete three years of study in any major with no grade lower than "C" and minimum overall GPA and science GPA of 3.25;
3. Attend an advising appointment each semester with one of the program advisors;
4. Take MCAT by April of junior year;
5. Participate in program activities to demonstrate desire for a career in the medical profession. Participation may include volunteer opportunities in the health professions, shadowing a physician, undergraduate research projects, summer programs, attending lectures/seminars/workshops/conferences, and/or participating in other program activities.

PRELAW PROGRAM

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

Applying to Law School

Advising: Prelaw seeks to provide students with relevant advice useful to preparing for and applying to law school. In addition to assisting the prelaw student with law school selection and admissions counseling, prelaw advising is also directed to correcting deficiencies identified by low scores in any of the Law School Admission Test test areas. As a requirement of the program, prelaw students must enroll in POSC 4300 (LSAT Review Course) during their junior year.

Cooperative Admissions 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. See the Prelaw Advisor for instructions on how to complete the application process.

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 complete 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 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.

First-Year Freshmen: 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.

Continuation in the Program: 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: Courses required for prelaw students are:

POSC	3333 - Law and Society
or	
POSC	3342 - Judicial Process;
HIST/POSC	3302 - History of the Common Law
or	
POSC	3304 - The Marshall Court;
POSC	3355 - American Constitutional Law;
POSC	4300 - LSAT Review; and
POSC	4393 - Mock Trial.

In addition to prelaw courses, prelaw students are encouraged to take law courses specific to their major, such as:

COMM	3382 - Mass Communication Law;
ENVR	4352 - Environmental Law;
INST	4393 - International Law;
PHIL	2333 - Logic;
PHIL	4350 - Philosophy of Law: Tradition of Natural Law;
THEO	4324 - Christian Ethics and the Law;
BSAD	4331 - Business Law.

Law Day Service: The Law Day ecumenical service at the Chapel of St. Basil on the UST campus is an occasion in the spring when prelaw students share their opportunity to pray with the legal and academic community for peace and justice, and to pray for those in public office to have a renewed vigor to exercise virtue in respect to the office entrusted to them. Faculty and administrators from the University and local law schools, lawyers with ties to the University, various judges, civil servants and public officials who serve Houston are invited to the service.

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 all of us.

Advocacy

The undergraduate mock trial program at UST gives 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 four to six students will also be assisted by a local attorney. During February and March 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 during the month of April.

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Prelaw Schedule

Fall Junior Year

POSC 3333 Law & Society
or
POSC 3342 Judicial Process (spring semester)
POSC 3304 Marshall Court

Spring Junior Year

POSC 4300 LSAT Review Course
LSAT - June
POSC 3302 History of the Common Law

Fall Senior Year

POSC 4393 Mock Trial
LSAT - Sept/Oct
POSC 3355 Constitutional Law

Spring Senior Year

AMTA Mock Trial Competition
POSC Constitutional Law

School of Arts and Sciences

Dominic Aquila, Dean, aquilad@stthom.edu

John A. Palasota, Assistant Dean, japalaso@stthom.edu

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ARCHAEOLOGY (ARCH)

Coordinator: Edward A. Bader, CSB, 713-525-2181

Archaeology is the study of the material remains of past human life and activity. A unique discipline that is both an art and a science, archaeology illustrates in its methodology the liberal and integrating nature of university education.

In addition to course offerings, the archaeology program includes guest lecturers in various areas of archaeology, tutorials, seminars, films and slide presentations. There are fieldwork opportunities during the academic year and in the summer, and regular archaeology exhibits in the Little Gallery.

Archaeology courses earn departmental and elective credit but not core curriculum credit.

Evening and Saturday Offerings in Archaeology: No evening or Saturday course offerings are anticipated for 2007-2009.

COURSES

2334 - Introduction to Archaeology

An interdisciplinary approach illustrates how archaeology complements other academic disciplines. Topics of consideration include archaeological concepts, dating methods, excavation techniques and analysis of data. A nonobligatory semester dig provides practical experience.

2336 - Classical Archaeology (CLASS 2336)

A chronological overview of selected sites in the ancient Greek and Roman world, investigating the pertinent archaeological findings and their significance in the shaping of our understanding of classical culture. Provision is made for interested students to pursue summer archaeology in Italy and Greece.

3335 - Prehistory: An Archaeological Perspective (HIST 3335)

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.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in Archaeology

Student research on a selected problem in the field pursued under the guidance of an assigned faculty member.

4193, 4293, 4393, 4493- Special Topics in Archaeology

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

4191, 4291, 4391- Internship in Archaeology

Practicum, or on-the-job experience, under the guidance of practicing specialists in the field. To be supervised individually by a faculty member.

ART HISTORY (ARTHS)

FINE AND PERFORMING ARTS DEPARTMENT

Art History Program Chair: Bernard Bonario, bonarib@stthom.edu

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 beneficial are the Museum of Fine Arts and the Menil Museum, which is adjacent 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 hours in a primary area of concentration;
 - b) at least 9 upper-division hours in a secondary area of concentration.
2. A minor field (18 credit hours with at least 9 upper-division hours).
3. The Fine Arts requirement for 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 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 hours.

3330 - Greek and Roman Art

Principal sites, monuments, artists, myths, and artistic media in Greece and Rome as the cradles of Western civilization. Greek visual culture is traced from its beginnings in the Aegean Bronze Age to fruition in the Classical and Hellenistic periods and into reformulation in the Roman World.

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.

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3341 - Late Medieval Art

A survey of Romanesque and Gothic art from the 11th through the 14th century. Included are French pilgrimage churches and cathedrals, sculpture, stained glass windows, manuscripts, and decorative arts as well as medieval civic and religious art in Venice, Sicily, Pisa and Siena.

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 professor and students. May be repeated for credit when topics vary. When offered, see current on-line course listing for topic.

BIOINFORMATICS

Contact: Rosemarie Rosell, rrosell@stthom.edu

Bioinformatics is a fast growing and newly emerged field in the life sciences that uses math 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 of a concentration of courses in biology (BIOL), math (MATH), and management information systems (MISY).

Majors will become solidly grounded in the biologically relevant areas of genetics, biochemistry, and molecular and cell biology, and will be trained in both the theoretical and practical aspects behind data manipulation. Because bioinformatics deals with genetic data, sometimes at the individual level, majors will also be versed in bioethics. 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

In addition to the regular core courses, the following courses are required for a BA in bioinformatics. Bioinformatics majors must also include Bioethics (PHIL 3318) as part of their core in philosophy.

Biology: 30 credit hours

BIOL 1341, 1141, 1342, 1142- General Biology I & II and Laboratory
 3321- Genetics
 3334- Biochemistry
 3351- Molecular Biology
 3461- Cell Biology
 4393- Molecular Ecology Techniques
 1111- Bioinformatics Colloquium I
 2111- Bioinformatics Colloquium II
 3310- Bioinformatics

Chemistry: 12 credit hours

CHEM 1341, 1141, 1342, 1142- General Chemistry I & II and Laboratory
 2342, 2143- Organic Chemistry

Physics: 4 credit hours

PHYS 1331, 1111- General Physics I and Laboratory

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Mathematics: 14 credit hours

MATH 1431, 1432- Calculus I & II
3430- Intermediate Statistics
3360- Combinatorial Theory

Management Information Systems: 12 credit hours

MISY 1325- Microcomputer Applications
1340- Structured Programming
1360- Data Structures
4310- Database Organizations

COURSES

1111 - Bioinformatics Colloquium

Seminar coverage of 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. Required for new Bioinformatics majors. *Prerequisites:* BIOL 1341, 1342 or current enrollment in 1342. *Spring.*

2111 - Bioinformatics Colloquium

Continuation of BIOL 1111. Seminar coverage of 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. Required for new Bioinformatics majors. *Prerequisites:* BIOL 1341, 1342. *Spring.*

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 3321, 3351, and MATH 3360. *Spring.*

BIOLOGY (BIOL)

Department Chair: Rosemarie Rosell, rrosell@stthom.edu

The program is designed to acquaint students with the principles governing the structure and function of biological systems at every level of organization, from molecules to the biosphere. The curriculum emphasizes ecology and evolution as the context in which these principles can best be understood. In addition, the program places special emphasis on providing opportunities for students to understand the scientific method and to apply it to biological questions. The major program is designed to prepare students for graduate and professional schools and for entry-level biologist positions.

Students successfully completing a major in biology will exhibit a mastery of the basic subject areas of biology and important biological concepts; be able to perform library research on a topic in biology, read and analyze articles in biological journals and write in a style appropriate for the discipline; be able to formulate a testable hypothesis about a biological question, design experiments to test the hypothesis and effectively report the results of the investigation both orally and in writing.

MAJOR IN BIOLOGY

No biology major may substitute advanced placement credit or credit by examination for BIOL 1341, 1141, 1342, 1142.

Students must have a cumulative GPA of at least 2.00 in biology courses in order to graduate with a degree in Biology.

A student must make a grade of “C” or better in BIOL 1341, 1141, 1342, 1142 before taking any other biology courses.

No biology course may be taken unless all prerequisites have been completed with a grade of “C” or better.

Graduating seniors completing a major in biology must take the Educational Testing Service Major Field Test Exam in Biology (MFE) in the semester in which they graduate. Students not completing the MFE will not be allowed to graduate.

TRACK I

Students following Track I will complete a senior thesis consisting of a comprehensive review paper. The topic of the paper and the final paper must be approved by the faculty of the Biology Department. There will be an oral and written presentation of the paper.

Students completing Track I must take one of the following courses to complete the upper-division biology electives: BIOL 3345, 3450, or 4449.

TRACK II

Students following Track II will complete a research project requiring collecting data that will form the basis for a formal report. Students will be required to complete BIOL 4193 and 4393, in which they will learn techniques required to carry out their projects and will prepare a research proposal. They will also complete BIOL 4333 or 4334, in which they will collect data.

Biology: 42 credit hours

BIOL 1341, 1141, 1342, 1142- General Biology I & II and Laboratory
 2111- Biological Investigations Laboratory
 3321- Genetics
 3331- Ecology
 3351- Molecular Biology
 3461- Cellular Biology
 4332- Evolution
 3111- Junior/Senior Seminar (may be taken for credit more than once)
 4192- Directed Reading/Independent Study in Biology: Senior Thesis

Every student must complete either 3440- Plant Physiological Ecology or 3450- Plant Physiology.

One course (4 credit hours) from the following:

BIOL 2442- Comparative Anatomy
 3444- Invertebrate Zoology
 3440- Plant Physiological Ecology

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

BIOL 3333, 3133- Microbiology and Laboratory

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4340, 4140- Microbial Ecology and Laboratory
4344, 4144- Medical Microbiology and Laboratory

7 additional credit hours of 3000 or 4000 level Biology

Track I electives (7 credit hours) must include one of the following courses:

BIOL 3345- Physiology
3450- Plant Physiology
4449- Immunology

Track II (7 credit hours) must include:

BIOL 4393, 4193- Special Topics in Biology

One course (3 credit hours) from the following:

BIOL 4333- Research Methods in Biological Investigation
4334- Research Methods in Ecology

Chemistry: 16 credit hours

CHEM 1341, 1141, 1342, 1142- General Chemistry I & II and Laboratory
2343, 2143- Organic Chemistry I and Laboratory

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

CHEM 2344, 2144- Organic Chemistry II and Laboratory
3343, 3245- Quantitative Analysis and Laboratory
BIOL/CHEM 3334, 3134- Biochemistry and Laboratory

Physics: 4 credit hours

PHYS 1331, 1111- General Physics I and Laboratory

Mathematics: 6 credit hours

MATH 3340- Intermediate Statistics

One course (3 or 4 credit hours) from the following:

MATH 1331 Pre-Calculus Mathematics
MATH 1431, 1432 Calculus I and II

PREMEDICAL AND PREDENTAL STUDENTS

Students planning to apply to medical or dental school should complete:

CHEM 2344 and 2144 - Organic Chemistry II and Laboratory
PHYS 1332, 1112 - General Physics II and Laboratory
MATH 1431 - Calculus I (Premedical only)

Students interested in premedical, predental, or other health professions programs should consult Ellis L. Nordyke (Biology) or John A. Palasota (Chemistry), co-chairs of the Health Professions Advisory Committee.

MINOR IN BIOLOGY

The minor program is designed to allow 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 BIOL 1341, 1141, 1342, 1142 (General Biology) with a grade of "C" or better before taking other biology courses. They must also complete any course with a grade of "C" or better before taking biology courses for which it is a prerequisite.

Biology: 20 credit hours

BIOL 1341,1141,1342,1142- General Biology I & II and Laboratory
 3321- Genetics
 3331- Ecology

One course (3 to 4 credit hours) from the following:

BIOL 3351- Molecular Biology
 3461- Cellular Biology
 3450- Plant Physiology

3 additional credit hours of BIOL 3000 or 4000 level courses

Evening and Saturday Offerings in Biology: No evening or Saturday course offerings are anticipated for 2007-2009.

COURSES

Biology 1341, 1141, 1342, 1142 and 2111 are prerequisites for all other biology courses. Biology 3321 is prerequisite for all upper division biology courses with the exception of Biology 3334, 3134 and 3446.

No biology course may be taken unless all prerequisites have been completed with a grade of C or better.

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.

1341 - General Biology I

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, genetics and the molecular basis of inheritance. *Corequisite:* BIOL 1141 or permission of instructor. *Fall.*

1141 - General Biology Laboratory I

Accompanies BIOL 1341. Introduction to biology as a scientific process as revealed through inquiry-based laboratories. Investigations include pH and buffers, macromolecules, microscopy, enzyme kinetics, cellular respiration, photosynthesis, cellular reproduction, Mendelian genetics, DNA extraction and DNA fingerprinting. *Corequisite:* BIOL 1341 or permission of instructor. *Fall.*

1342 - General Biology II

Continuation of overview of biological concepts underlying the unity and diversity of life. Focus on evolutionary concepts, the origins of life, plant colonization of land, animal diversity and ecological concepts (species to ecosystems). *Corequisite:* BIOL 1142; *Prerequisites:* BIOL 1341, 1141 or permission of instructor. *Spring.*

1142 - General Biology Laboratory II

Accompanies BIOL 1342. Continuation of inquiry-based investigations of biology as a process. Studies include population genetics using DNA technology, plant and animal diversity, terrestrial ecology and foraging strategies. *Corequisite:* BIOL 1342; *Prerequisites:* BIOL 1341, 1141 or permission of instructor. *Spring.*

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The laboratory and lecture for each semester are necessary for credit in the course. They are taught concomitantly and integrally. Exception is made for either a laboratory or lecture course to be repeated to remove a “D” or an “F” grade if the student passed the accompanying course or lab with at least a “C” grade.

BIOL 1341, 1141, 1342 and 1142 are prerequisites for all other biology courses. No credit by examination may substitute for any prerequisite for upper division biology courses, regardless of whether a student is a major or nonmajor.

2111 - Biological Investigations Laboratory

Introduction to the scientific method, literature of the life sciences, scientific writing, experimental design and hypothesis testing in biology. *Laboratory*: 3 hours. *Offered as needed.*

2442 - Comparative Anatomy

Comparative study of the organ systems of chordates. *Lecture*: 3 hours. *Laboratory*: 3 hours. Dissection of representative chordates. *Fall, even years.*

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*: junior or senior standing and consent of faculty member. *Offered as needed.*

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*: CHEM 1341, 1342; MATH 1330 or equivalent. *Fall.*

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 or permission of faculty member; CHEM 1341, 1342; MATH 1331 or equivalent. *Spring.*

3333 - Microbiology

The study of microbes. *Lecture*: 3 hours. *Prerequisite*: BIOL 3321. *Fall.*

3133 - Microbiology Laboratory

Laboratory methods to study bacteria. *Laboratory*: 3 hours. *Prerequisite*: BIOL 3321. *Fall.*

3334 - Biochemistry (CHEM 3334)

An introductory course in biochemistry focusing on amino acids, proteins, enzymes, nucleic acids, carbohydrates and lipids. *Prerequisites*: CHEM 2343. *Spring.*

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. Accompanies CHEM 3334. *Laboratory*: 3 hours per week. *Prerequisites*: CHEM 2343, 2143 or permission of faculty member. *Spring.*

3336 - Environmental Toxicology

Study of environmental toxins and pollutants in air, water and soil. Emphasis on distribution, dissipation, metabolism, fate. *Prerequisite:* CHEM 2343, BIOL 3321. *Spring, even years.*

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, MATH 3340. *Fall.*

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 3331. *Summer, offered when necessary.*

3345 - Physiology

Introduction to the basic concepts of physiological regulation from cellular level to organ system level. Emphasis on mammalian systems. *Prerequisites:* BIOL 3321; CHEM 1341, 1342; MATH 1331 or equivalent. *Spring.*

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 is on physiological and biochemical processes involved in plant growth, development and survival in the environment. *Prerequisites:* CHEM 2343, BIOL 3321, MATH 3340. *Spring.*

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:* BIOL 3321; CHEM 2343. *Fall.*

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. *Fall, odd years.*

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. *Prerequisites:* BIOL 3321, 3351. *Offered when necessary.*

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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. Offered when necessary.*

3461 - Cell Biology

Study of cellular structure/function relationships. Focus on membranes, internal compartments, cytoskeleton and cellular communication. Laboratory will include inquiry-based investigations. *Prerequisites: BIOL 3321. Lecture: 3 hours. Laboratory: 3 hours. Spring.*

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 majors. *Prerequisite: permission of instructor.*

4332 - Evolution

Introduction to modern evolutionary theory. Includes discussion of adaptation, speciation, phylogenetics and molecular evolution. *Prerequisites: BIOL 3321, 3331. Fall.*

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; permission of instructor. Fall, Spring.*

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, 3331; permission of instructor. Fall, Spring.*

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. Prerequisites: BIOL 3321, 3331.*

4344 - Medical Microbiology

The study of pathogenic microbes and the diseases caused by these organisms. *Prerequisites: BIOL 3321, 3333 or permission of instructor. Spring.*

4144 - Medical Microbiology Laboratory

A laboratory course to accompany BIOL 4344. *Laboratory: 3 hours. Prerequisites: BIOL 3321, 3133 or permission of instructor. Spring.*

4449 - Immunology

The study of the structure and function of the immune system. *Lecture*: 3 hours. *Laboratory*: 3 hours. *Prerequisites*: BIOL 3321; CHEM 1341, 1342; MATH 1331 or equivalent or permission of instructor. *Fall*.

