

# THOMAS MORE COLLEGE

## Catalogue 2013 - 2014

### NOTICE OF NON-DISCRIMINATORY POLICY

Thomas More College does not discriminate on the basis of sex, age, race, religion, ethnic or national origin, or physical handicap, in the administration of its admissions policies, financial aid policies, employment policies, or any other College-administered programs and policies.

Thomas More College complies with the provisions of The Family Educational Rights and Privacy Act (sometimes known as the Buckley Amendment) in protecting the privacy of the educational records of its students.

The Thomas More College Catalogue is intended for informational purposes only and does not constitute a contract between the College and the student. While this catalogue presents policies and programs as accurately as possible at the time of publication, the College reserves the right to revise any section or part of the catalogue without notice or obligation.

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## MISSION STATEMENT

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Thomas More College is the Catholic College of the Diocese of Covington, Kentucky. The College welcomes students of all faiths and beliefs. Our primary mission is to develop and sustain challenging undergraduate, graduate, and professional programs of study, marked by superior teaching and scholarship within the Catholic intellectual tradition. Inspired by the teachings of the Catholic Church, and by our patron, Saint Thomas More, we challenge students to examine the ultimate meaning of life, their place in the world, and their responsibility to others. Our programs of study emphasize liberal arts within a context of ethical concern and social responsibility. These programs of study are complemented by co-curricular services and programs intended to enhance lifelong learning, foster personal growth, and develop leadership qualities.

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## PROFILE

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Thomas More College, named for Saint Thomas More, the English scholar and statesman, was founded in 1921 in Covington, Kentucky, as Villa Madonna College by the Benedictine Sisters. Established as a college for women whose purpose was to train Catholic schoolteachers, the College received its charter from the Commonwealth of Kentucky in 1923. Six years later, in 1929, Villa Madonna College graduated its first students and in that same year was officially recognized as part of the Diocese of Covington. It was during this time that the operation of the College was expanded to three religious orders: the Sisters of Notre Dame, the Congregation of Divine Providence and the Benedictine Sisters.

Although founded as an institution for women, men attended many of the same classes through the Villa Madonna affiliated Saint Thomas More College. It was in 1945 that Villa Madonna College was officially designated co-educational and Saint Thomas More College was abolished. During the next twenty years, the College continued to grow and serve the needs of the community; and in 1968 an increasing enrollment and affirmation of its goals prompted the College to relocate from downtown Covington to what is now the Crestview Hills campus. The new complex was renamed Thomas More College and dedicated by President Lyndon B. Johnson.

Today, Thomas More College serves more than 1,600 full- and part-time students and is an integral part of the Northern Kentucky community. In addition to drawing heavily from the Greater Cincinnati and Northern Kentucky areas, students come to Thomas More from all over the United States and around the globe.

As an institution of higher education with a rich Catholic heritage, Thomas More College seeks to provide a quality liberal arts education in the arts, humanities, social and natural sciences. Its purpose is to provide within each student the quest for truth, the ability to reason and the degree of wisdom that marked the life of its namesake, Saint Thomas More. In achieving that end, Thomas More College hopes to help each student apply these qualities to successful life in the twenty-first century.

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## ACCREDITATION

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Thomas More College is:

- accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award Master, Bachelor, and Associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia, 30033-4097 or 404-679-4500 for questions about the accreditation of Thomas More College.
- accredited by the National League for Nursing Accrediting Commission (3343 Peachtree Road NE, Suite 500, Atlanta, GA 30326. Telephone number: 404-975-5000).
- approved by the Kentucky State Board of Nursing to offer a Bachelor of Science in Nursing (BSN) degree.
- approved by the Kentucky State Department of Education to offer teacher-education programs on the elementary and secondary levels.
- affiliated for a Medical Laboratory Science Program with the Clinical Laboratory Programs of Saint Elizabeth Medical Center of Covington, Kentucky.
- a member of the following associations:
  - American Association of Colleges for Teacher Education
  - Association of American Colleges
  - Association for Continuing Higher Education
  - College Entrance Examination Board
  - Council of Independent Kentucky Colleges and Universities
  - Greater Cincinnati Consortium of Colleges and Universities
  - Kentucky Independent College Foundation
  - National Catholic Educational Association
- recognized by the American Association of University Women.

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## **SHARED VISION STATEMENT**

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As Thomas More College fulfills its stated mission, we envision our school clearly known for its commitment to academic excellence in the liberal arts and in career preparation. To achieve our mission, we resolve to maintain a student/faculty ratio that permits small classes, individual attention, and close student/faculty relationships.

As a necessary foundation, we will develop an endowment sufficient to support high quality academic and extracurricular programs while we minimize tuition increases.

In response to the spirit of our College community, we will provide an atmosphere of openness, honesty, trust and respect that is ever apparent to ourselves and to visitors alike.

Ultimately, we at Thomas More College have committed ourselves to the integrity, concern for justice, and service to others for which our Spiritual Patron and namesake – Saint Thomas More – is so justly renowned.

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## **STATEMENT ON VALUES**

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Thomas More College has a two-fold nature: it is 1) Catholic and 2) an institution of higher learning. It consequently has a two-fold goal: to promote the truth and moral values espoused by the Roman Catholic Church and to do so in the context of providing higher education in both the speculative and practical orders. The faculty believes that such a goal can only be achieved when certain values are embraced and conveyed. While an exhaustive listing of these values might be more confusing than helpful, the faculty considers the statement that follows to indicate the way in which these values are interrelated and interdependent within the framework of a truly Christian understanding of faith, hope and love.

Because the College acknowledges the importance of human life and faith in God, it sees the pursuit of knowledge in all realms as contributing to a deeper understanding of God and God's creation. Knowledge, then, is not merely an end in itself, but a gateway opening to the mystery of reality, of truth. Faith informs the process by which truth is sought and underpins the value we place on the practice of academic freedom, which seeks to bear witness to the respect with which God treats individuals in their quest to know and live His Truth.

As a Christian community living in hope, the College attaches particular importance to those qualities that bring the reality of the Kingdom of God into the world. The College seeks to develop persons who will be competent in their various fields of endeavor, who will have a sense of responsibility toward their fellow human beings, respect for all life, indeed toward all the resources of the earth that God has placed in our care. The College community, therefore, holds out the ideal of a world in which the justice and peace of the Kingdom can be a reality that we bring to life, not simply an image we wish for but do nothing to attain.

In an atmosphere characterized by Christian love, the College promotes respect for the unique talents, self-awareness, self-fulfillment, and freedom of each person together with tolerance and compassion for their weaknesses and limitations. Because love is not just an emotion or a passing fancy, the College community challenges itself to translate love into commitment and service to others.

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## **STATEMENT ON DIVERSITY**

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As a Catholic, liberal arts college we work to give witness to God's creation and the dignity of the human spirit by including the diversity of humankind in our pursuit of scholarship, service and integrity.

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## **POLICY FOR ACCOMMODATING STUDENTS WITH DISABILITIES**

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Students with disabilities, both visible and invisible, seeking special accommodations must do so through the Academic Support Services Office of Thomas More College. Section 504 of The Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 requires Thomas More College to provide reasonable accommodations that afford an equal opportunity for students with disabilities. However, the College is not required to provide accommodations that would place an undue hardship on TMC, lower the standards of the academic program, or fundamentally alter the academic program. For accommodations to be awarded, the student must provide appropriate documentation of the disability. Generally, an undergraduate student needs only to produce the documentation of the disability at the beginning of his/her academic tenure at Thomas More College. However, all students receiving accommodations for disabilities must renew his/her registration for accommodations at the beginning of each and every semester the student is enrolled in classes.

Students seeking information about Thomas More College's disability services or wanting to register for accommodations should contact the Coordinator of Academic Support Services in the Student Life Department (859 344-3521).

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## STATEMENT ON INTELLECTUAL PROPERTY

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The policy statements about faculty, staff, and student work apply only to work covered by traditional faculty, staff, and student roles here at Thomas More College. If a faculty member, staff member, or a student is in a work-for-hire situation (for example a paid administrative role or a work-study role), these statements do not apply and work-for-hire standards shall apply. Persons in mixed roles must clarify ownership issues in writing with the designee of the College in advance of entering such a role.

Work for hire is defined as: (1) a work prepared by an employee within the scope of his or her employment; or (2) a work specially ordered or commissioned for use as a contribution to a collective work, as a part of a motion picture or other audiovisual work, as a translation, as a supplementary work, as a compilation, as an instructional text, as a test, as answer material for a test, or as an atlas, if the parties expressly agree in a written instrument signed by them that the work shall be considered a work made for hire (17 U.S.C. sec 101).

### **Faculty Work**

#### **Ownership**

- All work created within the typical academic role of a faculty member at Thomas More College shall remain the property of the creator. This includes items such as case studies, syllabi, tests, multi-media presentations, examples, models, artwork, etc.
- If work is created as part of a research grant or other externally-funded project, the faculty member shall retain ownership of all work, unless different ownership requirements are agreed to by the appropriate parties in writing prior to the start of the project. All parties must be formally informed and signify in writing their agreement with the ownership arrangements prior to accepting funding.
- If there are disputes, the College will support the ownership rights of the faculty member.

#### **Usage**

- Faculty is expected to share, without additional charge, materials developed for classroom use at Thomas More College with current TMC students. This does not include works created by a faculty member for other purposes (academic work created at another institution, works created for sale, works submitted for publication, etc.); use of these materials may require payment of reasonable additional fees.
- Faculty is encouraged to share freely of such work within the TMC community for academic purposes. Such usage requires full citation/credit for the creator of the material.
- Use of faculty materials for purposes other than academic or with persons other than current TMC students shall be negotiated in writing on a case-by-case basis and prior to the use of such materials. The College, however, encourages generosity in sharing materials.

### **Student Work**

#### **Ownership**

- All work created by students of Thomas More College shall remain the property of the creator. If the work is a group project, the students shall jointly and severally own the work.
- Responsibility for negotiating alternative arrangements lies within the group, must be described in writing, and must be approved in writing by all members of the group.
- If the work is created as part of a research grant or other faculty-directed or externally-funded project, students will receive credit for contributing to the project but the faculty member or funding agency shall retain ownership of all materials. If other arrangements are appropriate, they shall be agreed to in writing prior to the start of the project.

#### **Usage**

- Faculty may share student work within TMC for academic purposes. All student work shall be “blinded” to protect the student. No additional consent from students is required; this policy serves as sufficient notification to students. A student may ask for an exemption from this policy, on a case-by-case basis; such request shall be submitted to the Dean of the College who has the sole decision in the matter.
- Faculty may share student work by posting it on a TMC web site, putting it on reserve in the library, making and distributing copies, etc.
- As a matter of courtesy, faculty members who expect to use current student work as examples in their course shall include such intent in the course syllabus and shall discuss students’ rights for exemption.

### **Staff Work**

#### **Ownership**

- All work created by the staff of Thomas More College shall remain the property of the creator. If the work is a group project, the staff shall jointly and severally own the work. Responsibility for negotiating

alternative arrangements lies within the group and must be described in writing and must be approved in writing by all members of the group.

**Usage**

- Staff is expected to share, without additional charge, materials developed for campus use at Thomas More College with students and faculty. This does not include work created by a staff member for other purposes (work created for sale, work submitted for publication, etc.); use of these materials may require payment of reasonable additional fees.