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 introduce a new generation to the Catholic heritage through tradition-guided inquiry into the contributions of Catholic intellectuals of every culture and age. The Catholic Studies Program, as an integral part of the University of St. Thomas, carries out its teaching, research and other activities in the light of Catholic ideals, principles and attitudes. Through its multidisciplinary structure, 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 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 continuity of the Catholic Studies Program in the future of the University of St. Thomas.

Major in Catholic Studies: 36 credit hours (12 credit hours in core courses; 24 credit hours in electives from five different disciplines)

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, History, International Studies, Philosophy, Political Science, Psychology, Spanish, and Theology. A joint major differs from a double major in that elective credit-hour requirements are reduced to 18, in a minimum of four disciplines (30 credit hours total).

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

COURSES

3300 - Mapping the Catholic Cultural Landscape

What is the meaning and end of human existence and what constitutes a good and productive life in Christ? Philosophical and theological tools for interpreting the Catholic vision of the human person within the liberal arts.
Fall.

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3310 - Opening to Transcendence: Rediscovering Symbol

What images and symbols express the tensions inherent in human existence: body/spirit, time/eternity, good/evil? The Catholic tradition within literature and art. *Spring*.

3320 - Catholicism and the Social and Natural Sciences

Has Catholicism influenced the sciences' definition of the human person and purpose? Catholic theology and the sciences, ethical foundations of law and politics, technology and morality. *Prerequisite: CS 3300. Spring*.

4300 - Catholic Impact in the Professions

Philosophical and theological principles undergirding the mission of the laity in the professions. Individual research applies the Catholic intellectual tradition to the student's profession in the third Christian millennium. *Capstone course. Fall*.

ELECTIVES: Since Catholic Studies is multidisciplinary, electives provided in a given semester by the academic departments will be published online and crosslisted for 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.

Art History

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

Biology

BIOL	4332- Evolution (taken simultaneously with CS 4192)
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Cameron School of Business

BSAD	4393- Spirituality in the Workplace: A Quest for Meaning
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Drama

DRAM	3339- History of the Theatre
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English

ENGL	3310- Chaucer
	3316- Shakespeare
	3324- 17th Century Poetry and Prose
	3326- Milton
	4393- Arthurian Legend
	4393- Dante
	4393- Fantasy Literature
	4393- Film and Catholic Culture
	4393- Literature in the Bible
	4393- Medieval Drama
	4393- Tolkien

History

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

Music

- MUSC 3340- Music and Western Civilization

Modern Languages

- SPAN 3338- Introduction to Research and Literary Analysis
 3355- Seminar for Natives: Introduction to Research/Literary Analysis
 4331- Survey of Spanish-American Literature
 3355- Seminar for Natives: Survey of Spanish-American Literature
 4333- Survey of Spanish Literature I
 4334- Survey of Spanish Literature II
 4371- Spanish Culture
 3355- Seminar for Natives: Spanish Culture
 4372- Hispanic American Culture
 3355- Seminar for Natives: Hispanic American Culture
 4393- Hispanic Women
 3355- Seminar for Natives: Hispanic Women
 FREN 4393- French Saints and Culture
 4393- French Film

Philosophy

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

Political Science

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

Theology

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

CATHOLIC STUDIES ELECTIVES**4391 - Social Justice Internship**

A practical experience with a community organization dealing with social justice issues. Both a faculty member (Political and Social 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.

MAJOR IN CHEMISTRY:

The Chemistry Core Courses

CHEM 1141, 1142, 1341, 1342-	General Chemistry Lectures and Labs	8 hrs
CHEM 2143, 2144, 2343, 2344-	Organic Chemistry Lectures and Labs	8 hrs
CHEM 3134, 3334-	Biochemistry Lecture and Lab	4 hrs
CHEM 3143, 3343-	Quantitative Analysis Lecture and Lab	4 hrs
CHEM 4112-	Seminar (pass/fail)	1 hr
CHEM 4132, 4332-	Inorganic Chemistry Lecture and Lab	4 hrs
CHEM 4161, 4361, 4362-	Physical Chemistry Lectures and Lab	7 hrs
Total		36 hrs

BS IN CHEMISTRY**45 credit hours in chemistry**

The chemistry core plus 9 credit hours from the following courses.

CHEM 3144, 3344-	Instrumental Methods of Analysis Lecture and Lab	4 hrs
CHEM 4131, 4331-	Advanced Organic Chemistry Lecture and Lab	4 hrs
CHEM 4162-	Physical Chemistry Lab II	1 hr

Or with permission, one of the following may be substituted for one of the above.

CHEM 4113-	Introduction to Scientific Glassblowing (pass/fail)	1 hr
CHEM 4150, 4250, 4350, 4450-	Laboratory Research Methods (pass/fail)	1-4 hrs
CHEM 4154, 4354-	Environmental Chemistry Lecture and Lab	4 hrs
CHEM 4193, 4293, 4393, 4493-	Special Topics in Chemistry	1-4 hrs

Mathematics: 11-12 credit hours

MATH 1431-	Calculus I	4 hrs
MATH 1432-	Calculus II	4 hrs

Plus one of the following courses

MATH 2431-	Calculus III	3-4 hrs
MATH 2343-	Differential Equations	
MATH 3334-	Linear Algebra I	

Physics: 8 credit hours

PHYS 1111,1112,1331,1332-	General Physics Lectures and Laboratories	8 hrs
or		
PHYS 2111,2112,2331,2332-	University Physics Lectures and Laboratories	8 hrs

It is highly recommended that the B.S. majors take University Physics instead of General Physics.

In addition, majors planning to pursue graduate studies are encouraged to take PHYS 3335.

BA IN CHEMISTRY**40 credit hours in chemistry**

The chemistry core plus an additional 4 credit hours of 3000- or 4000-level chemistry courses

Mathematics: 8 credit hours

MATH 1431-	Calculus I	4 hrs
MATH 1432-	Calculus II	4 hrs

Physics: 8 credit hours

PHYS 1111,1112,1331,1332-	General Physics Lectures and Laboratories	8 hrs
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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: 24 credit hours

CHEM 1141, 1142, 1341, 1342- General Chemistry Lectures and Labs	8 hrs
CHEM 2143, 2144, 2343, 2344- Organic Chemistry Lectures and Labs	8 hrs
CHEM 3143, 3343- Quantitative Analysis Lecture and Lab	4 hrs

Plus an additional 4 credit hours of 3000- or 4000-level chemistry courses.

Evening and Saturday Offerings in Chemistry: No evening or Saturday course offerings are anticipated for 2007-2009.

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. Concurrent requisites: CHEM 1141, CHEM 1041R (recitation), CHEM 1142, CHEM 1042R (recitation). Prerequisite: for CHEM 1341: C or better in high school chemistry or permission of faculty member. *Prerequisite:* for CHEM 1342: CHEM 1341 or permission of instructor. CHEM 1341, *Fall, Spring*; CHEM 1342, *Spring, Summer*.

1041R, 1042R - General Chemistry RecitationH

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:* CHEM 1341, 1342. CHEM 1141, *Fall, Spring*; CHEM 1142, *Spring, Summer*.

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. *Prerequisites:* CHEM 1341, 1342, 1141, 1142. CHEM 2343, *Fall*; CHEM 2344, *Spring*.

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, 2344. CHEM 2143, *Fall*; CHEM 2144, *Spring*.

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. *Spring*.

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. *Corequisite*: CHEM 3334. *Prerequisites*: junior standing; CHEM 2343, 2143 or permission of instructor. *Spring*.

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. *Fall*.

3143 - Quantitative Analysis Laboratory

Gravimetric and volumetric methods of analysis, the generation and analysis of analytical data and simple instrumental methods are presented. *Corequisite*: CHEM 3343. *Laboratory*: minimum 4 hours each week. *Fall*.

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. *Spring, odd years*.

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. *Spring, odd years*.

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. *Spring*. (Pass/Fail grade).

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. Occasionally. (Pass/Fail grade).

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).

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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. *Corequisite:* CHEM 4131. Alternate years; scheduled *Fall or spring as needed*.

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. *Corequisite:* CHEM 4331. Scheduled with CHEM 4331.

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. *Prerequisites:* CHEM 2344, 2144. *Corequisite:* 4132. *Spring*.

4132 - Inorganic Chemistry Laboratory

Main group, transition metal and organometallic compounds are synthesized and characterized by various instrumental techniques. *Corequisite:* CHEM 4332. *Spring*.

4354 - Environmental Chemistry

Fundamental laws and concepts of chemistry as they relate to the interaction of chemicals with the environment. *Corequisites:* CHEM 4154. *Prerequisites:* CHEM 1341, 1141, 1342, 1142, 3343, 3143.

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. *Corequisites:* CHEM 4354. *Prerequisites:* CHEM 3143, 3343.

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:* two years of college chemistry, one year of college physics and differential and integral calculus. CHEM 4361, *Fall*, CHEM 4362, *Spring*.

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. *Corequisites:* 4161 corequires CHEM 4361, 4362. corequires CHEM 4162 only for B.S. majors, *Fall*, CHEM 4162, as needed.

CLASSICS (CLASS)**MODERN AND CLASSICAL LANGUAGES DEPARTMENT**

Classics Program Chair: Robert Yankow, yankow@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 intention 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 are listed below.

Minor in Latin: 27 credit hours

CLASS	1331- Introduction to Latin 1332- Elementary Latin 2331- Intermediate College Latin 4383- Special Topics in Latin
ARTHS	3330- Greek and Roman Art
CLASS/ARCH	2336- Classical Archaeology
HIST/ARCH	3335- Prehistory: An Archaeological Perspective
PHIL	1315, 3315- Ancient Philosophy

Minor in Greek: 27 credit hours

CLASS	1341- Introduction to Classical Greek 1342- Elementary Classical Greek 2341- Readings in Classical Greek Prose 4393- Special Topics in Greek
ARTHS	3330- Greek and Roman Art
CLASS/ARCH	2336- Classical Archaeology
HIST/ARCH	3335- Prehistory: An Archaeological Perspective
PHIL	1315, 3315- Ancient Philosophy

Evening and Saturday Offerings in Classics: No evening or Saturday course offerings are anticipated for 2007-2009.

LATIN COURSES**1331 - Introduction to Latin I**

An intensive introduction to Latin grammar with selected readings. *Fall*.

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. *Spring*.

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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. Fall.

1342 - Elementary Classical Greek

A continuation of Greek 1341 with the introduction of elementary readings. *Spring.*

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. *Fall, even years. Offered at the St. Mary's Seminary 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. *Spring, odd years. Offered at the St. Mary's Seminary 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. *Fall, odd years. Offered at the St. Mary's Seminary 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. *Spring, even years. Offered at the St. Mary's Seminary campus only.*

CLASSICAL ARCHAEOLOGY**2336 - Classical Archaeology (ARCH 2336)**

A chronological overview of selected sites in the ancient Greek and Roman world, investigating the pertinent archaeological findings and their significance in the shaping of our understanding of classical culture. Provision is made for interested students to participate in summer archaeology projects in Italy and Greece.

COMMUNICATION (COMM)

Department Chair: Robin N. Williamson, robinw@stthom.edu

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: 36 credit hours

COMM 1331- Public Speaking
 2350- Interpersonal Communication
 2361- Introduction to the Mass Media
 3382- Mass Communication Law
 4383- Communication Theory (capstone experience)
 4391- Internship in Communication

One course (3 credit hours) from the following:

 3370- Rhetorical Dimensions of the Media
 4375- Media Ethics

15 credit hours of communication electives may be selected from the following courses without concentrating in one area:

Journalism/Public Relations

COMM 2341- Newswriting and Reporting
 3342- News Editing
 3345- Public Relations I
 3346- Public Relations II
 4340- Investigative Reporting: The Innocence Project
 4350- Feature Writing

Radio/TV

COMM 2362- Radio Production
 2463- TV Production I
 3353- Broadcast Journalism
 3375- Videotape Editing
 3464- TV Production II
 4357- Broadcast Programming

Communication Studies

COMM 2131- Forensics
 2332- Persuasion
 3333- Nonverbal Communication
 3381- Social Impact of the Media
 4385- Small Group Interaction

MINOR IN COMMUNICATION

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: 18 credit hours

COMM 1331- Public Speaking
 2361- Introduction to Mass Media

One course (3 credit hours) from the following:

3370- Rhetorical Dimensions of the Media
4375- Media Ethics
4383- Communication Theory

The remaining 9 credit hours require approval by the chair of the Communication Department.

JOINT MAJORS

Joint majors are available combining Communication with Business Administration, Drama, English, International Studies, Marketing, 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.

COURSES

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 the student an understanding of his/her own speaking and listening abilities, and an opportunity to develop these abilities to make him/her more effective in various communication situations. *Enrollment limited. Fall, spring, summer.*

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. *Spring.*

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. *Fall.*

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2350 - Interpersonal Communication

Theory, research and practice associated with dyadic interaction. Concepts include disclosure, attraction, relational control, power and inclusion. *Spring*.

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. *Fall, Summer*.

2362 - Radio Production

Basic orientation in audio production with laboratory experience in programming, writing and performance. *Fall, even years*.

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. *Fall*.

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. *Fall, odd years*.

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. Spring*.

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). Fall*.

3346 - Public Relations II

Practical application of public relations theories and strategies; students develop hypothetical persuasive campaigns of professional quality. *Prerequisite: COMM 3345. Spring*.

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. Fall, odd years*.

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. Fall, even years*.

3375 - Videotape Editing

Applied theory and technique involved in videotape editing. *Prerequisite:* COMM 2463 preferred. *Spring, odd years.*

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. *Spring, even years.*

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. *Spring.*

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. *Spring.*

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. *Fall, Spring, Summer.*

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 instructor.

4193, 4293, 4393, 4493- Special Topics in Communication

Upper-division treatment of selected topics of mutual interest to the faculty member and students. *Fall, Spring, Summer.*

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; 12 hours of English. *Fall.*

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 instructor. *Summer.*

124 DRAMA

4357 - Broadcast Programming

The decision-making process as it relates to program content and development in the electronic media. The basic principles of program selection, scheduling strategies and evaluation techniques will be taught. *Summer.*

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 instructor; PHIL 2314. *Spring.*

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. *Fall.*

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. *Spring, odd years.*

4399 - Senior Thesis

Optional research-based written project in which the serious senior communication major, in consultation with the appropriate communication 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:* permission of the chair.

DRAMA (DRAM)

FINE AND PERFORMING ARTS DEPARTMENT

Program Chair: Claire M. McDonald, mcdonald@stthom.edu

The Drama Program provides students with an extensive background in dramatic thought and theory and seeks to develop within them the disciplines and techniques necessary for proficient performance in the theater. Students completing the program will be conversant with the specific theoretical and technical aspects of the theatre arts. They will be able to create believable characterizations from dramatic literature before an audience and to present graduate schools and prospective employers with documented evidence of their training.

All senior drama majors will be required to present a capstone project, to develop a portfolio and to score at least 75 percent on an objective examination.

In addition to course offerings, the Drama Program maintains an active production schedule. A sample of plays produced in the past includes *The Importance of Being Earnest*, *The Devil's Disciple*, *Guys & Dolls*, *Hamlet*, *As You Like It*, *Hay Fever*,

The Boy Friend, Pinocchio, The Bald Soprano, The Collection, Wait Until Dark, The Fantasticks, Charlotte's Web, The Cherry Orchard, The Marriage Proposal, Under Milkwood, Little Murders, Godspell, She Stoops to Conquer, Hotel Faux Pas, Little Mary Sunshine, You Can't Take It With You, The Caretaker, The Good Doctor, Waiting for Godot, Gypsy, The Effect of Gamma Rays on Man-In-The-Moon Marigolds, The Servant of Two Masters, The Rimers of Eldritch, Dames at Sea, A Midsummer Night's Dream, Grease, AKA, Pippin, The Glass Menagerie, The Diary of Anne Frank, Dancing At Laughnasa.

MAJOR IN DRAMA

Drama: 42 credit hours

DRAM 1111- 4112- Rehearsal and Production (7 hours minimum)

- 1331- Acting I
- 1336- Stagecraft
- 2331 - Movement for the Theatre
- 2335- Theatre Speech
- 3137- Children s Theatre Laboratory
- 3331- Playwriting
- 3333- Scene Design
- 3337- Children s Theatre
- 3340 & 3341 Theatre History I & II

8 credit hours of drama electives, 3 credit hours of which must be upper-division.

English: 6 credit hours from the following:

(3 of these hours can be part of the core English requirement)

- ENGL 3315- Development of the Drama
- 3316- Shakespeare
- 4320- Modern Drama
- and any approved drama related upper division English course

MINOR IN DRAMA

Drama: 21 credit hours

DRAM 1331- Acting I

or

1330- Introduction to the Theatre

3 credit hours of the lab series:

DRAM 1111 - 4112- Rehearsal and Production

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 or Philosophy.

Evening and Saturday Offerings in Drama: No evening or Saturday course offerings are anticipated for 2007-2009, 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 Department productions. *Fall, spring.*

1330 - Introduction to Theatre

A foundation program in drama. Emphasis is on history, play structure, acting and design. *Fall, even years.*

1331 - Acting I

Development of voice and diction through oral interpretation of dramatic literature. The students present a public performance at semester's end. *Fall, spring.*

1336 - Stagecraft

The technique of scenery construction and painting. *Spring, odd years.*

2331 - Movement for the Theatre

In an effort to shape a more fully responsive, spontaneous and creative actor, Movement for the Theatre 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. *Spring, odd years.*

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. Diction and articulation will be emphasized. *Spring.*

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. *Fall.*

3329 - Screenwriting

Theories and techniques of writing feature films and teleplays including structure, dialogue and characterization. The students write scenes and a short screenplay. *Prerequisite:* permission of faculty member. *Fall, even years.*

3331 - Playwriting

The study of dramatic structure, dialogue, action and characterization. The students write short scenes and a short play. *Prerequisite:* permission of chair. *Spring.*

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. *Spring, even years.*

3337 - Children's Theatre

Theory and practice in the art of performing for young audiences. The students will participate in a major production for children. *Corequisite:* DRAM 3137. *Prerequisite:* DRAM 1331 or permission of chair. *Fall.*

3338 - Creative Drama

An examination of methods used to teach theatre arts in the elementary class room. Emphasis is on sensory awareness, pantomime and story dramatization. The students will participate in and lead creative drama sessions with children. *Spring, odd years.*

3340 - Theatre History I

Theatre History I is organized to provide 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 is organized to provide 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.