**Joint Work**

**Ownership**

- All work created jointly, whether the collaboration involves students, faculty, or staff, shall be jointly owned. As such, all parties shall be treated equally with respect to ownership. Issues of first listing shall be negotiated by the owners.
- Any exceptions to this policy must be agreed to in writing.

**Usage**

- Usage of jointly-created works shall follow previously described guidelines.

**Dispute Resolution**

- Resolution of disputes of any kind shall follow a process parallel to the College's policy on resolving academic evaluation appeal process: the persons involved shall try to resolve the issue; if that fails, the department chair (or chairs) shall be involved; if that fails, the Vice President for Academic Affairs shall be involved; if that fails, an appeal board of peers (faculty and/or students) shall be convened.

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## DEGREE PROGRAMS

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### GRADUATE DEGREES AWARDED

Thomas More College offers two graduate programs and awards the following degrees:

Master of Business Administration (MBA)  
Master of Arts in Teaching (MAT)  
Master of Education (MEd)

### UNDERGRADUATE DEGREES AWARDED

In its undergraduate programs, Thomas More College awards the following degrees:

Bachelor of Arts (BA)  
Bachelor of Science (BS)  
Bachelor of Elected Studies (BES)  
Bachelor of Science in Nursing (BSN)  
Bachelor of Business Administration (BBA)  
Associate in Arts (AA)  
Associate in Elected Studies (AES)

A student receiving a bachelor's degree from Thomas More College may receive a second bachelor's degree of a different type from Thomas More College, *e.g.* a Bachelor of Arts degree and a Bachelor of Science in Nursing degree, after completing a minimum of 30 additional credit hours beyond the requirements for the first degree, including all requirements for the second degree program. Thomas More College does not award two separate bachelor's degrees within the 128 credit hours required for a bachelor degree.

In addition, the College awards certificates for successful completion of certificate programs.

### MAJOR FIELDS OF STUDY

The major fields of study at Thomas More differ, depending upon whether the student is working toward a bachelor's degree, an associate's degree, or a certificate.

#### The baccalaureate majors available are:

Accountancy (BA, BES)	Forensic Chemistry (BS)
Art (BA, BES)	Health Care Management (BBA)
Art History (BA)	History (BA, BES)
Biology (BA, BES)	Humanities (BA)
Business Administration (BA, BBA, BES)	International Studies (BA, BES)
Chemistry (BA, BES, BS)	Mathematics (BA, BES)
Communication (BA, BES)	Medical Laboratory Science (BA)
Communication and Theatre (BA)	Nursing (BSN)
Computer Information Systems (BA, BES)	Philosophy (BA, BES)
Criminal Justice (BA, BES)	Physics (BA, BES, BS)
Economics (BA, BES)	Political Science (BA)
Education:	Psychology (BA, BES)
Educational Studies (BA)	Sociology (BA, BES)
Elementary School (BA)	Spanish (BA)
Middle School (BA)	Sports and Entertainment Marketing (BA)
Secondary School (BA)	Theatre (BA, BES)
English (BA, BES)	Theatre and Communication (BA)
Environmental Science (BA)	Theology (BA, BES)
Forensic Biology (BS)	

Student initiated majors are also possible for the creative student who wishes to plan his/her own major program as an alternative to the above majors. The multidisciplinary approach to a major program paves the way for majors that are responsive to the contemporary student's quest for relevance and meaning, while not relaxing the standards which the College has set for the more traditional majors. A multidisciplinary major is defined as an academic program focusing on a significant global problem – for example, a major societal, academic, cultural, environmental, institutional or organizational problem – that draws upon several disciplines for courses which together constitute an academic approach to the problem. It is a full-fledged

major, but without a specific department. It must receive approval from the Vice President for Academic Affairs and the student must have a sponsoring advisor.

Major programs enable students to prepare themselves for:

1. graduate work in the various fields of preparation;
2. entrance to professional schools of dentistry, engineering, law, medicine, pharmacy, veterinary medicine, and related professions; and
3. employment in a variety of fields such as teaching, social work, medical laboratory science, nursing, engineering, industry, and business among others.

Students who, subsequent to the awarding of a given degree, earn a second major for that same degree are not entitled to participate in the graduation ceremony again, nor are they entitled to a second diploma. This regulation, however, does not prohibit students who complete the requirements of a *different* degree program from either participating in the graduation ceremony again or receiving a second diploma.

**The associate majors** available to Thomas More students are:

Accountancy (AA, AES)	International Studies (AA, AES)
Art (AA, AES)	Management (AES)
Art History (AA)	Mathematics (AA, AES)
Biology (AA, AES)	Music (AA, AES)
Business Administration (AA, AES)	Philosophy (AA, AES)
Chemistry (AA, AES)	Physics (AA, AES)
Communication (AA, AES)	Political Science (AA, AES)
Computer Information Systems (AA, AES)	Pre-Legal Studies (AA, AES)
Criminal Justice (AA, AES)	Psychology (AA, AES)
Economics (AA, AES)	Sociology (AA, AES)
English (AA, AES)	Spanish (AA)
French (AA)	Theatre (AA, AES)
Gerontology (AA)	Theology (AA, AES)
History (AA, AES)	Web Design (AA)
Humanities (AA)	

The bachelor and associate majors available to students who can attend *only evening classes* are:

Accountancy	Business Administration
Management (associate's degree only)	Theology (associate's degree only)

Certificate programs are available in:

Theology

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# UNDERGRADUATE ADMISSION

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Thomas More College welcomes applications from all qualified students regardless of race, religion, age, sex, national or ethnic origin, or physical handicap.