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 department faculty member with the approval 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. *Fall, Spring.*

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 chair. *Fall, even years.*

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 chair. *Fall, odd years.*

4334 - Styles of Acting

Theory and practice in the styles of acting. Styles can included Greek, Shakespeare, Restoration, Farce, Absurd, Epic and Artaud. *Prerequisite:* permission of chair. *Spring, even years.*

COOPERATIVE ENGINEERING AND TECHNOLOGY PROGRAM

Contact: Michael R. Colvin, Chair Department of Mathematics, colvinm@stthom.edu

The University of St. Thomas offers students the opportunity to prepare for a career in engineering or technology while obtaining a quality liberal arts education. There is need today for professionals who have both technical training and a broad background in the arts, humanities, logic and philosophy. Engineers and technicians apply mathematics, science and technology to use the materials and forces of nature for better living. A strong grounding in the liberal arts enables people to view their work in a broad perspective. Engineering executives must make decisions that have social and cultural consequences as well as technical implications. The graduate with resources beyond technical skills is best able to progress in the engineering field (see p. 103).

ENGLISH (ENGL)

Department Chair: Kerry MacArthur, macarth@stthom.edu
Acting Chair, Clinton Brand, Fall 2007, brandc@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.

ENGLISH IN THE CORE CURRICULUM

To satisfy the core requirement in English at the University, all students must complete 12 credit hours as follows:

Freshmen and transfer students with no English Credits:

ENGL 1341- The Classical Tradition: Literature and Composition I
 1342- The Middle Ages and Renaissance: Literature and Composition II
 2312- The Modern World: Literature and Composition III
 Any 3000- or 4000-level English course except 3341 or 4399

Students transferring in 3 hours of English credit must take:

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

Students transferring in 6 hours of English credit must take:

ENGL 3312- Perspectives in World Literature &
 Any other 3000- or 4000- level English course except 3341 or 4399

Students transferring in 9 hours of English credit must take:

ENGL 3312- Perspectives in World Literature.

Literature and Composition I, II, and III (1341, 1342, 2312) must be taken in sequence and are prerequisites for the upper-division course.

MAJOR IN ENGLISH

English: 42 credit hours

Students majoring in English may choose between two concentrations: Literature or Writing.

Literature Concentration:

- ENGL 1341- The Classical Tradition: Literature and Composition I
- 1342- The Middle Ages and Renaissance: Literature and Composition II
- 2312- The Modern World: Literature and Composition III
- Any 3000- or 4000-level English course in catalog
- 3310- Chaucer
- 3316- Shakespeare
- 3341- Literary Criticism

18 additional credit hours must be completed, with the following distributions:

Renaissance- 3 credit hours from the following:

- ENGL 3320- Sixteenth-Century Poetry and Prose
- 3324- Seventeenth-Century Poetry and Prose
- 3326- Milton
- Or any upper-division Special Topics course in 16th-17th Century Literature

Restoration-Eighteenth Century- 3 credit hours from the following:

- ENGL 3330- Augustan Age
- 3314- Development of the Novel
- Or any upper-division Special Topics course in Eighteenth-Century Literature

Nineteenth-Century- 3 credit hours from the following:

- ENGL 3340- English Romantic Poets
- 3344- Victorian Poetry
- 3345- Nineteenth Century Novel
- Or any upper-division Special Topics course in Nineteenth-Century Literature

Modern-3 credit hours from the following:

- ENGL 4314- Modern Poetry
- 4320- Modern Drama
- 4324- Modern British Novel
- 4325- Modern American Novel
- Or any upper-level Special Topics course in Twentieth-Century or contemporary literature

American- 3 credit hours from the following:

- ENGL 4310- American Literature I
- 4311- American Literature II
- Or any upper-level Special Topics course in American Literature

3 credit hours of 3000- or 4000- level ENGL electives.

- ENGL 4399- Senior Thesis

Writing Concentration:

- ENGL 1341- The Classical Tradition: Literature and Composition I
 1342- The Middle Ages and Renaissance: Literature and Composition II
 2312- The Modern World: Literature and Composition III
 Any 3000- or 4000-level English course in catalog

One major author course- 3 credit hours from the following:

- ENGL 3310- Chaucer
 3316- Shakespeare
 3326- Milton
 4393- Special Topics (if appropriate)

One genre course- 3 credit hours from the following:

- ENGL 3314- Development of the Novel
 3315- Development of the Drama
 3345- Nineteenth Century Novel
 4314- Modern Poetry
 4320- Modern Drama
 4324- Modern British Novel
 4325- Modern American Novel
 4393- Special Topics (if appropriate)

One period course- 3 credit hours from the following:

- ENGL 3320- Sixteenth -Century Poetry and Prose
 3324- Seventeenth-Century Poetry and Prose
 3330- The Augustan Age
 3340- English Romantic Poets
 3344- Victorian Poetry
 3345- Nineteenth Century Novel
 4314- Modern Poetry
 4310- American Literature I
 4311- American Literature II
 4324- Modern British Novel
 4325- Modern American Novel
 4393- Special Topics (if appropriate)

Five upper-division writing courses- 15 credit hours from the following:

- ENGL 3307- Creative Writing: Poetry
 3308- Creative Writing: Fiction
 3335- Professional Writing and Editing
 4326- Advanced Rhetoric
 4360- Advanced Writing
 DRAM 3331- Playwriting
 3332- Screenwriting
 Or approved English Writing course

3 credit hours of 3000- or 4000- level ENGL electives.

- ENGL 4399- Senior Thesis

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- or 4000-level).

MINOR IN ENGLISH

English: 24 credit hours

- ENGL 1341-The Classical Tradition: Literature and Composition I
1342- The Middle Ages and Renaissance: Literature and Composition II
2312- The Modern World: Literature and Composition III
Any 3000- or 4000-level English Course

12 additional credit hours must be completed, with the following distributions:

One major author course- 3 credit hours from the following:

- ENGL 3310- Chaucer
3316- Shakespeare
3326- Milton
4393- Special Topics (if appropriate)

One genre course- 3 credit hours from the following:

- ENGL 3314- Development of the Novel
3315- Development of the Drama
3345- Nineteenth Century Novel
4314- Modern Poetry
4320- Modern Drama
4324- Modern British Novel
4325- Modern American Novel
4393- Special Topics (if appropriate)

One period course- 3 credit hours from the following:

- ENGL 3320- Sixteenth -Century Poetry and Prose
3324- Seventeenth-Century Poetry and Prose
3330- The Augustan Age
3340- English Romantic Poets
3344- Victorian Poetry
3345- Nineteenth Century Novel
4314- Modern Poetry
4310- American Literature I
4311- American Literature II
4324- Modern British Novel
4325- Modern American Novel
4393- Special Topics (if appropriate)

3 credit hour elective (English minors should consult the department chair concerning an appropriate elective course.)

MINOR IN CREATIVE WRITING

Contact: Janet Lowery, lowery@stthom.edu

Requirements:

ENGL	1341- The Classical Tradition: Literature and Composition I 1342- The Middle Ages and Renaissance: Literature and Composition II 2312- The Modern World: Literature and Composition III Any 3000- or 4000-level English Course in catalog
ENGL	3307- Creative Writing: Poetry 3308- Creative Writing: Fiction
DRAM	3331- Playwriting or DRAM 3332- Screenwriting or approved English Creative Writing course 4323- Literary Magazine

3 additional upper-division hours in English or other writing courses, with the approval of the minor program coordinator.

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 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.

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. In addition, at least one upper-division literature and/or writing course is offered every term, including the summer, in the evening.

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 review and development of student writing, including grammar and mechanics, constructing sentences, paragraphs and course papers. One conference hour per week minimum. Conducted through the Learning and Writing Center. Offered on a pass/fail basis only. *Fall, Spring.*

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. *Summer.*

134 ENGLISH

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. *Fall, Spring*. 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. *Fall, Spring*.

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. *Fall, Spring*.

1341, 1342, and 2312 are prerequisites for all 3000- and 4000-level English courses and are required for a bachelor's degree.

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. *Spring*.

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 transferred English credit hours 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. *Fall, Spring.*

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 with in literature and art.

3320 - Sixteenth-Century Poetry and Prose

A selection of Early Renaissance writings from More through Hooker; emphasis on the high achievements of the 1580 s and 1590 s 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. *Fall, even years.*

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. *Fall.*

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 to be studied may include the Brontes, Dickens, George Eliot, Hardy, and others.

136 ENGLISH

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.

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. *Fall, odd years.*

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. Spring.

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. *Fall, Summer.*

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. *Prerequisites*: writing sample, permission of faculty member. *Spring.*

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 part of the major's capstone experience. *Prerequisite*: permission of the faculty member in chosen area.

ENVIRONMENTAL STUDIES (ENVR)

Department Chair: William M. Harris, wharris@stthom.edu

The primary mission of the Department of Environmental Studies is to prepare students to in the broad practice areas of environmental science, policy and management. The secondary mission is to enhance the environmental awareness of individuals in the University and in the community through education, service and outreach.

At the time of the preparation of this University catalog the University is undergoing a period of discernment regarding the future of the program. Please contact the University for more information and updates. The University is not accepting any new students for its degree programs in environmental studies or environmental science at the time of publication.

(The department is not accepting majors until further notice)

Evening Offerings in Environmental Science and Environmental Studies: Selected courses are offered in the evening on demand in the fall, spring and summer.

COURSES

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. *Fall, Spring, Summer.*

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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. *Fall, Spring, Summer.*

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. *Fall, Spring, Summer.*

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. *Fall, Spring, Summer.*

3161 - Research Proposal

Identification of thesis topic and development of an annotated bibliography. Students will be required to submit a thesis proposal to the department and will prepare an undergraduate research committee funding proposal for their work. *Prerequisites:* ENSC 2346 and MATH 3332 or permission of faculty member. *On demand.*

3351 - Urban Environmental Sampling and Analysis

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. *Fall, odd years.*

3357 - Environmental Sampling and Analysis

Integration of biological and chemical principles in sampling and analysis of environmental data. Field-based sampling techniques, group projects on environmental design, sampling strategies, for investigating various environmental problems, use of biological and chemical techniques for environmental analysis. Students will learn how biological and chemical principles are related to the methods of analysis required by the federal government for the analysis of air, water and soil. *Prerequisites:* ENVR 3351, BIOL 3331, and CHEM 3143/3343 or permission of faculty member. *Spring, even years.*

3157 - Laboratory Methods for Environmental Sampling and Analysis

Students will learn field-based techniques, complete a group project on environmental design, examine sampling strategies for investigating various environmental problems, and the use of chemical, biological and modeling techniques for environmental analysis. Instruction in how biological and chemical analytical techniques are related to the methods of analysis required by the federal government for the analysis of air, water and soil. *Prerequisite or co-requisite:* ENSC 3357. *Spring, even years.*

3358 - Advanced Topics in Environmental Science

Advanced treatment of topics concerning environmental sampling in Houston and the surrounding area. Students will learn about the environmental sampling structure of the Houston area for the enforcement of laws concerning air, water and soil contamination as a foundation for this course. Further detailed examination of particular portions of the enforcement sampling profession will be presented by speakers who are professional practitioners in the environmental field. *Prerequisites or co-requisites:* ENSC 3151 and 3357. *Spring, even years.*

3360 - Ecology for Environmental Management

Survey course in ecology from the viewpoint of function and role as it applies to environmental management. Introduction to ecological concepts such as niche, ecosystem, population, energy flow and trophic structure. Field trips are required. *Prerequisites:* ENSC 1343, 1143, 1344, 1144, MATH 3332 or permission of faculty member. *Spring, odd years.*

4162 - Research: Data Acquisition and Analysis

Thesis data acquisition; collection of data, identification of analytical techniques and data analysis. *Prerequisite or co-requisite:* ENSC 3161 or permission of faculty member. *Fall, Spring, Summer.*

4171 - Research: Thesis Writing

Completion of the research process. Students will complete the research process by submitting a written thesis. *Prerequisite or co-requisite:* ENSC 4162. *Fall, Spring, Summer.*

4191 - Internship in Environmental Science

Work experience in environmental research for a business, government or not-for-profit agency in the environmental field. Participation in internships will not count towards a Bachelor of Science degree in Environmental Studies or Environmental Science. To be arranged by the student with the approval of the chair and advisor. *Prerequisite or co-requisite:* ENSC3351, MATH 3332 or permission of the faculty member. May be repeated for credit. On demand.

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. On demand.

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. On demand.

4354 - Environmental Chemistry

Fundamental laws and concepts of chemistry as they relate to the interaction of chemicals with the natural environment. *Prerequisites or co-requisites:* CHEM 1341, 1141, 1342, 1142. *Fall, odd years.*

ENVIRONMENTAL STUDIES (ENVR)

- 2346 - Environment, Society and Sustainability**
An interdisciplinary introduction to environmental problems and environmental problem solving. Initial focus in an examination of individual and collective attitudes towards the environment and environmental problems. Part two focuses on the role on the nongovernmental organizations, media, business and industry as well as the government in environmental problem solving. *Prerequisites:* ENSC 1343, 1143 recommended. *Fall, odd years.*
- 3111 - Environmental Ethics Seminar**
Discussion of current topics in environmental ethics, ranging from philosophical foundations to practical applications in the context of environmental professional practice. *Prerequisites:* permission of faculty member and junior standing. *On demand.*
- 3161 - Research: Proposal**
Identification of thesis topic and development of an annotated bibliography. Students will submit a thesis proposal to the department and prepare an under graduate research committee funding proposal for their work. *Prerequisites:* ENSC 2346 and MATH 3332, or permission of faculty member. *On demand.*
- 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. *Fall, even years.*
- 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. *Fall, odd years.*
- 4111 - Senior Seminar**
Seminar students will examine their first three years of college and their preparation towards graduation, employment and/or graduate school. Topics for investigation will pertain to employment trends, certification programs and graduate schools. *Prerequisites:* ENVR 3111, senior standing and permission of faculty member. *Fall.*
- 4162 - Research: Data Acquisition and Analysis**
Thesis data acquisition; collection of data, identification of analytical techniques and data analysis. *Prerequisite or co-requisite;* ENVR 3161 or permission of faculty member. *Fall, Spring, Summer.*
- 4171 - Research: Thesis Writing**
Students will complete the research process by submitting a written thesis. *Prerequisite or co-requisite:* ENVR 4162. *Fall, Spring, Summer.*

4191 - Internship in Environmental Studies

Work experience in business, government or not-for-profit agencies in the environmental field. Participation in internships or research is an essential part of the preprofessional curricula for the BA students. To be arranged by chair. Prerequisites: ENVR, 4352, MATH 3332 or permission of faculty member. May be repeated for credit. No more than 3 hours of internship will be counted towards graduation. *Fall, Spring, Summer.*

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. May repeat for credit. *On demand.*

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. *On demand.*

4352 - Environmental Law

History, development and present status of laws concerning the environment. *Prerequisite:* senior standing or 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 to the protection of the environment. *Prerequisites:* senior standing or permission of faculty member, ENVR 2346. *Spring, even years.*

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 course taught through the Internet and will complete a final project at the University. *Prerequisites:* ENVR 3355. *On demand.*

FRENCH

MODERN AND CLASSICAL LANGUAGES DEPARTMENT

Program Chair: Rolande L. Leguillon, rolandel@stthom.edu

French offers a complete program of language, application of language to other fields, literature and culture that prepares students for careers in many fields. Student options in French include a major, joint majors and a minor. Majors are prepared to teach and to undertake graduate studies and research in the language and/or to use the language in linked careers such as business. The joint majors combine French with Spanish (Romance Languages) and Romance Languages with International Studies. In cooperation with the School of Education, the program offers courses that lead to primary and secondary teaching certification in French.

Students in the major reach an advanced level of proficiency in their listening, speaking, reading and writing skills. They receive an in-depth vision of French culture from the beginning to contemporary French or Francophone culture in France, Africa, Asia and the Americas.

The program incorporates and highly recommends French studies in a French-speaking country. The program collaborates with universities and institutions in French-speaking countries. Supporting studies in history, art history and linguistics as well as in other languages and literature are also advisable.

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 faculty and interested students. Minimum 24 credit hours of upper-division French courses (3000 and 4000) at least 15 credit hours of which must be courses in literature, civilization and linguistics or professional certification at the 4000 level, either on campus or in the study abroad program.

Required: 18-21 credit hours

FREN	3324- Phonetics or the equivalent
	3334- Oral Communication I
	3335- Oral Communication II
	3337- Advanced Grammar and Guided Composition
	4333- Survey of French Literature I
	4334- Survey of French Literature II
	4371- French Culture

Electives: 6-12 credit hours

FREN	3331- Business French
	3338- Introduction to Research & Literary Analysis
	3340- Translation
	4331- Survey of Francophone Literature
	4338- Historical Linguistics
	4372- Francophone Culture
	4391- Internship in French
	4392- Directed Reading/Independent Study in French.
	<i>Prerequisite: permission of Program Chair.</i>
	4393- Special Topics in French .
	<i>Prerequisite: permission of Program Chair.</i>

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.

The following courses are required for French minors

	3335- Oral Communications II
	3337- Advanced Grammar and Guided Composition
	4371- French Culture

No grade lower than a C will count toward a minor.

JOINT MAJORS

Joint majors combining French and Spanish (Romance Languages), Romance Languages and International Studies majors are available.

Evening and Saturday Offerings in French: FREN 1331 and 1332 will be offered in the evening in the fall and spring semesters. A 3000- or 4000-level course will be offered in the evening both fall and spring semesters.

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. *Fall*.

2332 - Intermediate French II

A combination of conversation and composition. *Spring*.

3324 - Phonetics

Study of the sounds of French. Theory and correction of diction. *Fall, even*.

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. *Odd*.

3334 - Oral Communication I

A conversation course designed to develop fluency in speaking French. For non-native speakers. *Fall, odd*.

3335 - Oral Communication II

An advanced conversation course designed to develop fluency in speaking French. For non-native speakers. *Spring*.

3337 - Advanced Grammar & Guided Composition

An advanced composition course designed to refine writing skills. Some creative writing is expected. Open to native speakers. *Spring*.

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. *Fall*.

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. Fall, even*.

4331 - Survey of Francophone Literature

An overview of Francophone literature. *Spring*.

4333 - Survey of French Literature I

The main works of French literature from medieval period to the middle of the 19th century. *Fall, odd*.

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4334 - Survey of French Literature II

The main works of French Literature from the middle of the 19th century to the present. *Fall, even.*

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. *Spring.*

4371 - French Culture

France, its physical and human aspects; its political, economic, religious and cultural life. *Fall, odd.*

4372 - Francophone Culture and Literature

An overview of Francophone literature and culture in Canada, in the Antilles and in North Africa.

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 professor 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 professor 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.

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 requirement of a minimum GPA of 2.00 in the major applies to each of the discipline concentrations.

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.

Evening and Saturday Offerings in General Studies: Over a two-year cycle all courses necessary for this major are offered in the evening and/or on Saturday.

GEOGRAPHY (GEOG)

Contact: Linda M. Pett-Conklin, lmpe@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. *Instructor approval required.*

4193, 4293, 4393, 4493- Special Topics in Geography

Upper-division treatment of selected topics of mutual interest to the professor and students. *Consent 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 STUDIES DEPARTMENT

Geology courses are offered through the Environmental Studies Department. These courses are required for education majors in life/Earth science, and some are offered to satisfy the University core general science requirement. 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 on demand 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. *Prerequisite or co-requisite:* GEOL 1141. *Fall, Summer.*

1141 - Physical Geology Laboratory

Emphasis on rock and mineral identification and map interpretation. To accompany lectures of Geology 1341. *Prerequisite or co-requisite:* GEOL 1341. *Fall, Summer.*

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. *Prerequisite or co-requisite:* GEOL 1142. *Spring.*

1142 - Historical Geology Laboratory

The study of interpretation techniques, geologic maps and fossils. *Prerequisite or co-requisite:* GEOL 1342. *Spring.*

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:* BIOL 1342, 1142, GEOL 1341, 1141 or ENSC 1344, 1144. *On demand.*

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. *Prerequisite or co-requisite:* Geology 1341, 1141 or permission of faculty member. *On demand.*

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. *On demand.*

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. *On demand.*

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. *Fall, Spring.*

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. *Fall*.

2332 - Intermediate German II

Continuation of 2331. Includes some readings in each student's major field as a special individual project. *Spring*.

4192, 4292, 4392, 4492- Directed Reading/Independent Study in German

Supervised work done under the direction of a professor 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 professor and students. *Prerequisite*: permission of MACL Chair.

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 by taking a standardized test in the senior year. 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 bachelor of arts degree in history will be able to use their knowledge, research and writing skills in careers related to history, such as teaching, law, journalism, 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 Fr. 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: 36 credit hours

HIST	1335- World Community I
	1336- World Community II
	2333- United States to 1877
	2334- United States since 1877
	4330- Historiography and Historical Method

Two courses (6 credit hours) from the following:

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HIST	3303- Europe: The Middle Ages
	3304- Europe: The Early Modern Age
	3331- Age of Revolutions: Europe 1715-1870
	3332- Era of the Great Wars: Europe 1870-1950

15 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 from the following:

GEOG	2332- World Regional Geography
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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 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.

Three courses (9 credit hours) from the following:

HIST	1335- World Community I to 1750
	1336- World Community II since 1750
	2333- United States to 1877
	2334- United States since 1877

9 credit hours of upper-division courses (3000-4000 level).

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 and Political Science.

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. *Fall, Spring.*

1336 - World Community II

The far-reaching social, political, industrial and technological revolutions that have shaped the modern world. *Fall, Spring.*

2333 - United States to 1877

The 13 colonies, the Revolution, the creation of a new nation, the Civil War and Reconstruction. *Fall, Spring.*

2334 - United States since 1877

Social, political and economic changes from the Gilded Age to the era of Vietnam, Watergate and beyond. *Fall, Spring.*

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. On demand.

3303 - Europe: The Middle Ages

The development of European civilization in the Middle Ages; the culture of Christendom (300-1300). *Fall.*

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). *Spring.*

3331 - Age of Revolutions: Europe 1715-1870

Enlightenment, French Revolution and Napoleon, political and cultural revolutions of Liberalism, Romanticism, Socialism and Nationalism. *Fall.*

3332 - Era of the Great Wars: Europe 1870-1950

The two world wars, the rise of Communism and National Socialism, the search for peace. *Spring.*

3333 - England under the Tudors and Stuarts 1485-1714

From Henry VII to Queen Anne: the Elizabethans, Civil War, Commonwealth and Restoration. On demand.

3334 - England since 1714

The Georgian, Victorian and Edwardian periods; the rise of the British Empire and modern Britain. On demand.

3335 - Prehistory: An Archaeological Perspective (ARCH 3335)

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. *Spring, even years.*

3340 - Colonial Latin America

A study of ideas and attitudes, institutions and events in Latin America from the prequest 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.

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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. *Spring, odd years.*

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. *Spring, even years.*

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. *Fall, odd years.*

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. *Spring, odd years.*

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. *Spring, even years.*

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. *Fall, even years.*

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. *Fall, odd years.*

4320 - Russia since Alexander II

Intellectual and political thought and Russian historical development from Alexander II through the collapse of the Soviet Union. *Spring, even years.*

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. On demand.

4326 - Victorian Britain

Manners and mores, ideas and events during the 63-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. *Fall, even years.*

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. *Fall.*

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. *Fall, even years.*

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. *Spring, odd years.*

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. *Fall, even years.*

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. *Fall, Spring.*

4193, 4293, 4393, 4493- Special Topics in History

Upper-division treatment of selected topics of mutual interest to faculty and students.

INTERNATIONAL STUDIES (INST)

Chair: Gustavo Wensjoe, Wensjoe@stthom.edu

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

Director: Gustavo Wensjoe, Wensjoe@stthom.edu

The Center for International Studies is the home of the International Studies, International Development, and Geography 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.

The Center, 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 the bishops noted is becoming ever more possible through the development and spread of "modern means of transportation and communication."

MAJOR IN INTERNATIONAL STUDIES**Core Curriculum Courses: 71 credit hours****Theology: 6 credit hours**

Two courses from the following:

- THEO 3375- Eastern World Religions
 3376- Western World Religions
 4334- Social Justice and the Church

Social and Behavioral Sciences: 6 credit hours

- GEOG 2332- World Regional Geography

One course from the following:

- GEOG 4330- Geography of Natural Resources
 3333- Urban Geography

History: 6 credit hours

- HIST 1335- World Community I to 1750
 1336- World Community II since 1750

Mathematics: 3 or 4 credit hours

- MATH 3332- Statistical Methods or
 2434- Applied Statistical Concepts

International Studies: 36 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

One course (3 credit hours) from the following:

- INST 3357- Regional Study of Europe
 3359- Regional Study of Latin America
 3360- Regional Study of East Asia
 3363- Regional Study of North Africa and the Middle East
 INST _____ International Studies Elective
 INST _____ International Studies Elective
 INST 4398- Senior Thesis in International Studies Part I
 INST 4399- Senior Thesis in International Studies Part II

Minor Program Courses: 18 credit hours

Students are strongly encouraged to select a minor for their undergraduate degree. Suggested minors include Business Administration, 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 may require 12 credit hours of language classes above the core requirement of 6 credit hours.

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Practical International Experience: Being immersed in an international environment is one of the most effective means 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.

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: 18 credit hours

INST	1351- Introduction to International Studies
INST	3352- International Politics
INST	3355- Intercultural Issues

One course (3 credit hours) from the following:

INST	3357- Regional Study of Europe
	3359- Regional Study of Latin America
	3360- Regional Study of East Asia
	3363- Regional Study of North Africa and the Middle East

Two additional courses selected 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.

JOINT MAJORS

Joint majors are available that integrate International Studies requirements with those of Catholic Studies, Communication, Environmental Studies, 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 programs.

MAJOR IN INTERNATIONAL DEVELOPMENT

Core Curriculum Courses: 71 credit hours

Theology: 6 credit hours

Two courses from the following:

THEO	4334 Social Justice and the Church
	and one of the following:
	3375- Eastern World Religions
	3376- Western World Religions

Social and Behavioral Sciences: 6 credit hours

GEOG 2332- World Regional Geography
 INST/GEOG 3000 or 4000 level course

History: 6 credit hours

HIST 1335- World Community I to 1750
 1336- World Community II since 1750

Mathematics: 3 or 4 credit hours

MATH 3332 Statistical Methods or
 2434 Applied Statistical Concepts

International Development: 51 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

One course (3 credit hours) from the following:

INST 3357- Regional Study of Europe
 3359- Regional Study of Latin America
 3360- Regional Study of East Asia
 3363- Regional Study of North Africa and the Middle East
 INST 3366- The American Foreign Policy Process
 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
 INST 4398- Senior Thesis in International Studies Part I
 INST 4399- Senior Thesis in International Studies Part II

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 may require 12 credit hours of language classes above the core requirement of 6 credit hours.

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:

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 instructor.

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 instructor.

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 instructor.

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. *Prerequisites:* INST 1351 or permission of instructor.

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 instructor.

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 instructor.

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 instructor.

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 instructor.

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 professor.

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. Consent 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 of instructor required.

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+ 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 the American character and how it influences and is influenced 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 intraregional 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+ hours*

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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+ 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+ 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+ 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+ 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+ 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+ 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+ hours*

4367 - U.S. Security Policy and Strategy in the Twenty-First Century

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 we will explore 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+ 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+ 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. This course examines 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+ hours*

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4371 - International Human Rights

This course introduces the theoretical, legal and policy issues of importance in human rights discourse. 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 of any particular legal system is required.

Prerequisite: 60+ 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 Day. 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.

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. It is expected that the result of this intensive research and writing exercise will be a thesis fit for presentation at a professional conference and the UST Research Symposium. *Prerequisite: INST 4398.*

IRISH STUDIES

Contact: Lori M. Gallagher, gallagl@stthom.edu

The Irish Studies minor is an interdisciplinary program of courses focused on Irish history, politics, law, literature, theology, language and culture as well as the Irish-American experience.

MINOR IN IRISH STUDIES

The interdisciplinary minor enables the student to combine Irish-related courses and core requirements into a unified program of studies. The minor prepares students for graduate work in the field or to satisfy a special interest area by acquiring a more comprehensive understanding of Irish Studies at the undergraduate level. The University has an agreement with Mary Immaculate College in Limerick, Ireland, for study abroad at either the undergraduate or graduate level and is offering study abroad opportunities at the National University of Ireland at Maynooth. The Irish Studies Program curriculum enhances these opportunities.

Minor in Irish Studies: 18 credit hours

Required courses: 9 credit hours

Irish Studies

- IRST 3365- Ireland since 1600
- IRST 4392- Directed Reading/Independent Study

English

- ENGL 4393- Modern Irish Literature

Electives: 9 credit hours from courses listed below

Art History

- ARTHS 4392- Directed Readings

Drama

- DRAM 4392- Directed Readings

English

- ENGL 4393- Modern Irish Playwrights
- ENGL 4393- James Joyce
- ENGL 4393- Modern Irish Women Writers
- ENGL 4393- Ulysses

Political Science

- POSC 4393- Contemporary Irish Political and Social Issues

Theology

- THEO 4336- American Catholic Heritage
- THEO 4393- Celtic Spirituality

Irish Studies

- IRST 1331- Elementary Irish I
- IRST 1332- Elementary Irish II
- IRST 3365- Ireland since 1600
- IRST 3366- Historical and Political Perspectives on Irish Law and Culture
- IRST 4392- Directed Readings in Irish Studies
- IRST 4393- Special Topics in Irish Studies

LATIN AMERICAN AND LATINO STUDIES (LALS)

Contact: Gustavo Wensjoe, wensjoe@stthom.edu

The United States Southwest, particularly Texas and Houston, is in the vortex of a vast, multi-layered, hyper-dimensional exchange within the Western Hemisphere. This region, state, and city affect that interchange, are affected by it, are adapting to it, and are being transformed through it in ways ever more apparent but perhaps not comparably understood. Within the last two decades students of Latino heritage at the University of St. Thomas have risen from near invisibility to over one in four, thus reflecting the change permeating this region and the nation. This program seeks through scholarship and learning to foster the hope and opportunity inherent in the change of which we are a part.

PROGRAM DESCRIPTION

This interdisciplinary minor provides students with a focused understanding of Latin American and Latino areas of study, as well as the credentials indicated on their university transcript to attest to this expertise. The minor requires a total of 18 credit hours, nine required and nine elective. A maximum of two courses can be taken in any single academic program.

DEGREE REQUIREMENTS**Program Foundation Courses: 9 hours**

INST	3359	Regional Study of Latin America
POSC	3366	Mestizaje: Multiculturalism in the Americas or
POSC	3363	Latino Politics
SPAN	4372	Hispanic American Culture or
MACL	4372	Culture in Translation

Program Elective Courses: 9 hours

BIE/INST/SOCI	3301	Mexican Culture (M rida Program)
BIE	3339	Teaching Multicultural Populations
CS/POSC	4393	Latin American Religion and Politics
INST	4358	Contemporary M xico
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/CS/SPAN	4335	US Hispanic Writers
CS/SPAN	4336	Hispanic Women
SPAN	4363	Hispanic Cinema
Participating Majors		Special Topics/ Independent Studies/ Internships

Language Requirement:

- ¥ Completion of UST core requirement, in Spanish or Portuguese, at placement level is required, or alternative proficiency, as determined by MACL
- ¥ High intermediate proficiency (ACTFL-Criteria) in Spanish and/or Portuguese, as determined by MACL, is **highly recommended**

LIBERAL ARTS

Coordinator: Sara Laidlaw, laidlas@stthom.edu

The liberal arts major provides the opportunity for students 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:

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 requirement of a minimum GPA of 2.00 in the major applies to each of the discipline concentrations.

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.

Evening and Saturday Offerings in Liberal Arts: Over a two-year cycle, all courses necessary for this major are offered in the evening and/or on Saturday.

MATHEMATICS

Department Chair: Michael Colvin, colvinm@stthom.edu

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 students understand and appreciate the nature of mathematical thought and the role abstraction and logic play in it.

The department offers courses leading to the bachelor of arts degree with a major or minor in mathematics. The department also contains the Cooperative Engineering Program for students preparing for a career in engineering while pursuing a liberal arts education. Students in the Cooperative Engineering Program receive a Bachelor of Science degree in Applied Mathematics upon completion of the Program. Students interested in a teaching career may select courses specifically designed to support their goals. The department also offers courses that fulfill the University's core curriculum requirement.

The major and minor curriculum consists of a central core of courses that provide a solid basis for advanced work and fit the needs of individual students. A minimum grade of "C" is required in any major or minor course if it is to count as a prerequisite for a subsequent mathematics course.

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.

The major in mathematics requires completion of 41 credit hours in mathematics consisting of a 32 hour core plus 9 elective hours. The Cooperative Engineering Program consists of a mathematics core requirement of 25 credit core plus 9 elective hours at the 3000s level or above. The department supervises a curriculum leading to teacher certification in mathematics at the 4-8 and 8-12 levels. For more information, refer to the tables below.

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. All graduating elementary and secondary teachers with a teaching field in mathematics must take the Texas Education Agency Exit Test (ExCET) for certification (see School of Education). The ExCET should be taken during the semester of certification.

BACHELOR OF ARTS MAJOR IN MATHEMATICS

Mathematics: 41 credit hours

Major Courses:

CORE: 32 credit hours

MATH 1431- Calculus I
 1432- Calculus II
 2431- Calculus III
 2338- Introduction to Programming
 2340- A Transition to Mathematics
 2343- Differential Equations I
 3181- Junior Seminar (May substitute MATH 4182)
 3334- Linear Algebra I
 4181- Senior Seminar (May substitute MATH 4183)
 4331- Real Analysis I
 4338- Abstract Algebra I

ELECTIVES: 9 credit hours of upper-division (3000 - 4000) courses

3 credit hours must be chosen from Math 4332 or 4339.

3 credit hours must be chosen from Math 4332, 4335, 4336, 4339 or 4346;

The remaining 3 credit hours must be chosen from any non-core 3000 or 4000 level course except Math 3325, 3332, 3333, 3336, 3341, 3342 or 3344

Teacher Education: The student preparing for certification may select mathematics as a teaching field and complete the program for teacher certification in mathematics. A student interested in the 4 - 8 program is advised to contact the department chair at the earliest possible date. The minimum requirement for the teaching field in mathematics at the 8 - 12 level are the 32 credit hour mathematics core with the senior project option outlined in the table above. The student must additionally choose 6 elective credit hours, with 3 of them chosen from Math 3340, 3345, 3346, or 4339, and the remaining 3 units chosen at the 3000 or 4000 levels, with the exceptions noted above. A candidate for this program is strongly advised to have completed the minimum requirements no later than the start of the spring term of the final year.

MINOR IN MATHEMATICS**Mathematics: 24 credit hours**

A minor in mathematics is requires by completing a coordinated course of study. Students may select one of two directions in the mathematics minor program, the first of which consists of a 17 unit core: MATH 1431, 1432, 2343, 3323, and 3334, plus six elective credit-hours. The second direction consists of an 18 unit core: MATH 1431, 1432, 2431, 2343, and 3334, plus six elective credit hours. In each direction, elective units are to be chosen from MATH 4331, 4338, 4341, 4335, or 4346.

JOINT MAJOR**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 three credit hours chosen from Math 4332, 4339, 4341, or 4335.

COURSES**1315 - Intermediate Algebra**

This course is required of any student who fails the math placement exam and must be passed with a grade of "C" or better to take any subsequent math course. MATH 1315 is especially designed to prepare a student for a subsequent mathematics course required by the University. *This course does not satisfy the core requirement or credit requirements for graduation. Pass/Fail. Fall, Spring.*

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. *Prerequisite:* Passing score on math placement exam and high school trigonometry or equivalent. *Fall, Spring.*

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. *Prerequisite:* Successful score on mathematical placement exam or the equivalent. *Fall, Spring.*

1353 - Mathematics for Economics and Business

Mathematics of finance, linear equations, inequalities and mathematical models with emphasis on applications. *Prerequisite:* Successful score on mathematical placement exam or the equivalent. *Fall, Spring.*

1431 - Calculus I

Limits, continuity, differentiation, integration and applications of both differentiation and integration. *Prerequisite:* Passing score on the mathematics placement exam or Math 1331 or the equivalent. *Fall, Spring.*

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. *Fall, Spring.*

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. *Spring*

2338 - Introduction to Programming

Students are introduced to the application of computers to engineering and scientific problems using modern computational packages and a high level programming language. Data representation, software design and utilization, structured programming and numerical algorithms are introduced through student programming projects. *Prerequisite:* MATH 1431 with a grade of "C" or better. *Spring.*

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. *Spring.*

2343 - Differential Equations I

Basic concepts, theory, methods, and applications of ordinary differential equations. *Prerequisite:* MATH 1432 with a grade of "C" or better. *Fall, Spring.*

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. *Fall, Spring.*

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 3440. This course may not be used as part of the mathematics courses required of mathematics majors. *Prerequisites:* Appropriate score on placement exam or permission of department chair. *Spring.*

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.