## ADMISSION PROCEDURES

**I. Students who have been out of high school for less than five years** must adhere to the following admission procedures. All students seeking admission to undergraduate degree status for any program must be graduates of an accredited high school (or have a G.E.D.) and must have a copy of their high school (or G.E.D.) transcript submitted directly to the College, as well as scores on the American College Test (ACT) or the Scholastic Aptitude Test (SAT). An exception is made for students who have never been enrolled in any college for a period of more than two years after graduation from high school who did not previously take either the ACT or SAT. They will not be required to take either test as a condition of admission. Students who have previously been enrolled in another college must also have official transcripts of their work submitted directly to the College. An application form, available from the Admissions Office, is required and must be accompanied by a \$25 application fee. Credentials accepted for admission become the property of Thomas More College.

The pre-college curriculum required for admission should include the following 17 units, but an applicant who lacks some of them *may* be admitted at the discretion of the Admissions Committee.

English	4
Mathematics (Including Algebra II)	3
Science	3
Social Studies	3
Arts Appreciation	1
Non-native Language	2
Computer literacy	1

The admission policy of the College is based on the principle that only those who show promise of success are to be admitted. This decision rests on a consideration of the student's past performance. A student may be admitted by the Director of Admissions by fulfilling the following criteria:

1. A high school average of C+ or 2.5/4.0 based on college preparatory courses; or GED scores in the top 50<sup>th</sup> percentile.
2. A minimum of **20** on the English section of the American College Test (ACT) or **480** on the verbal section of the Scholastic Aptitude Test (SAT).
3. A minimum composite score of **20** on the ACT or **980** combined score on the SAT.

Meeting minimum academic requirements does not guarantee admission to Thomas More College.

If a student does not meet each of the above requirements, his/her file may be forwarded to the Admissions Committee for individual consideration. The Committee then decides whether to reject the applicant or to accept him/her either unconditionally or conditionally with certain limitations.

Students needing remediation in English Composition or Mathematics as indicated by their test scores shall be required to obtain remediation before being permitted to enroll in required core courses in those areas. It is the responsibility of the affected department to establish the score level on the ACT or SAT that shall indicate a need for remediation.

**II. Students who have been out of high school for five or more years** must complete an application, request high school transcripts showing graduation or G.E.D. scores and transcripts from all colleges previously attended (whether credit was earned or not) be submitted directly to the College. As stated under Section I, the admission policy of the College is based on the principle that only those who show promise of success are to be admitted to degree status.

A student may be admitted by the Director of Admissions by fulfilling the following criteria:

1. A high school average of C+ or 2.5/4.0 based on college preparatory courses; or GED scores in the top 50<sup>th</sup> percentile.
2. A grade point average of 2.0 or above (0–4 quality point scale) from previous colleges.
3. Satisfactory interview with an advisor.

Meeting minimum academic requirements does not guarantee admission to Thomas More College.

If a student does not meet all the above requirements, his/her file is forwarded to the Admissions Committee for individual consideration. The Committee then decides the student's status from the following alternatives: unconditional admission, conditional admission or rejection. The committee reserves the right to limit the number of hours for which a student may register and/or restrict the student from attending accelerated classes. The student will be granted full admission upon successful completion of the conditions outlined at the time of admission.

## **READMISSION**

Students who have attended Thomas More College, but not within the previous three years, must apply for readmission. They will be subject to the appropriate admission requirements currently stated in the section on admission procedures. Students who leave for military service will be readmitted with the same status they had when last in attendance, as long as the period of absence does not exceed five years. After five years, the student must reapply. (*Cf.* also the Policy on Maintenance/Forfeiture of Degree Status under "Academic Regulations".)

## **TRANSFER STUDENTS**

Students who have been enrolled in another post-secondary institution and who seek admission to the College in any of its programs must have official transcripts submitted directly from the issuing institution to Thomas More College. Credits completed at the previous, post-secondary institution(s) that meet the criteria outlined below are considered transferable and will be posted to the student's record at Thomas More College. Grades earned will not be used in the calculation of the Thomas More College G.P.A. After submission of these transcripts, students may be admitted as transfer students under one of the following conditions:

1. Students who have earned any amount of transfer credit from a post-secondary institution prior to high school graduation must meet the applicable admissions requirements previously listed for students who have been out of high school less than five years or for students who have been out of high school for five years or more.
2. A student who has achieved a cumulative grade point average of 2.0 or higher (on 0–4 quality point scale) at the previous, post-secondary institution(s) and has completed less than 24 transferable semester credits at the post-secondary institution(s) must meet the applicable admissions requirements previously listed for students who have been out of high school less than five years or for students who have been out of high school for five years or more.
3. A student who has achieved a cumulative grade point average of 2.0 or higher (on 0-4 quality point scale) at the previous, post-secondary institution(s) and has completed at least 24 transferable semester credits at the post-secondary institution(s) will be admitted.
4. A student who has not achieved a cumulative grade point average of 2.0 or higher (on 0-4 quality point scale) at the previous, post-secondary institution(s), no matter how many credit hours were earned, may be admitted to the College at the discretion of the Admissions Committee. Thomas More College will, however, respect the academic sanctions applied by other institutions.
  - a. Students who have been placed on probation at another institution may be granted conditional admission to Thomas More. The Admissions Committee will determine the conditions to be met before the student's status may be changed to unconditional. Failure to meet those conditions would result in dismissal from the College.
  - b. A student suspended or dismissed by another institution will only be considered for admission to Thomas More College under the same criteria applied to its own students. (*Cf.* Suspension and Dismissal.) The Admissions Committee may elect to grant conditional admission to such students.

## **TRANSFER CREDIT**

Thomas More College recognizes that courses taken at other post–secondary institutions prior to a student's admission to Thomas More may qualify for transfer, but the College reserves the right to determine the acceptability of transfer credits in accord with its mission and goals. Usually, the following regulations and guidelines are employed in identifying college–level learning for transfer, but these are not all–inclusive of the considerations that must be weighed in reviewing an official transcript for the awarding of transfer credit at Thomas More College. It is the student's responsibility to request the issuance of transcripts from other institutions to Thomas More College. Only official transcripts sent directly from the issuing institutions to Thomas More will be accepted. No other copies will be used in the official determination of transferable credit.

### **I. Number of credit hours that may be accepted in transfer**

- A. Thomas More College accepts up to 90 semester-hour credits and equivalency credits in transfer and allows them to be applied to a bachelor's degree; it allows as many as 44 semester hour credits and equivalency credits which are accepted in transfer towards an associate's degree; and as many as 12 semester-hour credits and equivalency credits, which are accepted in transfer to be applied to a certificate. No more than 64 semester hours will be awarded in transfer from a two-year institution. Students must earn at least 25% of their credit hours through instruction offered by Thomas More College, exclusive of transfer credit and credit earned through the consortium program.
- B. Of the above number of credits (A), the maximum number of credits awarded for "extra-institutional learning" (as defined in Section II. C. below) which may be applied to a bachelor degree is 60, to the associate's is 30, and to the certificate is 8. (Please note that RECALL credit is limited to 32 semester hours for a baccalaureate degree and 16 semester hours for an associate's degree.)
- C. In order to earn a degree in a specific major, a student must complete at least 18 of the hours required in that major for a bachelor's degree and 9 hours for an associate's at Thomas More College.

### **II. Institutions from which credit hours may be accepted in transfer**

- A. Thomas More College accepts credit attached to courses taken at any post-secondary degree-granting institution of higher education accredited by one of the Regional Accrediting Associations, provided the completed courses carry a grade of C or better (2.0 or higher on a 0-4 quality point scale). Grades earned will not be used in the calculation of the Thomas More College G.P.A. Courses with a Pass/Satisfactory grade will ordinarily be accepted as general elective credit only. Courses not awarded credit by the student's previous institution(s) cannot be transferred. A quarter-hour taken at schools operating on the quarter calendar system will convert to .667 semester hours at Thomas More College.
- B. Courses taken at a post-secondary institution of higher education not accredited by one of the Regional Accrediting Associations will be considered on an individual basis by the appropriate Academic Department, the Registrar's Office, and the Academic Dean. Students who apply for admission from other countries are required to have their credentials evaluated by the Office of International Education Services of the American Association of College Registrars and Admissions Officers or the World Education Service. The applicant is responsible for the fees charged for this service.
- C. The award of credit for "extra-institutional learning" will be based on the recommendation of the American Council on Education (ACE), as stated in their current publications. "Extra-institutional learning" includes but is not limited to ACE, RECALL, CLEP, Dantes, Challenge Tests, and credit for work or professional training, including military training. Credit by examination cannot be awarded for a lower level course in a discipline than one for which the student has already earned credit. A student may also not earn credit by examination for a course if they have earned credit for a course with similar content. If the credit is transferred to meet a major requirement, the department may require supplemental learning to meet the Thomas More College equivalency. Courses not approved by ACE will be considered on an individual basis by the appropriate Academic Department, the Registrar's Office, and the Academic Dean.

### **III. Types of courses for which credit hours may be accepted in transfer**

- A. Credit is granted for academic work substantially equivalent to that offered at Thomas More College. Cooperative education credit will be considered after appropriate documentation is provided by the student and the appropriate academic department reviews the documentation and approves. No more than 15 hours of co-op credit will be awarded in transfer and co-op credit awarded will count towards general elective credit and not towards major requirements. Generally credits for courses of a vocational or technical nature are not acceptable in transfer. Remedial level courses will not be accepted in transfer.
- B. Transfer courses are evaluated in the Office of the Registrar for acceptance of core curriculum requirements and general elective credit. A student's major department determines whether credit applicable to departmental requirements will be accepted in transfer.
- C. The transfer of credit awarded for prior experiential learning by any post-secondary institution of higher education will be considered on an individual basis in consultation with the appropriate department(s) and consistent with RECALL guidelines.
- D. Registered nurses who successfully completed a National League of Nursing (61 Broadway, New York, New York 10006, 1-800-669-1656) accredited Hospital Diploma Program may be awarded as many as 90 semester-hour equivalency credits for past academic work.
- E. Paramedics who have successfully passed the National Exam for Paramedic Certification may be awarded as many as 40 semester-hour equivalency credits for past academic work.

- F. Students who are International Baccalaureate Diploma Recipients may receive up to one full year of college credit. I.B. certificate recipients are eligible for limited credit. I.B. recipients should request the Thomas More College guidelines for granting I.B. credit.

## NON-DEGREE STATUS

Individuals wishing to take courses for academic credit (or audit) but not currently pursuing a degree program may enter the College as non-degree students. Enrollment as a non-degree student does not imply admission to the degree granting program of the College; however, non-degree students are held to the same academic standards as degree students. Non-degree seeking students are not eligible for financial aid or club and athletic participation. Advising for non-degree students is available through the Director of Advising (for traditional students) or the Center for Adult and Professional Education (for non-traditional students).

### I. Eligibility for Non-Degree Status

Enrollment in non-degree status is open to persons who:

- A. have a high school diploma, or an equivalency certificate based on the results of the General Educational Development Tests;
- B. if enrolled at another collegiate institution or at Thomas More College at any time during the previous calendar year are eligible to return to that institution in good standing;
- C. meet the prerequisite of the course or courses;
- D. are international students whose previous educational attainments in foreign or U.S. schools are deemed to be of an acceptable level by Thomas More College; or
- E. have received an exemption from the above requirements by the Dean of the College.