3181 - Junior Seminar

Written and oral analysis and presentations by students on topics from mathematics. Student research projects. *Prerequisites:* MATH 2431 and MATH 2340 or permission of department chair. *Fall, Spring.*

3193, 3293, 3393, 3493- Special Topics in Mathematics

Junior division treatment of selected topics of mutual interest to the faculty member and students. *Prerequisite:* permission of departmental 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 2340 or permission of departmental chair. *Spring.*

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. *Prerequisites:* Passing score on Mathematics Placement Exam, Math 1353 or equivalent or permission of departmental chair. *Spring.*

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 3340. This course may not be used as part of the upper-division mathematics courses required of mathematics majors. *Prerequisite:* Math 1353, passing score on an appropriate mathematics placement exam or permission of departmental chair. *Fall, Spring.*

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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. *Fall.*

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 2431 or permission of departmental chair. *Fall, Spring.*

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. *Spring.*

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. *Spring.*

3337 - Modern Geometry

A study of the foundations of Euclidean geometry; non-Euclidean geometry. *Prerequisite:* Successful completion of a University core mathematics course. *Spring.*

3339 - Topics in Numerical Analysis

Numerical algorithms as applied to differential and integral calculus; stability and convergence of methods with error estimates. *Prerequisite:* MATH 2338 and 2343. *Fall.*

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. *Prerequisite:* PHYS 2331, MATH 2431. *Fall.*

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. *Spring.*

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 with a "C" or better. *Spring.*

3344 - Mathematical Methods in Engineering

Introduction to advance 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 or permission of departmental chair. *Fall.*

3346 - History of Mathematics

Evolution of mathematics from earliest to modern times. Major trends in mathematical thought, the interplay of mathematical and technological innovations, and the contributions of great mathematicians. Appropriate for prospective and in-service teachers. *Prerequisite:* Math 2340 or permission of departmental chair. *Spring*

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:* Successful completion of a University core mathematics course *Spring.*

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 or MATH 3325. *Fall.*

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:* permission of departmental 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:* Permission of departmental chair.

4181 - Senior Seminar

Written and oral analysis and presentations by students on topics from mathematics. Student research projects. *Prerequisite:* MATH 3181 or permission of departmental chair. *Fall, Spring.*

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. May be taken in place of Junior Seminar (MATH 3181) to meet core requirements. Students may not receive credit for both MATH 3181 and MATH 4182. *Prerequisites:* Senior standing and permission of departmental chair.

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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. *Prerequisites:* Senior standing and permission of departmental 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 or permission of departmental chair. *Spring.*

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 with a grade of "C" or better. *Fall.*

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 with a grade of C or better or permission of departmental chair. *Spring.*

4335 - Topology

The basics of point-set topology. Open and closed sets, limit points, topological spaces, countability, compactness, connectedness, metrics and metric topologies. *Prerequisite:* A grade of C or higher in MATH 2340 or permission of departmental chair. *Spring.*

4336 - Complex Analysis

Calculus of a function of a complex variable. *Prerequisite:* MATH 2340 or permission of Departmental Chair. *Spring.*

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 or permission of departmental chair. *Fall.*

4339 - Abstract Algebra II

Direct products, Sylow theory, ideals, extensions of rings, factorization of ring elements, modules, and Galois theory. *Prerequisite:* MATH 4338 or permission of departmental chair. *Spring.*

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 2340 and MATH 3334 with a grade of C or better or permission of departmental chair. *Spring.*

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.

Prerequisites: Math 2340 and Math 2343 with a grade of “C” or better or permission of departmental chair. *Spring.*

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 or permission of departmental chair. *Spring.*

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 it 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: 18 credit hours as follows from the course offerings listed below:

History- 3 credit hours

English, French or Spanish Literature- 3 credit hours

Arts (art history or music)- 3 credit hours

Philosophy or theology- 3 credit hours

Electives- 6 credit hours

COURSES

All courses are offered through the academic departments.

Art History

- ARTHS 3340- Early Medieval Art
- 3341- Late Medieval Art
- 4345- Iconography of Christian Art
- 4393- Special Topics (when applicable, e.g., Christian Art and Architecture)

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English

ENGL 1342- The Middle Ages and Renaissance: Lit. & Comp. II
3310- Chaucer
4321- Arthurian Literature
4339- Dante
4393- Special Topics (when applicable, e.g., Medieval Vision Literature)

French

FREN 4115- Literature of the Middle Ages and the Renaissance

History

HIST 3303- Europe: The Middle Ages
3359- Science and Society to 1500
4322- Reform and Reformation
4325- Ancient Britain
4337- Magic and Witchcraft to 1700
4338- Europe and the Age of Discovery
4393- Special Topics in History (when applicable)
HIST/POSC 3302- History of the Common Law

Music

MUSC 3341- Survey of History and Literature I: Middle Ages to Bach

Philosophy

PHIL 2316- Medieval Philosophy
4336- Special Problems in the Philosophy of St. Thomas Aquinas
4341- Major Philosophers (when applicable)
4354- Philosophy of St. Augustine
4393- Special Topics in Philosophy (when applicable)

Spanish

SPAN 4333- Survey of Spanish Literature I

Theology

THEO 3345- Theology of St. Thomas Aquinas
3363- Church History I
4347- Fathers of the Church

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 regularly offers or, concerning 3 and 4, can possibly offer:

1. Comprehensive classroom-delivery programs in French and Spanish languages, cultures and literatures (limited on-line versions by permission of program chair and department chair only);
2. Varied course offerings by various delivery methods in German, Greek and Latin languages, cultures, literatures, and history;
3. Varied courses by various delivery methods in Arabic, Hebrew, Korean, Mandarin Chinese and Portuguese languages, cultures and literatures.
4. Varied courses by various delivery methods in other LOTE (languages other than English) by the Critical Languages (individualized) method.
5. 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;
6. Courses leading to primary and secondary teaching certification (French and Spanish), in cooperation with the School of Education.
7. Courses leading to interdisciplinary joint-majors (See French and Spanish Program details).
8. 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 a 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.

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All students with prior target-language study of any kind, or heritage or native speaker status, 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, though 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.

MACL 130I-02- 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. On demand.

1331-2 - 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. On demand.

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 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 the department chair.

LESS-COMMONLY TAUGHT LANGUAGES VIA CLASSROOM AND CRITICAL LANGUAGE APPROACH

COURSE OFFERINGS IN ARABIC, HEBREW, ITALIAN, JAPANESE, KOREAN, MANDARIN CHINESE, PORTUGUESE AND VIETNAMESE THROUGH SPECIAL ARRANGEMENT.

MAY BE OFFERED WITH COMPONENTS ON OR OFF-CAMPUS

MUSIC (MUSC)

FINE AND PERFORMING ARTS DEPARTMENT

Music Program Chair: Thomas J. Crow, tcrow@stthom.edu

A major in music or music education provides a comprehensive background in music theory, music history and performance. The vast majority of the program's offerings emphasize Western music with performance concentration 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.

The program offers academic and applied studies for nonmajors. 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. It maintains an active recital series for the University and community.

MAJOR IN MUSIC

Music: 42 credit hours

MUSC	2363- Basic Musicianship I
	2364- Basic Musicianship II
	2164- Basic Musicianship II Laboratory
	3363- Basic Musicianship III
	3163- Basic Musicianship III Laboratory
	3364- Basic Musicianship IV
	3164- Basic Musicianship IV Laboratory
	3341- Survey of History and Literature I
	3342- Survey of History and Literature II

Students must enroll in a music program ensemble and in private instruction from a music-program-applied music teacher each semester, in addition to passing a piano proficiency examination and 5 credit hours of electives in academic courses. With permission of the chair, students who have made a grade of at least C- in piano lessons taught by a department faculty member may be exempted from the piano proficiency examination.

MAJOR IN MUSIC EDUCATION

Specific requirements, in addition to those for the BA in music, include:

HIST	2333- United States to 1877 2334- United States since 1877
POSC	2332- Federal, State and Local Government
EDUC	3303- Educational Psychology 3204/3104- Curriculum and Instruction/Curriculum and Instruction Lab 4305- American Schools 4338- Classroom Management 4360- Student Teaching, Elementary 4370- Student Teaching, Secondary
RDGED	3303- Adolescent Reading
MS	3333- Oral Communication
MUSC	3234- Techniques 3235- Techniques 3336- Conducting Piano Proficiency Examination

Students enrolled in either BA program must fulfill the following requirements:

1. Achieve at least "C-" in all music courses;
2. Attend 10 concerts of the University of St. Thomas concert series each semester;
3. Present a Senior Recital or substantial research project in the senior year;
4. Take a standardized test during the senior year.

MINOR IN MUSIC**Music: 19 credit hours**

MUSC	2363- Basic Musicianship I 2364- Basic Musicianship II 2164- Basic Musicianship II Laboratory 3341- Survey of History and Literature I 3342- Survey of History and Literature II
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Ensemble and private instruction- 6 credit hours

Piano proficiency examination. With permission of the chair, students who have made a grade of at least "C-" in piano lessons taught by a department faculty member may be exempted from the piano proficiency examination.

Evening and Saturday Offerings in Music: Some applied music classes can be arranged 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 instructor. *Fall, Spring.*

1105 - Jazz Ensemble

Repertoire emphasizes current and historical trends in jazz music. *Prerequisite:* permission of faculty member. *Fall, Spring.*

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 instructor. *Fall, Spring.*

1107 - Chamber Music Ensemble

Performance of instrumental duos, trios, quartets, etc., from the classic period to the present. *Prerequisite:* permission of the faculty member. *Fall, Spring.*

1108 - Wind Ensemble

An ensemble of wind, brass and percussion instruments that performs music from the 18th century to the present. Open to all students. *Fall, Spring.*

APPLIED MUSIC**1110 - Class Piano, Voice or Guitar**

Beginning group instruction in physical and intellectual mastery of a music instrument/voice. 3-4 students per class. *Fall, Spring.*

1113, 3113 - Class Composition or Improvisation

Melodic, harmonic and rhythmic approach toward form leading to composition or improvisation. *Prerequisite:* MUSC 2363. *Fall, Spring.*

INDIVIDUAL APPLIED MUSIC (Voice, Piano and All Other Instruments)

Credit for individual instruction is given on the basis of 1 credit hour for a half-hour lesson per week during the semester. A maximum of 2 credit hours on one instrument may be taken in a single semester. During each summer session, a maximum of 1 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 program chair waives this requirement.

After 60 credit hours, four semesters of private instruction and permission of the program chair and faculty member at the semester exam, a student may enroll in upper-division applied music credit.

1114, 1224 - Applied Music Study

Private study in piano, voice or other instrument. *Fall, Spring.*

3114, 3224 - Applied Music Study

Private study in piano, voice or other instrument. *Prerequisite:* permission of the music faculty. *Fall, Spring.*

MUSIC HISTORY AND LITERATURE**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. *Spring.*

3341 - Survey of History and Literature I

Middle Ages through the Baroque period. A study of the stylistic development of music. *Prerequisite:* Permission of instructor. *Fall.*

3342 - Survey of History and Literature II: Baroque to the Present

A continuation of the study of music. *Prerequisite:* Permission of instructor. *Spring.*

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MUSIC THEORY

2363 - Basic Musicianship I

An introductory course covering the elements of music, melody, harmony, texture, terms, ear training and sight singing. *Fall, Spring.*

2364 - Basic Musicianship II

Continued study of melody harmony, style, basic forms and seventh chords. *Prerequisite:* MUSC 2363. *Spring.*

2164 - Basic Musicianship II Laboratory

Sight singing, ear training and keyboard practice correlated to material presented in MUSC 2363. *Prerequisite:* MUSC 2363. *Spring.*

3333 - Form and Analysis

The structure of music from its smallest motival 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 and 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. *Prerequisite:* MUSC 2364. *Fall.*

3163 - Basic Musicianship III Laboratory

More advanced practice in sight singing, ear training and keyboard harmony, correlated with MUSC 3363. *Prerequisite:* MUSC 2364. *Fall.*

3364 - Basic Musicianship IV

Chromaticism, extended musical forms, analysis and composition; extension of traditional harmony. *Prerequisite:* MUSC 3363. *Spring.*

3164 - Basic Musicianship IV Laboratory

Continuation of MUSC 3163. *Prerequisite:* MUSC 3163. *Spring.*

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 instructor.

3336 - Conducting

Study of the director's role relative to choral and instrumental 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 instructor.

SPECIAL PROJECTS**0115, 0116 - Supplemental Study**

Special work in areas of need. Conducted under the supervision of a faculty member. *Fall, Spring.*

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 permission of the program 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.

PASTORAL STUDIES

Contact: Fr. Joseph Pilsner, CSB, pilsner@stthom.edu

The major in pastoral studies is designed for students who wish to prepare themselves for serving in various ministries of the Catholic Church. Building on an essential program in theology, it also provides training in skills necessary for pastoral ministries, with a choice of three concentrations: catechetics, sacramental-liturgical ministry or liturgical music ministry.

Upon graduation, a student majoring in pastoral studies should be able to interpret scriptural, historical and systematic/moral texts in accord with theological methodologies, and to meet job descriptions for pastoral ministries in Catholic parishes.

An exit examination will assess a student's achievement of the objectives of this major.

PASTORAL STUDIES AND THE CORE CURRICULUM

1. Students registered in the program for Diploma/BTh in pastoral theology at the School of Theology at St. Mary's Seminary as UST degree-seeking students will have satisfied the University's core requirement in theology upon completion of that program. Cases of partial completion are subject to the decision of the Theology Department chair.
2. School of Theology/Undergraduate/Pastoral: Homiletics (YBPH) 3200- Homiletics Practicum will satisfy the oral requirement. Students who opt not to take YBPH 3200 will follow the requirements for the School of Arts and Sciences.

MAJOR IN PASTORAL STUDIES

The major consists of 36 credit hours in pastoral studies, with a minimum of 15 credit hours in upper-division courses. For each of the three concentrations, a selection of appropriate courses will be chosen, subject to the approval of the Theology department chair.

30 credit hours may be satisfied by selected undergraduate courses from the School of Theology at St. Mary's Seminary. At least 6 credit hours must be chosen from 3000/4000-level courses offered by the Theology Department.

At least two practica must be completed.

Students are advised to take Spanish to satisfy their language requirement.

MINOR IN PASTORAL STUDIES

A minor in pastoral studies requires completion of at least 18 credit hours in pastoral studies, 9 credit hours of which must be upper-division courses. At least two practica must be completed.

COURSES

For a list of courses, consult the Theology section of this catalog and the undergraduate course offerings for the School of Theology.

PHILOSOPHY (PHIL)

Department Chair: Mary C. Sommers, sommers@stthom.edu

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.

The courses in philosophy are designed to promote these aims of a liberal education:

1. to expand the mind through vital contact with many of the greatest and most influential thinkers of all time;
2. to recognize and evaluate the underlying assumptions that govern contemporary opinion and to consider alternatives;
3. to develop a capacity and love for disciplined and creative thinking about difficult matters;
4. to understand connections among all the parts of an education; 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.

PHILOSOPHY IN THE CORE CURRICULUM

Students choose either the systematic sequence or the historical sequence as the first three philosophy courses required for the core curriculum, but they must complete one entire three-course sequence. These courses must be taken in the order shown.

Systematic Sequence

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

Historical Sequence

PHIL 1315 (3315)- Ancient Philosophy
 2316- Medieval Philosophy
 3317- Modern Philosophy

Students taking the four- or five-course requirement must complete either of the three-course sequences and any other one or two courses. PHIL 1311 and 1315 may not both be taken, nor both PHIL 1315 and 3315. Students who enroll with 60+ hours of transfer credit and who intend to take only the two-course requirement should take PHIL 3315 and PHIL 2316 to ensure earning sufficient upper-division credit for graduation.

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

PHIL 1311- The Philosophy of the Human Person
 2314- Ethics
 2333- Logic (Traditional Logic)
 3313- Metaphysics
 4312- Philosophy of Knowledge (Epistemology)
 4390- Senior Seminar

Group II

PHIL 1315 (3315)- Ancient Philosophy
 2316- Medieval Philosophy
 2333- Logic (Traditional Logic)
 3317- Modern Philosophy
 4318- Contemporary Philosophy
 4390- Senior Seminar

MINOR IN PHILOSOPHY**Philosophy: 18 credit hours**

Students minoring in philosophy must complete one of the two three-course sequences and three additional courses.

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-effectiveness. (The historical sequence, however, offers these students upper-division 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. *Fall, day and evening; Spring, day; Summer I & II.*

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. *Fall, day; Spring, day, evening; Summer I.*

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. *Fall, day and evening; Spring, day; Summer II.*

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. *Fall, day and evening; Spring, day and evening; Summer I.*

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. *Fall, day and evening; Spring, day; Summer I.*

3315 - Ancient Philosophy

Same subject matter as PHIL 1315, satisfying all its requirements in the historical sequence, but taught at an upper-division level. *Fall, day and evening; Spring, day and evening; Summer I.*

3316 - Historical Introduction to Philosophy: Medieval Philosophy

Same subject matter as PHIL 2316, satisfying all its requirements in the historical sequence, but taught at an upper-division level. *Fall, day and evening; Spring, day. Summer I.*

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 or three courses in the systematic sequence. *Fall, day; Spring, day and evening. Summer II.*

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. *Fall, day.*

Completion of either the systematic or the historical sequence is the minimum prerequisite for all of 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. *Spring, day.*

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. *Spring, day.*

3352 - Philosophy of Aristotle

A special study of the philosophical thought of Aristotle based on selected texts from his works.

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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. *Spring, day.*

4318 - Contemporary Philosophy

A study of recent philosophical developments from Kant and Hegel to the existentialists and pragmatists. *Fall, day.*

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. *Fall, even years.*

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. *Fall, odd years.*

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. *Spring, day.*

PHYSICS (PHYS)

CHEMISTRY AND PHYSICS DEPARTMENT

Program Chair: Louie A. Galloway, III, galloway@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

PHYS	2333, 2111- University Physics I and Laboratory
	2334, 2112- University Physics II and Laboratory

12 credit hours from the following:

PHYS	3335- University Physics III
PHYS/MATH	3333- Electrical Circuits
	3336- Thermodynamics
	3341,3342- Mechanics I & II

Evening and Saturday Offerings in Physics: Course offerings in astronomy are anticipated for evenings in 2007-2009, and will be announced on-line.

COURSES

1111, 1112 - General Physics I and II Laboratory

To accompany General Physics I and II. An introduction to research techniques, including set-up 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, *Fall and Spring*; PHYS 1112, *Spring and Summer I*.

1323 and 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. *Fall, Spring, Summer*.

1324 and 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. *Fall, Spring, Summer*.

1331, 1332- General Physics I, II

Introductory physics for premedical and science students. Noncalculus introduction to kinematics, mechanics, thermodynamics, optics, electromagnetism and atomic physics. *Prerequisites*: MATH 1331 or equivalent, or permission of instructor. PHYS 1331, *Fall, Spring*; PHYS 1332, *Spring, Summer I*.

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, *Spring*; PHYS 2112, *Fall*.

2333 - University Physics I

Calculus-based course in physics. Particle kinematics and dynamics, conservation of energy and momentum, waves in continuous media and fluid mechanics. *Prerequisite*: MATH 1431 or concurrent enrollment. *Spring*.

2334 - University Physics II

Calculus-based course in physics. Electricity, magnetism, Maxwell's equations and electromagnetic waves. *Prerequisites*: PHYS 2333 and MATH 1432 or PHYS 2333 and concurrent enrollment in MATH 1432. *Fall*.

3333 - Electrical Circuits (MATH 3333)

Electrical circuit laws and theorems, natural and forced response to DC and AC excitation, transfer functions, systems analysis, transformers, electro-mechanics, power generation and distribution. *Prerequisites*: PHYS 2334; MATH 2343; *Spring*.

3335 - University Physics III

Calculus-based course in physics. Thermodynamics, kinetic theory of gases, sound, optics and quantum physics. *Prerequisites:* MATH 2431 or MATH 2343; PHYS 2334 or permission of instructor. *Fall.*

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. *Fall.*

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. *Spring.*

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. *Fall.*

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. On demand.

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. On demand.

POLITICAL SCIENCE (POSC)

Department Chair: Jon R. Taylor, taylorj@stthom.edu

The Political and Social Sciences 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: 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:

POSC 2331- American and Texas Government I
 2332- American and Texas Government II
 3300- Methods in Social Research
 3301- Statistics for the Social Sciences
 4399- Senior Thesis

1 course (3 credit hours) from the following political theory courses:

POSC 4301- Political Theory: Plato to Machiavelli
 4302- Political Theory: Hobbes to the Present
 4303- American Political Thought
 4304- Contemporary Political Thought
 4306- Catholic Political and Social Thought

1 course (3 credit hours) from the following judicial courses:

POSC 3333- Law and Society
 3342- Judicial Process
 3355- American Constitutional Law
 3302- History of the Common Law

1 course (3 credit hours) from the following political participation courses:

POSC 3331- Texas Politics
 3332- Urban Government and Politics
 3334- Campaigns and Elections
 3335- Political Participation
 3337- Politics and the Media
 3350- Legislative Procedures
 3362- Minority Politics
 4305- Religion and Politics

1 course (3 credit hours) from the following public administration courses:

POSC 3338- Issues in E-Government
 3353- The Presidency
 3371- Introduction to Public Administration
 3372- Public Personnel Administration
 3373- Public Administration Ethics
 3374- Bureaucracy
 3375- Federalism and Intergovernmental Relations
 3376- Public Budgeting and Policy Analysis

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
 2334- United States since 1877

PUBLIC ADMINISTRATION CONCENTRATION

Students pursuing this as part of the political science major must complete the following:

POSC 3371- Introduction to Public Administration

2 courses (6 credit hours) from the following:

POSC 3318- Administrative Law
 3338- Issues in E- Government
 3353- The Presidency
 3372- Public Personnel Administration
 3373- Public Administration Ethics
 3374- Bureaucracy
 3375- Federalism and Intergovernmental Relations
 3376- Public Budgeting and Policy Analysis
 4391- Internship in Political Science

PUBLIC LAW AND POLICY CONCENTRATION

Students pursuing this concentration as part of the political science major must complete the following:

POSC 3355- American Constitutional Law

2 courses (6 credit hours) from the following list of courses:

POSC 3302- History of the Common Law
 3303- Hale, Coke and Blackstone
 3304- The Marshall Court
 3305- Comparative Legal Systems
 3321- Immigration Law and Policy
 3322- Family Law
 3323- Employment Law
 3333- Law & Society
 3356- American Constitutional Law II (Criminal Procedure)
 3377- Administrative Law
 4310- Constitutional Politics Seminar

Courses of interest:

POSC 4000- LSAT Review
 4391- Internship in Public Law

SOCIAL JUSTICE CONCENTRATION

Students pursuing this 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
 4306- Catholic Political and Social Thought
 THEO 4334- Social Justice and the Church
 CS 4391- Social Justice Internship

MINOR IN POLITICAL SCIENCE

Political Science: 18 credit hours

2 courses (6 credit hours) from the following:

- POSC 2331- American and Texas Government I
 2332- American and Texas Government II
 3300- Methods in Social Research

1 course (3 credit hours) from the following judicial courses:

- POSC 3333- Law and Society
 3342- Judicial Process
 3355- American Constitutional Law

1 course (3 credit hours) from the following political theory courses:

- POSC 4301- Political Theory: Plato to Machiavelli
 4302- Political Theory: Hobbes to the Present
 4303- American Political Theory
 4304- Contemporary Political Theory
 4306- Catholic Political and Social Thought

1 course (3 credit hours) from the following political participation courses:

- POSC 3331- Texas Politics
 3332- Urban Government and Politics
 3334- Campaigns and Elections
 3335- Political Participation in the US
 3337- Politics and the Media
 3350- Legislative Procedures
 3362- Minority Politics
 4305- Religion and Politics

1 course (3 credit hours) from the following public administration courses:

- POSC 3338- Issues in E- Government
 3353- The Presidency
 3371- Public Administration
 3372- Public Personnel Administration
 3373- Public Administration Ethics
 3375- Federalism and Intergovernmental Relations
 3376- Public Budgeting and Policy

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 sessions.

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 can not be substituted for POSC 2331 or 2332, nor can it be used for the political science major. *Fall.*

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. *Fall, Spring.*

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. *Fall, Spring.*

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.

POCS 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 the Social Sciences

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

A comparative study of some early modern English jurists (Sir Edward Coke, Sir Mathew Hale and Sir William Blackstone).

3304 - The Marshall Court

A historical analysis of the work of the United States Supreme Court between 1789 and 1835.

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- 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.
- 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 - Political Participation in the United States**
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 - Issues in E-Government

This course is designed to provide the student with broad theoretical and practical knowledge of the far-reaching implications of the Internet and the Information Revolution on federal, state and local government operations as well as the American political system.

3342 - Judicial Process

Development and operations of courts and related institutions; impact of judicial decisions upon the political system.

3350 - Legislative Procedures

Advanced study of the U.S. Congress and the state legislature.

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. Spring.

3353 - The Presidency

This course will focus on the role of the presidency in the American political system. Emphasis will be placed on the office and powers of the President, the expansion of the constitutional presidency and the changing nature of presidential politics.

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.

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.

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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 - Bureaucracy

An examination of how bureaucracy has become the central form of organization in terms of how governments administer public policy in a mass society. Particular emphasis will be placed on the degree to which society has become bureaucratized and on what democratic alternatives are available to temper the excesses of bureaucracy.

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 Policy Analysis

This course examines the applied and theoretical aspects of budgeting, revenue and debt administration, and reviews the methods and political context of policy analysis. Specific topics will include: debt administration, tax and revenue administration, cash management and general budgeting practices in federal, state and local government.

4000 - LSAT Review

A noncredit 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. *Fall.*

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: Carl W. Scott, scott@stthom.edu

Psychologists study behavior and mental processes according to the scientific method. The Psychology Department offers courses to develop students' understanding of human nature and functioning, and trains students in the methods of scientific psychology. The Department of Psychology provides:

1. An explanation of the methods and results of scientific studies of human functioning to enhance a liberal arts education;
2. A program of undergraduate study in psychology that emphasizes empirical research methods, and provides opportunities that prepare students for employment and graduate or professional training.

MAJOR IN PSYCHOLOGY

Psychology: 35 credit hours

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 and 3434 before taking any other course for which these are prerequisites.

Graduating seniors seeking a major in psychology will complete the department's evaluation instruments.

PSYC 1332- General Psychology
 3433- Foundations of Statistical Analysis
 3434- Inferential Studies
 3338- Experimental Psychology
 3138- Experimental Psychology Lab

2 laboratory courses (8 credit hours) from the following:

PSYC 4434- Experimental Social Psychology
 4435- Cognitive Psychology
 4436- Perception
 4438- Biopsychology
 4440- Psychometrics

2 capstone courses that may be repeated with different content (6 credit hours) from the following:

PSYC 4381- Research in Personality Psychology
 4382- Research in Social Psychology
 4383- Research in Industrial/Organizational Psychology
 4384- Research in Cognitive Psychology
 4385- Research in Developmental Psychology
 4391- Internship in Psychology

The remaining 6+ credit hours are selected from departmental offerings on the basis of a student's interests, in consultation with the faculty advisor.

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 during their first semester.

JOINT MAJOR

Those 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. PSYC/BSAD; PSYC/SPAN; PSYC/COMM.

MINOR IN PSYCHOLOGY

Psychology: 18 credit hours

PSYC 1332- General Psychology

The remaining 15+ credit hours can be selected from departmental offerings on the basis of a student's interests, in consultation with the faculty advisor.

Evening 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 nonmajors.

*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. Fall, Spring.

NOTE: General Psychology is a minimum prerequisite for all other psychology courses.

*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.

*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. Fall, Spring.

3138 - Experimental Psychology Laboratory

Focuses on applied research methodology, data collection and report writing. *Corequisite:* PSYC 3338. Fall, Spring.

*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.

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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. *Fall, Spring.*

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. *Fall, Spring.*

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 department.

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 instructor.

*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 in the semester course bulletins. Recent topics include Psychology of Women, Psychology of Religion, Cultural Intelligence, and Psychology of Creativity. *Prerequisite:* permission of instructor.

- 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 work places as contexts for socialization.
- 4381 - Research in Personality Psychology**
Students will be introduced 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 instructor.
- 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 instructor.
- 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 instructor.
- 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 and 4435, or permission of instructor.
- 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 instructor.

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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 3338/3138, 3433 and 3434.

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 3338/3138, 3433 and 3434.

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 3338/3138, 3433 and 3434.

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 3338/3138, 3433, and 3434.

4440 - Psychometrics

This course reviews principles of psychological test construction, administration, evaluation and interpretation. The student 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

Contact: Lee J. Williames, williames@stthom.edu

Russia is an ancient land that has been an important force in the history of Eurasia for over two thousand years. Its civilization is a rich blend of the Eurasian experience, the Byzantine and European civilizations. Russia has in its history many periods of great triumph and crisis, but what has been constant since the 18th century is Russia's significance as a major force on the world stage. Russian Studies allows a student to investigate different dimensions of the Russian experience through two Russian Studies core courses and at least four other Russian Studies courses the student selects with the program advisor.

MINOR IN RUSSIAN STUDIES

The Russian Studies program draws on the substantial resources at the University and in existing collaborative relations. The minor will be intra-disciplinary, requiring 18 credit hours to complete.

The core sequence will be the two-semester sequence on Russia offered in history. The remaining 12 credits may be selected from any of the program's courses. Many of the courses have interdisciplinary components. The courses will be offered in most cases on a two-year cycle and will be cross-listed in most cases with the MLA program, Russian Studies, and in many cases among other programs.

Core:

Medieval & Imperial Russia (Hist 4319)	3 credits
Russia from Alexander II to the Present (Hist 4320)	3 credits
Elective choice:	
Regional Study of Russia & Eurasian States (INST 3358, HIST 4393)	3 credits
Russian Government and Politics (POS 4393)	3 credits

Students will take special topics electives and independent study courses to complete the minor, such as Slavic Christianity, Culture and its Byzantine Roots, Russia in Film or other topics. These require approval of the Russian Studies Program Committee. Students with Russian area courses from previous study are encouraged to transfer the credits into the program.

Study Abroad options are also available for study and travel in Russia.

Russian language may be taken by approval at area universities or as a study abroad opportunity in Russia.

SOCIAL JUSTICE STUDIES (JUST)

Program Director: John Francis Burke, jfburke@stthom.edu

The UST 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 apply 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

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- 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 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. The program director must approve all courses students select.

- A minimum of 9 credits have to be taken at UST.
- THEO 4334, POSC 3360, & POSC 4306 have to be taken at UST.
- No more than 9 hours can be taken from a single major.
- No more than 6 hours can be taken of directed readings and special topics courses.

The following are required for all social justice minors:

THEO	4334	Social Justice and the Church
JUST/POSC	3360	Introduction to Justice and Peace

1 course (3 credit hours) dealing with global political, economic, and environmental concerns.*

1 course (3 credit hours) dealing with ethical, legal, and political concerns.*

1 course (3 credit hours) dealing with psychological, sociological, and cultural concerns.*

1 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

*Contact program director for the approved courses in this area.

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.

SOCIOLOGY (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. *Fall*.

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. *Fall*.

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. Two weeks are spent on the University campus and four weeks in Mérida. *Summer*.

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. *Fall*.

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 rank.

SPANISH

MODERN AND CLASSICAL LANGUAGES DEPARTMENT

Program Chair: Elizabeth Coscio, coscioe@stthom.edu

Spanish offers a complete program of language, cultures, literatures and application of language to other fields that prepares students for careers in many fields. Student options in Spanish include a two-track major, ten joint majors, three certifications, a minor and an interdisciplinary minor, teaching certifications and interdisciplinary graduate study. 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. Joint majors are available with Catholic Studies, Communication, French (Romance Languages), International Studies, Marketing, Mathematics, Music, Psychology, and Romance Languages/International Studies. Students may pursue certifications in Spanish for International Business (SIB), Spanish for Bilingual Journalism (SBJ) and Spanish for Medical Professions (SMP). In cooperation with the School of Education, the program offers courses that lead to primary and secondary teaching certification in Spanish and serve the needs of those students who specialize in bilingual education. Students may pursue graduate study in cooperation with the Master in Liberal Arts (MLA) program.

Students in the major and certification programs reach an advanced level of proficiency in their listening, speaking, reading and writing skills. They receive a vision of Hispanic cultures from their prehistoric roots in Spain and pre-Colombian roots in Latin America to contemporary Hispanic culture in Spain and Spanish America.

The program incorporates and strongly recommends Spanish studies in a Spanish-speaking country. Each summer the program sponsors study abroad in Mérida, Yucatán, Mexico, a significant experience the program and a precursor of further study abroad.

MAJOR IN SPANISH

The Spanish major consist of a minimum of 30 credit hours of Spanish courses, at least 18 credit hours of which must be courses at the 3000-4000 levels, either on campus or in study abroad approved by the Chair. No grade lower than C counts toward a major.

The achievement of majors is assessed by requiring each major to prepare a student exit portfolio of work undertaken in 3000 and 4000-level classes. It must be submitted in the last semester of course work. Each graduating major is required to make an oral presentation in Spanish to Spanish faculty and interested students during the student s last semester of course work. The presentation is on a topic chosen from one or more of the upper-division Spanish courses and reflects the depth of knowledge the student has acquired in this program.

Traditional Track**Required courses**

SPAN	3324- Spanish Phonology and Phonetics
	3335- Advanced Oral Communication I
	3336- Advanced Oral Communication II
	3350- Advanced Oral Communication (Mrida only)
	3337- Grammar and Oral Communication
	3338- Introduction to Research and Literary Analysis
	4331- Survey of Spanish American Literature
	4333- Survey of Spanish Literature I
	4334- Survey of Spanish Literature II
	4371- Spanish Culture
	4372- Hispanic American Culture

Elective Courses

SPAN	3360- Literature of the Mexican Revolution
	3361- 20th Century Hispanic Literature
	3362- Hispanic Theatre
	3363- Masterworks of Mexican Literature
	4335- Hispanic Writers in the US
	4336- Hispanic Women
	4337- Spanish Linguistics
	4338- Origins and Evolution of the Spanish Language
	4339- Creative Writing
	4363- Hispanic Cinema
	4392- Directed Reading/Independent Study
	4393- Special Topics

Also, 3 credit hours in the Social Sciences dealing with the Hispanic Culture to be approved by an advisor in Spanish or the program chair.

At least one study abroad experience in a Spanish-speaking country, approved by the chair, is strongly recommended, ideally and initially the program's own summer studies in Mérida, Yucatan, Mexico. Supporting studies in social sciences, art history and linguistics, as well as other languages and literatures, are recommended.

Practical Applications Track**Required courses**

SPAN	4391- Internship in Spanish
	2 courses (6 credit hours) from the following pairs:
SPAN	3331- International Business I and
	4332- International Business II
	or
	3341- Medical Professions I and
	4342- Medical Professions II
	or
	3343 Print Media and
	3348 Broadcast Media

Recommended courses

SPAN	3340- Translation I
	4340- Translation II

JOINT MAJORS

CATHOLIC STUDIES: A minimum of 30 semester hours of 3000 and 4000 level Catholic Studies and Spanish courses (3000- and 4000- level), at least 12 in each discipline, either on campus or in study abroad approved by the respective chair or director.

COMMUNICATION: A minimum of 30 semester credit hours of 3000 and 4000 level Spanish and Communication courses, at least 12-15 specific credit hours in either discipline, either on campus or in study abroad approved by the respective chairs.

INTERNATIONAL STUDIES: A minimum of 18 credit hours of Spanish courses, at least 12 of which are 3000 and 4000 level, and a minimum of 21 credit hours in International Studies, either on campus or in study abroad approved by the respective chairs.

MATHEMATICS: A minimum of 30 credit hours of 3000 and 4000 level Spanish and Mathematics courses, with at least 15 credit hours in each, either on campus or in study abroad approved by the respective chairs.

ROMANCE LANGUAGES: A minimum of 30 credit hours of 3000 and 4000 level French and Spanish courses, at least 15 credit hours in each language, either on campus or in study abroad approved by the respective chairs.

ROMANCE LANGUAGES AND INTERNATIONAL STUDIES: A minimum of 45 credit hours of French, Spanish and International Studies courses: 12-15 3000 and 4000 level credit hours in French, 12-15 3000 and 4000 level credit hours in Spanish and 21 credit hours in International Studies, either on campus or in study abroad approved by the respective chairs.

MUSIC: A minimum of 12-15 credit hours of 3000 and 4000 level Spanish courses, either on campus or in study abroad approved by the chair, and 21 credit hours in music (including 2363, which fulfills the fine arts requirement) plus 7 credit hours of ensemble plus 8 credit hours of private instruction.

PSYCHOLOGY: A minimum of 12-15 credit hours of 3000 and 4000 level courses in Spanish, either on campus or in study abroad approved by the chair, and 29 credit hours in psychology beyond the 6 required in the core.

**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) consists of completion of 21 credit hours of Spanish courses, 15 of which must be 3000 and 4000 levels, either on campus or in the Mérida Program. No more than 6 credit hours may be 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

1 course (3 credit hours) from the following:

SPAN 4371- Spanish Culture

 4372- Hispanic American Culture

SOCI/BIED 3301- Mexican Culture (Mérida Program)

2 courses (6 credit hours) from the following pairs:

SPAN 3331- International Business I and

 4332- International Business II

or

 3341- Medical Professions I and

 4342- Medical Professions II

or

 3343 Print Media and

 3348 Broadcast Media

1 course (3 credit hours) from the following:

SPAN 4391- Internship in Spanish

 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 and 2000 levels, and of which the last 9 must be taken at the University.