### II. Change of Status from Non-Degree to Degree Student

Only students who have applied to and been admitted by the Office of Admissions may hold degree status. Non-degree Thomas More students may apply for admission to degree status through the Office of Admissions in one of the following ways:

- A. by fulfilling all the requirements for admission to the College, as stated previously;
- B. filing an application with the Office of Admissions or the Center for Adult and Professional Education after the successful completion of 24 credits with a cumulative grade point average of C or better earned at Thomas More. A non-degree student eligible for admission to degree status may apply up to 24 hours taken at Thomas More College in non-degree status, if that course work is deemed by the College to be appropriate to a degree program. Students who choose to continue in a non-degree status after the completion of 24 credit hours have no assurance that additional credit may be applied to a degree.

## INTERNATIONAL STUDENTS

Qualified international students may apply to the College for admission and must meet the applicable admissions requirements previously listed for students who have been out of high school less than five years, students who have been out of high school for five years or more, or transfer students. In addition to those requirements, they must also demonstrate the ability to read, write and understand English and must submit the results of the Test of English as a Foreign Language (TOEFL). The minimum score for undergraduate admission is **515 (187 computer-based or 66 internet-based)** or better. A score of **600 (250 computer-based or 100 internet-based)** is required for graduate admission. International students must also submit a certified translated transcript of credits from any institution previously attended and have their credentials evaluated by the Office of International Education Services of the American Association of College Registrars and Admissions Officers or the World Education Service. (The applicant is responsible for the fees charged for this service.) Counseling is available through the International Student Advisor who is authorized to issue I-20's (Certificates of Eligibility) for F-1 student visas.

## **EARLY ADMISSION/DUAL CREDIT PROGRAMS**

The Early Admission and Dual Credit Programs at Thomas More College offer qualifying high school students the opportunity to register for courses and receive college credit with their high school's approval. Early Admission students may take up to 7 credit hours per semester at Thomas More College. Dual Credit courses are offered in conjunction with area high schools. Courses are offered at a discounted rate, which does not include specific course fees if applicable. Once enrolled, students will have an official academic record at Thomas More College.

Thomas More College will enroll non-degree status students who:

1. have two units in English, two in Mathematics, two in Science, two in Social Studies;
2. have an overall grade point average of 3.5 better in the above units;
3. have submitted a high school transcript.
4. Students must maintain a 2.0 in Thomas More College courses to continue in the program.

Students not meeting the above requirements may be admitted to the program with joint approval of the Academic Dean of Thomas More College and the student's guidance counselor.

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## COLLEGE COSTS

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### TUITION AND FEES

Undergraduate Programs Tuition and Fees 2013-2014 (effective summer 2013)

**Full-Time per semester (12-18 credit hours)**

Current students prior to SM 09	\$12,650
Current students beginning SM 09	\$12,650
Current students beginning SM 10	\$13,100
Current students beginning SM 11	\$13,250
Current students beginning SM 12	\$13,250
New students beginning SM 13	\$13,250

Additional per credit hour in excess of 18 hours	\$545
Technology fee	\$300
Student activity fee	\$60

**Part-Time per semester**

Per credit hour for 1 through 11 hours	\$590
Technology fee	\$30/credit hour, Max \$300
Student activity fee (fall and spring only)	\$15

**Additional fees**

Nursing differential	\$30 per credit hour
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NOTE: Some courses have special lab and supply fees, which range from \$10 to \$200. Consult the schedule of classes in the Registrar's Office for lab and course fees. For rates applicable to accelerated programs please consult the Accelerated Program Office. (*N.B. These rates apply for the 2013-2014 academic year only.*)

There are also additional fees applicable to all students. Please consult the Bursar or Student Handbook for more information. For Room and Board charges, consult the Bursar or Student Life. Room reservations are to be made on a form supplied by the Student Life Department and returned by May 1 of the year the student intends to enroll at Thomas More College.

Since income from tuition and fees covers only a portion of the total cost of educational and institutional services, the College has to rely on other sources to meet costs - contributed services, support from the Diocese of Covington and its parishes, annual fund programs, funded scholarships, and gifts from individuals, corporations, and foundations. Thus, every Thomas More student actually receives financial assistance from many donors.

### METHOD OF PAYMENT

The total amount of tuition, fees, and residence hall charges is due prior to the start of the semester. Thomas More College accepts all major credit cards, including Discover, MasterCard, Visa, and American Express. All payments are to be paid to the Bursar and checks are to be made payable to Thomas More College.

Amounts from a prior semester must be paid in full before registration will be permitted for any subsequent semester. A \$50 late fee will be added if payment or payment arrangements are not made by the approved date. Also, the registration may be canceled and the students will have to re-register incurring a \$100 reinstatement fee. No student with an account balance will receive an official transcript of credits or a diploma. Interest is charged on any unpaid balance. Please consult the Bursar for more information.

The College has a payment plan which has been designed to relieve the pressure of large "lump sum" payments by allowing students to spread the cost over a period of months without borrowing money or paying interest charges. The plan may be used to supplement all other forms of financial aid such as grants, loans, and scholarships. Participation is on a semester basis and there is an enrollment fee. Thomas More College also offers an employer reimbursement deferred payment plan for students eligible for employer reimbursement. The student must provide a letter on company letterhead that confirms the student's eligibility for full or partial reimbursement. In addition, the student will incur a \$15 per credit hour

administrative fee. Any bills not paid by 30 days after the completion of the course will be subject to the College's policy on past due accounts. Please contact the Bursar's Office for further details on either plan.

## WITHDRAWAL AND REFUNDS

Students wishing to withdraw from a class or from the College must notify the Office of the Registrar in writing. The date of receipt of notification is the official date of withdrawal for purpose of obtaining a pro-rated refund. **THE STUDENT WILL BE BILLED AND FINANCIALLY RESPONSIBLE FOR ANY PAYMENT DUE TO THE COLLEGE RESULTING FROM THE REFUND POLICY.**

Tuition will be refunded based on the following schedule:

**Traditional semester courses that meet 16 weeks and beyond:**

Before and during the first week – 100%  
During the second week – 75%  
During the third week – 50%  
During the fourth week – 25%  
After the fourth week – 0%

**For courses that meet alternate weeks:**

On or before the sixth day after the course begins – 100%  
Between the seventh and twentieth day after the course begins – 50%  
Anytime thereafter – 0%

**For courses that meet from 4 to 15 weeks:**

Before or during the first week – 100%  
During the second week – 50%  
After second week – 0%

**For courses that meet from 1 to 3 weeks:**

On or before the second day – 100%  
On the third or fourth day – 50%  
After the fourth day – 0%

For further information please contact the Bursar's Office.

**Note:** Failure to attend class(es) does not constitute official withdrawal or eligibility for refund. Lab and course fees are not refundable after classes begin. Refunds for room and board charges are based on the tuition refund schedule. In extraordinary circumstances, such as serious illness or injury, when a student is forced to withdraw from classes after the refund period has ended, a *written* appeal may be made. Contact the Bursar's Office for specific procedures. Appropriate documentation is required with such an appeal.

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## FINANCIAL AID

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Financial aid is available to students at Thomas More College from federal, state and institutional sources. All students who feel that they need financial assistance are encouraged to apply.

### FEDERAL AND STATE PROGRAMS

Federal Pell Grant • Federal Supplemental Educational Opportunity Grant (SEOG)  
College Access Program Grant (CAP) • Kentucky Tuition Grant (KTG)  
Federal TEACH Grant • Federal Perkins Loan • Nursing Student Loan  
Federal Direct Stafford Student Loan  
Federal Direct Parent Loan for Undergraduate Students (PLUS)

### COLLEGE WORK PROGRAMS

College Work Study Program (Federal)

### THOMAS MORE COLLEGE SCHOLARSHIP AND GRANT PROGRAMS

Academic scholarships are awarded to entering students on the basis of high school grade point average, ACT/SAT score. Scholarships are automatically renewed for up to four years if the student maintains the gpa required for their scholarship. To be considered for scholarship, the student must complete the admission application to be accepted to Thomas More College. The financial aid/scholarship process is outlined in detail in the Scholarship and Financial Aid Brochure. A variety of other scholarships are available based on such factors as academic achievement, major, geographic location and financial need. A complete listing of specific scholarships is available on the Financial Aid website.

### SCHOLARSHIPS

James Graham Brown Honors Scholarship • Chancellor Scholarship •  
Presidential Scholarship • Dean's Scholarship • TMC Scholarship

#### **OTHER FINANCIAL ASSISTANCE**

National Merit Scholarship • Governor's Scholarship • Out of State Award • Leadership Award  
Legacy Tuition Grant • Sibling Award

#### **THOMAS MORE TRUST FINANCIAL AID INITIATIVE**

Parochial Promise • Thomas More Access Grant • Room Grant Program

### **FINANCIAL AID**

#### **STANDARDS OF ACADEMIC PROGRESS (SAP)**

In order to qualify for financial assistance from the federal and state governments as set forth by *The Higher Education Act of 1965*, Thomas More College has developed standards of satisfactory academic progress prior to awarding any federal financial aid funds to students. These standards were established to encourage students to successfully complete courses for which federal financial aid is received and to progress satisfactorily toward degree completion. Successful completion of a course is defined as receiving one of the following grades: A, B, C, D or P.

The standards apply to the following financial aid programs: Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Work Study, Federal Perkins Loan, Federal Direct Stafford Loans, Federal Direct Parent Loan for Undergraduate Students (PLUS), and Nursing Student Loans. These requirements also apply to the KHEAA grant programs, College Access Program (CAP) and Kentucky Tuition Grant (KTG).

**Note:** These Financial Aid Standards of Academic Progress are separate from, and in addition to, academic standards required by the College for continued enrollment.

*This SAP policy is effective July 1, 2011 and supersedes all other Thomas More College SAP policies published on the web and/or in prior catalogs.*

The criteria used to determine financial aid academic progress are GPA, course completion rate and maximum time frame for completion of degree requirements. At the end of each year the Financial Aid Office reviews students' progress during the previous semester(s). All periods of enrollment are reviewed, including semesters during which no financial aid was received.

#### **I. Qualitative Requirement – Grade Point Average**

Undergraduate students must maintain a minimum cumulative GPA of at least 2.00. Graduate students must maintain a minimum cumulative GPA of at least 3.00.

#### **II. Quantitative Requirement – Completion Rate**

Undergraduate and graduate students must successfully complete a minimum of **70%** of the credit hours attempted each academic year (attempted hours are hours for which a charge was incurred). The academic year for financial aid purposes begins with the fall semester and ends with the summer semester.

#### **Repeated Coursework**

Repeated coursework for which a student previously received a passing grade will only be counted once toward financial aid eligibility. Repeated coursework for which a student failed the course may be counted for financial aid eligibility until the course is passed.

#### **Withdrawal**

Withdrawals count as credit hours attempted toward both completion rate and maximum time frame.

#### **Incomplete Grades**

At the time of evaluation (the end of each period of enrollment), Incomplete grades do not effect a student's cumulative GPA for SAP but count as credit hours attempted toward both completion rate and maximum time frame. Students with grades of Incomplete which become new letter grades prior to or during a subsequent period of enrollment and that may effect financial aid eligibility for that period of enrollment can contact Financial Aid for further evaluation.