COURSES

All students with prior target-language study of any kind, or heritage or native speaker status, 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 acquired at least intermediate fluency, may take the upper-division courses (3000 and 4000 levels) in no predetermined order, though 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 nonnative-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 who have at least two years of formal Spanish instruction, but, due to performance or timing, are not true beginners nor are they sufficiently prepared for an intermediate class. After this class students can enter SPAN 2331.

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 M rida Program only.

3324 - Spanish Phonology and Phonetics

An analysis of the Spanish phonological and phonetic. Intensive proactive 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. *Fall.*

3335, 3336, 3350 - Advanced Oral Communication (BIED 3335, 3336, 3350)

Designed to develop fluency in speaking Spanish 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 M rida 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. *Spring*.

3340 - Translation I

Provides the student with the specific vocabulary, structure and cultural insight in order 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. *Fall*.

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. *Fall*.

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. *Fall*.

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. *Spring*.

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.

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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 In s de la Cruz to Carlos Fuentes; a comparison of styles, viewpoints and themes. *Summer Program in Mérida only.*

4331 - Survey of Spanish-American Literature

An overview of Spanish-American literature from the Spanish conquest to the 20th century. *Fall, even.*

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. *Spring.*

4333 - Survey of Spanish Literature I

The main works of Spanish literature from Mio Cid to the end of the 17th century. *Fall, odd.*

4334 - Survey of Spanish Literature II

The main works of Spanish literature from the 18th century to the present. *Spring, even.*

4335 - Hispanic Writers in the U.S.

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 of students with 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. *Spring, odd.*

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 their own 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 instructor required.

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. *Spring.*

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. *Spring.*

4363 - Hispanic Cinema

Study of major Spanish and Latin American films in their socio-political, historical and aesthetic contexts. *Prerequisite:* SPAN 3335, 3336, 3337, or permission of the instructor.

4371 - Spanish Culture

Study of history, sociopolitical events, art, literature and customs of Spain. Provides the student with the specific cultural insight in order to deal effectively with the growing Spanish-speaking component of the U.S. or international scene. *Fall, odd.*

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. *Fall, even.*

4191, 4291, 4391 - Internship in Spanish

A one-semester volunteer work experience with an organization which 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 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 chair.

STUDIO ARTS

FINE AND PERFORMING ARTS 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.

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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. If 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 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
 1302- Drawing Fundamentals II
 1303- 2-D Design
 1304- 3-D Design
 2306 Color Theory
 3394 Studio Critique
 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 hours

First Year**Fall Semester: 15 hours**

ENGL 1341
 THEO 1300
 MATH 1351 or higher
 ARTS 1301 Drawing Fundamentals I
 ARTS 1303 2-D Design

Spring Semester: 15 hours

ENGL 1342
 PHIL 1311 or 1315
 COMM 1331 or 2332
 ARTS1302 Drawing Fundamentals II
 ARTS 1304 3-D Design

Third Year**Fall Semester: 18 hours**

THEO any 3000 or 4000 level course
 FOR LANG first semester in a sequence
 HIST American or World
 ARTHS any 3000-4000 level course
 ARTS INT I Studio Concentration
 ARTS 2306 Color Theory

Spring Semester: 16 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)

Second Year**Fall Semester: 16 hours**

ENGL 2312
 THEO 2300
 SOCI SCI
 NAT SCI + Lab
 BEG I select Studio Concentration

Spring Semester: 16 hours

ENGL - UD NOT 3312
 PHIL 2314 or 2316
 SOCI SCI
 NAT. SCI + Lab
 ARTS BEG II Studio Concentration

Fourth Year**Fall Semester: 15 hours**

THEO/PHIL any 3000or 4000 level course
 ARTS ADV I Studio Concentration
 ARTS 3394 Studio Critique
 ELECTIVE
 ELECTIVE

Spring Semester: 15 hours

THEO/PHIL any 3000or 4000 level course
 ARTS ADV II Studio Concentration
 ARTS 4393 Professional Practices
 seminar
 ELECTIVE
 ELECTIVE

BA/BFA MAJOR IN STUDIO ARTS**Studio Arts/Art History : 99hours**

Studio Arts: 84 credit hours

42 hours:All requirements for the BA major

6 hours life drawing ARTS 2310/ 2311

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6 hours 2D ARTS electives (not concentration)
6 hours 3D ARTS electives (not concentration)
6 hours Studio Critique ARTS 4395/ 4396
6 hours Senior Project ARTS 4698/4699
12 hours ARTS electives
Art History: 15 credit hours
ARTHS 2351/2352 Survey of Art I & II
6 hours Modern/Contemporary ARTHS
3 hour upper division ARTHS elective

Bachelor of Arts/Bachelor of Fine Arts: Studio Arts Major Sample Curriculum: 167 hours

First Year

Fall Semester: 15 hours

ENGL 1341
THEO 1300
MATH 1351
ARTS 1301 Drawing Fundamentals I
ARTS 1303 2-D Design

Spring Semester: 15 hours

ENGL 1342
PHIL 1311 or 1315
COMM 1331 or 2332
ARTS1302 Drawing Fundamentals II
ARTS 1304 3-D Design

Third Year

Fall Semester: 18 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
ARTS 2310 Life Drawing I

Spring Semester: 18 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

Fifth Year

Fall Semester: 18 hours

ARTHS UD ELECTIVE
ARTS 4698 Senior Project
ARTS 4396 Studio Critique
ARTS ELECTIVE
ARTS ELECTIVE

Spring Semester: 15 hours

ARTS 4699 Senior Project
ARTS 4393 Professional Practices Seminar
ARTS ELECTIVE
ARTS ELECTIVE

Second Year

Fall Semester: 16 hours

ENGL 2312
THEO 2300
SOCI SCI
NAT SCI + Lab
ARTS BEG I select Studio Concentration

Spring Semester: 16 hours

ENGL any 3000 or 4000 level course
PHIL 2314 or 2316
SOCI SCI
NAT SCI + Lab
ARTS BEG II Studio Concentration

Fourth Year

Fall Semester: 18 hours

THEO/PHIL any 3000or 4000 level course
HIST American or World
ARTHS - Modern/Contemporary Art History
ARTS ADV I Studio Concentration
ARTS 4395 Studio Critique
ARTS ELECTIVE 3-D not concentration

Spring Semester: 18 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

26 courses (84 hours at the Glassell School of Art) and 27 courses (83 hours at UST)

MINOR IN STUDIO ARTS

Studio Arts: 24 credit hours:

ARTS 1301- Drawing Fundamentals I
1302- Drawing Fundamentals II

One course (3 credit hours) from the following:

ARTS 1303- 2-D Design
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 carefully the special information in each course bulletin. 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 are 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.

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1305 - Basic Photography

This course is a practical introduction to black-and-white photography. Emphasis is placed 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

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 placed 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, imparts technical proficiency and encourages 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.

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. The 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. The 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.

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2391 / 2392- Printmaking: Monoprint

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.

2395 /2396 - Beginning Bookbinding

Participants execute one of a kind examples of both adhesive and non-adhesive bindings. Book construction techniques include concertina, pamphlet, album, and swen signature formats with hard and soft covers. Decorative techniques include making paste papers and water-based Japanese marbling. During the second semester, students refine their comprehension of the various adhesive and non-adhesive structures. Simple text and imaging possibilities are introduced. Emphasis is placed on design and content. . Some materials are provided. Limited enrollment.

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, that 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.

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.

3322 / 3323 / 4322 / 4323- Intermediate/Advanced Painting: Abstract Painting Essentials

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.

3333 / 3334- Intermediate Sculpture: Mixed Media

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.

3340 / 3341- Intermediate Ceramics

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.

3360 / 3361- Intermediate Jewelry

These courses focus on a survey of casting processes, with emphasis on matrix development. Integration with other processes is stressed.

3380 / 3381- Intermediate Watercolor

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.

3394 / 4394 / Studio Critique 2D and 3D: Beyond Technique

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.

3395/3396 - Intermediate Bookbinding

Students are encouraged to produce finished books while continuing to examine and refine issues of structure and content.

4191 / 4291 / 4391- Internship in Studio Arts

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.

4303- 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.

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, which 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.

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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 grulation. Among the various projects is the concept of a container. Individual development is emphasized as concepts, content and processes are combined.

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. Including the professional practices seminar and a working knowledge, at the advanced level, of 2-D and/or 3-D media. 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.

4395/ 4396 - Advanced Bookbinding

Students work on products designed in consultation with the instructor and executed independently. Aesthetic and technical advice is provided during individual and group critiques.

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 an a Glassell Studio School faculty advisor 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.

THEOLOGY (THEO)

Department Chair: Fr. Joseph Pilsner, CSB, pilsner@stthom.edu

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.

THEOLOGY IN THE CORE CURRICULUM

All students (except transfers with 60+ credit hours: see below) complete 3 courses (9 credit hours) in Philosophy, 3 courses (9 credit hours) in Theology, and 2 more courses: (6 credit hours) both Philosophy, both Theology, or one of each for a total of 24 credit hours.

The first three 3 theology courses are:

THEO 1300- Teachings of the Catholic Church
 2300- Introduction to the Sacred Scriptures (*Prerequisite:* 1300 / 3300)
 Any 3000- or 4000-level theology course (*Prerequisite:* 1300 / 3300 and 2300 / 3310).

Students who transfer 60 or more credit hours may satisfy the Theology core requirement by completing THEO 3300 (See 1300 / 3300 under Course Offerings below.) and THEO 3310.

MAJOR IN THEOLOGY

Theology: 42 credit hours

THEO 1300/3300- Teachings of the Catholic Church
 2300/3310- Introduction to the Sacred Scriptures
 3339- Christ the Savior
 3349- Christ and the Moral Life
 3363- Church History I
 3364- Church History II
 3382- God, One and Triune
 4337- Grace and the Human Condition
 4374- Modern Challenges to Christianity

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One course (3 credit hours) from the following:

THEO 3331- Catholic Church: Origin, Structure and Mission
3332- Theology of the Sacraments

One Old Testament course (3 credit hours) from the following:

THEO 3351- Prophets of Ancient Israel
3353- Pentateuch
3355- The Book of Psalms
4351- Wisdom in Israel
4378- The Hebrew Scriptures with Rabbinic Interpretation

One New Testament course (3 credit hours) from the following:

THEO 3352- Paul: His Letters and Theology
3354- Synoptic Gospels: Matthew, Mark, Luke
3365- Gospel and Letters of John
4320- Luke-Acts
4323- Teachings of Jesus
4368- Book of Revelation

6 credit hours of electives from 3000-4000 level THEO courses

Language Requirement:

A reading knowledge of Latin, biblical Greek or biblical Hebrew is also required. This requirement may be met by a departmental examination or by the completion of CLASS 1332- Latin (CLASS 1331 is a prerequisite) or CLASS 1342- Greek (CLASS 1341 is a prerequisite). Majors are also required to take the systematic sequence in philosophy.

MINOR IN THEOLOGY

Theology: 18 credit hours

The minor in theology requires THEO 1300/3300, 2300/3310 plus 12 credit hours in upper division Theology.

The core requirements in theology and philosophy consist of 9 credit hours in philosophy, 9 credit hours in theology, and 6 credit hours in addition (both philosophy, both theology, or one of each). By taking both additional courses in theology, a student can complete a minor in theology with only one more upper-division course (any 3000- or 4000-level course).

JOINT MAJOR

A joint major is available with 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 often 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. Fall, Spring.

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 take 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. Fall, Spring.

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. *Spring, even years.*

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. *Fall.*

3326 - Opening to Transcendence: Rediscovering Symbol (CS 3310) Cut

What images and symbols express the tensions inherent in human existence: body/spirit; time/eternity; good/evil? The Catholic tradition within literature and art. *Fall.*

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. *Fall.*

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. *Spring.*

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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. *As needed.*

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. *Spring, even years.*

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. *Spring.*

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. *Spring, odd years.*

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. *As needed.*

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. *Fall.*

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. *Fall, odd years.*

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. *Spring.*

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. *Spring, odd years.*

3354 - Synoptic Gospels: Matthew, Mark, Luke, Acts

The synoptic gospels in their historical and religious contexts; critical methods of studying these gospels and their relations to biblical theology as a whole. *Fall.*

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. *Fall, even years.*

3363 - Church History I

Church history and Christian thought from apostolic times to the end of the 13th century. *Fall.*

3364 - Church History II

Church history and Christian thought from the end of the 13th century to the present. *Spring.*

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. *Fall.*

3375 - Eastern World Religions

Study of the major Eastern religions: Hinduism, Buddhism, Confucianism and Taoism. *Fall.*

3376 - Western World Religions

Study of the major Western religions: Judaism, Christianity and Islam. THEO 3375 is not a prerequisite. *Spring.*

3378 - Introduction to Judaism

Major ideas, customs, ceremonies and traditions of Judaism. (This course is sponsored by the Jewish Chautauqua Society.) *Spring, odd years.*

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. *Fall.*

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. *Offered irregularly.*

4193 4293 4393 4493 - Special Topics in Theology

Upper-division treatment of a selected topic of mutual interest to the faculty member and students. *Offered irregularly.*

4320 - Luke-Acts

Exegetical examination of Luke and Acts in light of their relationship, including: Luke-Acts scholarship (Cadbury to the present) and the critical method it engendered; genre of Acts; literary and theological unity of Luke and Acts. *Spring, even years.*

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. *Spring.*

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. *Fall, even years.*

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. *Fall, odd years.*

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. *As needed.*

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. *Fall, even years.*

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. *Spring, odd years.*

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. *As needed*

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. *Spring.*

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. *As needed.*

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. *Spring, odd years.*

4351 - Wisdom in Israel

Introduction to the wisdom literature of the Old Testament: Job, Psalms, Proverbs, Qoheleth, Song of Songs, Wisdom and Sirach. *Spring, even years.*

4360 - John Henry Newman, 1801-1890

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. *Spring, odd years.*

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. *Spring, even years.*

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. *Spring, odd years.*

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. *Spring.*

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) *Spring, even years.*

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. *As needed.*

WOMEN, CULTURE, AND SOCIETY (WCS)

Contact: Elsa Zambosco-Thomas, ezt@stthom.edu

Women, Culture and Society (WCS), a new interdisciplinary program, is inspired by Pope John Paul II's statement in the Apostolic *Letter Mulieris Dignitatem* that the "personal resources of femininity are certainly no less than the resources of masculinity; they are merely different. Hence a woman, as well as a man, must understand her 'fulfillment' as a person, her dignity and vocation, on the basis of these resources, according to the richness of the femininity she received on the day of creation."

In order to uncover this "richness of the femininity," the WCS minor aims to introduce students (both women and men) to scholarship on women across the disciplines, including Catholic teachings on the dignity and vocation of women, to increase awareness of women in culture and society, to address social justice concerns, and to provide students with appropriate service learning opportunities in the community.

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MINOR IN WOMEN, CULTURE, AND SOCIETY

18 credit hours, consisting of 6 credit hours in two core courses (WCS 3300- Introduction to Women, Culture and Society, and either WCS 4391- Internship or WCS 4392- Directed Reading/Independent Study, 3 credit hours from philosophy/theology, and 9 credit hours in other disciplines.

COURSES (WCS)

Core Courses: 6 credit hours

WCS 3300- Introduction to Women, Culture, and Society

WCS 4391- Internship

or

WCS 4392- Directed Reading/Independent Study

Electives: 12 credit hours, 3 of which must be from philosophy/theology.

All departmental prerequisites for elective courses apply. For a specific semester s or summer session s offerings, see the UST on-line schedule.

Philosophy/Theology:

PHIL 4393- Women s Revolution in Philosophy

4393- Love and Death

THEO 3349- Christ and the Moral Life

3354- Synoptic Gospels

3375- Eastern World Religions

4325- Faith and Moral Development

Interdisciplinary courses: 9 credit hours from among the following:

CS 3300- Mapping the Catholic Cultural Landscape

COMM 3333- Nonverbal Communication

HIST 3303 - 4393 Any upper division history course may be taken with the permission of the instructor.

INST 3355- Intercultural Issues

4349- Latin American Cultures

4393- Perspectives on Modern China

POSC 3302- History of the Common Law

3312- Family Law

3333- Law and Society

4306- Catholic Political and Social Thought

PSYC 4393- Love, Intimacy, and Lasting Relationships

CLASS 4393- Greek Tragedy

ARTHS 4345- Iconography of Christian Art

DRAM 3339- History of the Theatre

ENGL 3316- Shakespeare

3341- Literary Criticism

4319- Shakespearean Topics

4322- Literature by Women in English

4393- Dante

4393- Medieval Drama

4393- Modern Irish Literature

FREN 4333- Survey of French Literature I

SPAN 3361- Modern Hispanic Literature

Cameron School of Business

Bahman Mirshab, *Dean*, mirshab@stthom.edu

Barry Wilbratte, *Associate Dean*, wilbratt@stthom.edu

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230 MISSION STATEMENT • PROGRAMS OF STUDY

The Cameron School of Business undergraduate program 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 program gives 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 possibilities available in the business program 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.

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 bachelors and masters degrees in a streamlined program combining undergraduate and graduate studies. The BBA/MBA requires 120 undergraduate and 36 graduate hours of study, thus reducing the total number of hours required for students to earn the two degrees, and allows them to take undergraduate and graduate courses concurrently.

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 Web site or contact the Cameron School at 713-525-2100.

In addition to offering major programs leading to the bachelor's degree, the Cameron School offers several minors, designed largely for nonbusiness majors but also available to business majors. The business minor fields of study are as follow:

- Accounting
- Economics
- Finance
- General Business

The business minors are intended to expose students to a variety of business disciplines and topics, and are designed largely for the benefit of nonbusiness majors.

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

University Core Curriculum: 71 credit hours; see pp. 75-78

- Theology and Philosophy: 24 credit hours
- English: 12 credit hours
- Social Sciences: 6 credit hours
Business Students must take ECON 1331 & ECON 1332
- Foreign Language: 6 credit hours
- History: 6 credit hours
- Mathematics: 3 credit hours
Business Students must take MATH 1353
- Natural Sciences: 8 credit hours
- Oral Communication: 3 credit hours
Business Students must take MGMT 3320
- Fine Arts: 3 credit hours

In addition to the above core courses, students entering the University as freshmen must complete the Odyssey course (UNIV 1101), involving one hour of credit. This course provides an integrative experience, bringing together key components of the University core content. Transfer students entering with at least 15 credit hours are exempt from this requirement.

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Business Core Curriculum: 33 credit hours excluding overlap with the University core

- ACCT 1341-Principles of Accounting I
- ACCT 1342-Principles of Accounting II
- DEIS 4333-Principles of Operations Management
- ECON 3331-International Economics
- FINA 3339-Principles of Corporate Finance
- MATH 3332-Elementary Statistical Methods
- MGMT 3347-Principles of Management
- MGMT 3390-Management Information Systems
- MGMT 4331-Business Law
- MGMT 4399-Senior Seminar
- MKTG 3343-Principles of Marketing

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 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: 45 credit hours including overlap with University core

ACCT	1341 - Principles of Accounting I 1342 - Principles of Accounting II
DEIS	4333 - Principles of Operations Management
ECON	1331 - Principles of Macroeconomics <i>Course will apply to university social science requirement</i> 1332 - Principles of Microeconomics <i>Course will apply to university social science requirement</i> 3331 - International Economics
FINA	3339 - Principles of Corporate Finance
MATH	1353 - Mathematics for Economics and Business <i>Course will apply to university mathematics requirement</i> 3332 - Elementary Statistical Methods
MGMT	3320 - Business Communication <i>Course will apply to university oral communication requirement</i> 3347 - Principles of Management 3390 - Management Information Systems 4331 - Business Law 4399 - Senior Seminar
MKTG	3343 - Principles of Marketing

Required Courses: 18 credit hours

ACCT	3332 - Managerial Accounting
	3333 - Income Taxation I
	3334 - Income Taxation II
	3341 - Intermediate Accounting: Assets
	3342 - Intermediate Accounting: Equities
	4333 - Principles of Auditing

Elective Courses: 3 credit hours from the following:

ACCT	3335 - Tax Practice (3 hours maximum)
	3336 - Financial Statement Analysis
	4191, 4291, 4391 - Internship in Accounting (three hours maximum)
	4335 - Fund Accounting
	4393 - Special Topics in Accounting

MINOR IN ACCOUNTING**I. Courses required for all accounting minors: 6 credit hours**

ACCT	1341 - Principles of Accounting I
	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
	3342 - Intermediate Accounting: Equities
	4335 - Fund Accounting
	3 credit-hour Accounting elective

Managerial Concentration: 12 credit hours

ACCT	3332 - Managerial Accounting
	3336 - Financial Statement Analysis
	4338 - Accounting Systems
	3 credit-hour Accounting elective

Tax Concentration: 12 credit hours

ACCT	3333 - Income Taxation I
	3334 - Income Taxation II
	3335 - Tax Practice
	3 credit-hour Accounting elective

General Concentration: 12 credit hours from the following

ACCT	3332 - Managerial Accounting
	3333 - Income Taxation I
	3334 - Income Taxation II
	3336 - Financial Statement Analysis
	3341 - Intermediate Accounting: Assets
	3342 - Intermediate Accounting: Equities
	4333 - Principles of Auditing
	4335 - Fund Accounting
	4338 - Accounting Systems

COURSES

ACCOUNTING (ACCT)

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. *Fall, Spring, Summer.*

ACCT 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, Fall, Spring, Summer.*

ACCT 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. Fall.*

ACCT 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. Fall.*

ACCT 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. Spring.*

ACCT 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. Spring.*

ACCT 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. Spring.*

ACCT 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. Fall.*

ACCT 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. *Spring.*

ACCT 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.

ACCT 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. *Fall, Spring.*

ACCT 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. *Fall, Spring*

ACCT 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. *Fall.*

ACCT 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. *Spring, Summer.*

ECONOMICS, FINANCE & DECISION INFORMATION SCIENCES

Department Chair: C. Joe Ueng, ueng@stthom.edu

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

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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 in finance is designed to provide students a working knowledge of the field 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

ACCT	1341 - Principles of Accounting I 1342 - Principles of Accounting II
DEIS	4333 - Principles of Operations Management
ECON	1331 - Principles of Macroeconomics <i>Course will apply to university social science requirement</i> 1332 - Principles of Microeconomics <i>Course will apply to university social science requirement</i> 3331 - International Economics
FINA	3339 - Principles of Corporate Finance
MATH	1353 - Mathematics for Economics and Business <i>Course will apply to university mathematics requirement</i> 3332 - Elementary Statistical Methods
MGMT	3320 - Business Communication <i>Course will apply to university oral communication requirement</i> 3347 - Principles of Management 3390 - Management Information Systems 4331 - Business Law 4399 - Senior Seminar
MKTG	3343 - Principles of Marketing

Required courses: 12 credit hours

FINA	3334 - International Financial Management 3335 - Financial Institutions and Markets 3350 - Investment Analysis 4350 - Risk Management
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Elective courses: 6 credit hours from the following:

ACCT	3336 - Financial Statement Analysis
FINA	3344 - Capital Budgeting 3349 - Principles of Real Estate 4391 - Internship in Finance

MINOR IN FINANCE**Required courses: 15 credit hours**

ACCT	1341 - Principles of Accounting I
ECON	1332 - Principles of Macroeconomics
FINA	3335 - Financial Institutions and Markets
	3339 - Principles of Corporate Finance
MATH	3332 - Elementary Statistical Methods

Elective courses: 3 credit hours from below

FINA	3334 - International Financial Management
	3350 - Investment Analysis
	4350 - Risk Management
	4391 - Internship in Finance

MINOR IN ECONOMICS**Required courses: 15 credit hours**

ECON	1331 - Principles of Macroeconomics
	1332 - Principles of Microeconomics
	3331 - International Economics
	3332 - Theory of Economic Development
FINA	3335 - Financial Institutions and Markets

Elective courses: 3 credit hours from below

ECON	4391 - Internship in Economics
	4393 - Special Topics: Globalization
FINA	3334 - International Financial Management

COURSES**DECISION SCIENCES (DEIS)****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.

Prerequisite: None. *Fall, Spring.*

DEIS 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++. *Prerequisite:* None. *Fall, Spring.*

DEIS 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. *Spring.*

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DEIS 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 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 permission of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

DEIS 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 permission of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

DEIS 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.

DEIS 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. *Prerequisites:* DEIS 1340. *Fall*

DEIS 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. *Spring.*

DEIS 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. *Prerequisites:* DEIS 3360.

ECONOMICS (ECON)

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. *Fall, Spring.*

ECON 1332 - Principles of Microeconomics

An analysis of the determination of prices in public and private economies, with special attention to the relation of theory to decision-making by business firms in competitive and monopolistic markets. *Fall, Spring.*

ECON 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 and the international monetary system. *Prerequisites:* ECON 1331, 1332. *Fall, Spring.*

ECON 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. *Prerequisites:* ECON 1331, 1332. *Spring.*

ECON 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. *Spring, alternate years.*

ECON 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. *Fall, alternate years.*

ECON 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 and 1332. *Fall, alternate years.*

ECON 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. *Spring, alternate years.*

ECON 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 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, permission of department chair and faculty member.

ECON 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.

ECON 4193, 4293, 4393, 4493 - Special Topics in Economics

Systematic analysis and discussion of selected topics of contemporary and current interest.

FINANCE (FINA)

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:* junior standing; ECON 1332; MATH 3332; ACCT 1341. *Spring.*

FINA 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. *Prerequisite:* ECON 1331,1332. *Fall, Spring.*

FINA 3339 - Corporate Finance

Analysis of corporate use of financial markets, 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:* junior standing; ECON 1332; ACCT 1341; MATH 3332. *Fall, Spring.*

FINA 3349 - Principles of Real Estate

A study of the fundamentals and practices of real estate. *Prerequisite:* ECON 1331, 1332; ACCT 1341. *Fall.*

FINA 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. *Fall, Spring.*

FINA 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 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, permission of department chair and faculty member.

FINA 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. *Fall.*

FINA 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. *Spring.*

MANAGEMENT & MARKETING

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 1342 - Principles of Accounting II
DEIS	4333 - Principles of Operations Management
ECON	1331 - Principles of Macroeconomics <i>Course will apply to university social science requirement</i> 1332 - Principles of Microeconomics <i>Course will apply to university social science requirement</i> 3331 - International Economics
FINA	3339 - Principles of Corporate Finance
MATH	1353 - Mathematics for Economics and Business <i>Course will apply to university mathematics requirement</i> 3332 - Elementary Statistical Methods
MGMT	3320 - Business Communication <i>Course will apply to university oral communication requirement</i> 3347 - Principles of Management 3390 - Management Information Systems 4331 - Business Law 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

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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 - Principles of Corporate Finance

MATH 3332 - Elementary Statistical Methods

MGMT 3347 - Principles of Management

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

1342 - Principles of Accounting II

DEIS 4333 - Principles of Operations Management

ECON 1331 - Principles of Macroeconomics

Course will apply to university social science requirement

1332 - Principles of Microeconomics

Course will apply to university social science requirement

3331 - International Economics

FINA 3339 - Principles of Corporate Finance

MATH 1353 - Mathematics for Economics and Business

Course will apply to university mathematics requirement

3332 - Elementary Statistical Methods

MGMT 3320 - Business Communication

Course will apply to university oral communication requirement

3347 - Principles of Management

3390 - Management Information Systems

4331 - Business Law

4399 - Senior Seminar

MKTG 3343 - Principles of Marketing

Required courses: 12 credit hours

MKTG 3344 - Marketing Applications

3345 - Consumer Behavior

3346 - Advertising and Integrated Marketing Communications

3351 - Marketing Research

Elective courses: 6 credit hours

Marketing-related electives selected 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
	3344 - Marketing Applications
	3345 - Consumer Behavior
	3346 - Advertising and Integrated Marketing Communications

COURSES**MANAGEMENT (MGMT)**

(A student must have completed 50 credit hours prior to enrolling in management or marketing courses.)

MGMT 3320 - Business Communications

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. 50+ credit hours. *Fall, Spring.*

MGMT 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. *Prerequisites:* 50+ credit hours, ACCT 1341, 1342; MKTG 3343, MGMT 3347.

MGMT 3347 - 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. *Prerequisites:* 50+ credit hours. *Fall, Spring.*

MGMT 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. *Prerequisite:* 50+ credit hours. *Spring.*

MGMT 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. *Prerequisite:* 50+ credit hours. *Fall.*

MGMT 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. *Prerequisite:* 50+ credit hours.

MGMT 3385 - Project Management

This course deals with managing projects in modern business organizations. This course is about project managers - what they do and how they do it. Topics include scheduling, evaluating, budgeting, and controlling projects. Other topics are assign 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. *Prerequisite:* 50+ credit hours.

MGMT 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. *Prerequisite:* 50+ credit hours. *Fall, Spring.*

MGMT 4331 - Business Law

General principles of the law of contracts, agency, bailment, sales, mortgages, negotiable instruments and bankruptcy. *Prerequisite:* 50+ credit hours. *Fall, Spring.*

MGMT 4336 - Legal Environment of Business

A study of consumer protection laws, anti-trust laws, securities regulations and other public policy that affects business practices. *Prerequisite:* 50+ credit hours.

MGMT 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.

MGMT 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 chair and instructor; minimum GPA of 3.0.

MGMT 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 course work (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.

MGMT 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 3347, FINA 3339. *Fall, Spring.*

MARKETING (MKTG)

MKTG 3343 - Principles of Marketing

The course analyzes marketing strategy and product decisions, pricing policy, sales promotion and distribution in the business environment. *Prerequisite:* 50+ credit hours. *Fall, Spring.*

MKTG 3344 - Marketing Applications

Applications approach to problem-solving and research techniques in marketing. *Prerequisites:* MKTG 3343 or equivalent; 50+ credit hours. *Spring.*

MKTG 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:* 50+ credit hours; completed MKTG 3343 recommended. *Fall.*

MKTG 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. *Prerequisite:* 50+ credit hours. MKTG 3343 or equivalent recommended. *Spring.*

MKTG 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; 50+ credit hours. *Spring.*

MKTG 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 permission of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

MKTG 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 permission of chair and instructor; minimum GPA of 3.0.

MKTG 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 course work (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.

MKTG 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. *Prerequisite:* 50+ credit hours. *Spring.*

School of Education

Ruth Strudler, *Dean* - strudler@stthom.edu

Rev. Dennis Andrews, CSB, *Associate Dean*, andrews@stthom.edu

250 TEACHER EDUCATION
252 BILINGUAL EDUCATION
253 EARLY CHILDHOOD EDUCATION
253 MULTIDISCIPLINARY STUDIES
253 READING EDUCATION
254 SPECIAL EDUCATION

UNDERGRADUATE PROGRAMS IN EDUCATION

The undergraduate education program is designed to develop classroom teachers with 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 at the Elementary School (early childhood-grade 4), Middle School (grade 4-8 with a concentration in, English Language Arts and Reading, Mathematics, Science or Social Studies) and Secondary School (grades 8-12 in a variety of teaching fields). All-level certification in 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.

ADMISSION TO TEACHER EDUCATION REQUIREMENTS

After the first 60 credit hours of study, students desiring to pursue teacher certification must apply for and be admitted 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 admission to the program, students must a) submit a completed application for admission to Teacher Education and an application essay; b) demonstrate a high level of competency in reading, mathematics, and writing as evidenced by their scores on the Texas Higher Education Assessment (THEA); c) have a grade point average of at least 2.50 in the first nine (9) credit hours of English and a grade point of at least 2.50 in the last 60 credit hours; and d) possess the personal and professional qualities necessary for success as a classroom teacher. 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. The College Committee on Teacher Education reviews applications of students wishing to enter the Teacher Education Program at the beginning of each term (fall, spring, and summer). The committee is comprised of 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. Candidates for the program receive notification from the committee stating approval, disapproval, or approval with conditions for admission to Teacher Education. The admission process assures both the candidate and the University that the applicant possesses the attributes necessary for success in a program of professional preparation.

FIELD EXPERIENCES REQUIRED PRIOR TO STUDENT TEACHING

Guided observation of and contact with the curricular and co-curricular activities of all children and youth are required in each of the professional education courses. Opportunities in off-campus schools, both public and private, and in non-school agencies are numerous in the immediate neighborhood of the University. Students can realize many of these experiences within the normal timetable of scheduled classes. Others may require additional time in the off-campus settings. Each student must have on record in the School of Education office a minimum of 100 clock hours of

professional field experience in a private/public school setting before being assigned a student teaching position. Students are also expected to complete 25 hours of professional development and 25 hours of community service prior to student teaching. Evening part-time students must complete a minimum of 50 clock hours of professional field experience, 20 clock hours of professional development, and 10 clock hours of community service prior to student teaching. Students should make allowances for these requirements when planning their program. During field-based experiences, the Director of Field Experiences provides formative and summative evaluations of each student's field experience observation hours. The director prepares reports on the progress of each student during the semester of their field-based experiences and sends them to the student's advisor.

NOTE: Before beginning a field experience, students may be required to pass a criminal records check.

REQUIREMENTS FOR ADMISSION TO STUDENT TEACHING

After 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 3303, 3304, 3339, and 4338) met with a grade point average of at least 2.50 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 2.50 or better in all teaching fields or areas of specialization; d) an overall grade point average of at least 2.50; 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) 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 Elementary School (EC-grade 4), Middle School (grades 4-8), Secondary School (grades 8-12) or All-level (EC-12) approved programs; and c) passing scores on all required TExES and TOPT tests.

250 UNDERGRADUATE PROGRAMS IN EDUCATION

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.

REQUIREMENTS FOR STUDENTS WHO HAVE NOT BEEN ADMITTED TO TEACHER EDUCATION BUT WHO WISH TO TAKE EDUCATION COURSES

Before registering for ANY of the following courses, a student must be admitted to Teacher Education:

EDUC	3303- Educational Psychology
	3304- Introduction to Curriculum and Instruction
	3339- Teaching Multicultural Populations
	4338- Classroom Management

Prior to admission to Teacher Education, students may register for following School of Education courses. In order to register for any School of Education course, students must be counseled into the course by an appropriate School of Education advisor. In no case may a student enroll in a School of Education course without the approval of the School of Education.

BIED	4330- Foundations of Bilingual Education
ECE	3370- Teaching the Young Child
MS	3333- Oral Communications
	3376- Essentials of Fine Arts
	4336- Computing and Technology
RDGED	3304- Teaching Reading Through Children s Literature
SPED	3339- Human Growth and Development
	4320- Exceptionality in Children and Youth

Evening and Saturday Offerings in Education: Consult the School of Education about evening and Saturday scheduling.

NOTE: Students on a deficiency plan or in the alternative certification program must pass the THEA prior to registering for any class in the School of Education.

COURSE OFFERINGS

In no case may a student enroll in a School of Education course without the approval of the School of Education.

TEACHER EDUCATION (EDUC)

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.

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.

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 of the School of Education.

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. 12 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. 12 weeks, all day. 6 credit hours.

4360/4364- Student Teaching, Elementary/Special Education

Directed study, observation and actual teaching in a cooperating elementary/special education classroom. 12 weeks, all day. 6 credit hours.

4370/4371- Student Teaching, Secondary

Directed study, observation and actual teaching in a cooperating secondary school. 12 weeks, all day. 6 credit hours.

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.

252 UNDERGRADUATE PROGRAMS IN EDUCATION

BILINGUAL EDUCATION (BIED)

3337 - Grammar and Guided Composition (SPAN 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.

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.

3355- Seminar for Natives Speakers of Spanish (SPAN 3355)

Designed primarily for students whose native language is Spanish and who wish to require. With the permission of the faculty member, qualified non-natives may be admitted. May be repeated with change of topic. (Does not count toward a major, minor or concentration in Spanish.)

4330- Foundations of Bilingual Education and English as a Second Language

Study of the sociolinguistic, linguistic, psycholinguistic and legal foundations underlying Bilingual Education and English as a Second Language.

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 placed 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 thematics 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

3333 - Oral Communication

Investigates the essentials of oral communication. Develops skill in attending to, responding to and analyzing oral communication. Develops fluency in using oral language to communicate effectively and to accomplish a variety of purposes such as informing, expressing and persuading.

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 prenumber 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 multiethnic literature to help children function more effectively in a pluralistic society.

254 UNDERGRADUATE PROGRAMS IN EDUCATION

3305 - Foundations of Reading

Approaches to teaching reading in the elementary school: emergent literacy, comprehension, vocabulary, integration of reading and writing and teaching reading to students with special needs. 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.

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..

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 Children and Youth

Characteristics of major categories of exceptional children; psychological and sociological implications for faculty members.

4322 - Theory and Behavior of Students with Emotional Disturbance

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 Disturbance

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 4320, 4325. *Corequisite:* SPED 4326.

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.



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