### **III. Maximum Time Frame for Completion of Degree Requirements**

Students must complete their first degree program within 150% of the published length of their degree program. Most programs at Thomas More College are four years in length and/or 128 credit hours. Undergraduate students may receive financial aid for a period not to exceed the equivalent of 12 semesters of full-time enrollment (12 credit hours) or 192 attempted credit hours. Graduate students may receive financial aid for a period not to exceed the equivalent of 6 semesters of full-time enrollment.

### **IV. No Passing Grades**

Students who begin attendance and have not officially withdrawn and fail to earn a passing grade in at least once course offered over the entire semester will be treated as an unofficial withdrawal. These students may be required to return a portion of their Title IV financial aid. Unofficially withdrawn students will have received a grade of 'Y'.

### **V. Evaluation**

All enrolled students are evaluated for SAP at the end of each semester after official grades have been posted. Students who do not meet the satisfactory academic policy standards will receive a letter from the Financial Aid Office indicating the status of their financial aid awards as listed below:

- Warning – Failure to make SAP but student is financial aid eligible for one more period of enrollment and must make SAP by the end of that period of enrollment or financial aid eligibility will be suspended. Students do not have to appeal.
- Suspend – Failure to make SAP after a warning period but student is eligible to appeal. If the appeal is approved, the student can continue financial aid eligibility for another period of enrollment under a probation status.
- Probation – Failure to make SAP but has appealed and appeal has been approved. The student is eligible to receive financial aid for one more period of enrollment. The student may be required to follow an academic plan.
- Ineligible – Failure to make SAP and/or failure to follow required academic plan. This status also applies to appeals that are not approved. The student is not eligible for financial aid until cumulative SAP standards are met. This status may not be appealed.

### **VI. Appeal Procedures**

All students who have their financial aid eligibility suspended may appeal to the Financial Aid Committee to receive financial aid in a subsequent period of enrollment. Appeals must be completed and turned in to the Financial Aid Office within the following time frames: June 15<sup>th</sup> for fall semester, Monday before classes begin for the spring semester, June 1 for summer.

Appeals must be in a written format and include the following:

- Printed student name, ID, daytime phone number, and signature
- Information describing why SAP minimum standards have not been met and how the situation has changed so that SAP will be met at next evaluation
- Detail of any mitigating circumstances, including supporting documentation from a third party (e.g., policy reports, detailed hospital bill or physician's statement, death certificate, etc.)
- Enrollment plans for the next period of enrollment (e.g., number of credit hours, change in major, academic improvement plan details, any other academic-related documentation, etc.)

Students are notified of their SAP appeal decision through their Thomas More e-mail account. The Financial Aid Committee decisions are final. Students whose appeals are not approved may reestablish financial aid eligibility only by meeting the SAP cumulative standards.

Academic Plans-All students who appeal successfully and are subsequently placed on probation will create an academic plan based on the student's individual situation and content of appeal on a case-by-case basis. The requirements of these more rigorous plans will be made in writing and signed by the student prior to a subsequent financial aid disbursement and the academic plans will be monitored by the Financial Aid Office or designee.

### **VII. Academic Suspension**

Any student suspended from the College will be ineligible for further financial aid. If the Vice President for Academic Affairs grants reinstatement, the student may appeal for reinstatement of financial aid eligibility to the Director of Financial Aid in accordance with the Financial Aid Appeal Procedure outlined in this policy.

## **VII. Scholarship Retention Requirements**

To retain title to a Thomas More College scholarship, by the end of each semester, a student must meet the required GPA for the following scholarships:

- Maintain a cumulative GPA of 3.6 for full tuition scholarships, including James Brown Honors and Chancellor's Scholarship
- Maintain a cumulative GPA of 3.5 for Presidential Scholarship
- Maintain a cumulative GPA of 3.0 for the Dean's Scholarship and Dean's Transfer Scholarship
- Maintain a cumulative GPA of 2.5 for the following: TMC Scholarship, Transfer Award, Parochial Promise, Public Pledge, Departmental Award
- Maintain a cumulative GPA of 2.0 for the following: Sibling Award, Legacy Tuition Grant, Diversity Award, Leadership Award, Out of State Award

Scholarships may be maintained for a total of 128 credit hours earned; special exemption may be given to students due to program requirements.

Students are allowed one financial aid probationary semester before their scholarship is revoked. Failure to comply with the above requirements will result in forfeiture of the scholarship for the next semester(s). Students may appeal their scholarship forfeiture per the Appeal Procedures.

## **LEAVE OF ABSENCE POLICY**

A Leave of Absence (LOA) must meet conditions to be counted as a temporary interruption in a student's education. The LOA will change to a withdrawal should a student not return from the leave and the Office of Financial Aid will conduct a refund calculation to determine if any unearned funds need to be returned. A leave of absence refers to the specific time period during an ongoing program when a student is not in academic attendance. It does not include non-attendance for a scheduled break in a student's program. The student who has an approved leave of absence is considered to remain in an in-school status. A leave of absence is an approved leave if it meets the following requirements:

1. The student must apply in advance for the LOA, except for extenuating circumstances approved by the Office of Financial Aid;
2. The LOA must be in writing specifying the reason for the LOA;
3. A student will not be granted more than two leave of absences in a 12-month period;
4. The 12-month period would begin on the first day of the student's leave of absence;
5. The school determines that there is a reasonable expectation that the student will return to the school;
6. The leave of absence does not involve additional charges by the school;
7. The leave of absence or any additional leaves of absence may not exceed 180 days in any 12-month period.

If the student is a Title IV loan recipient, the student understands prior to the leave of absence that failure to return from a leave of absence may affect their student aid, loan repayment terms, including the exhaustion of the student's grace period.

A completed leave request form must be submitted to the Financial Aid Office. If approved, the student must return on the requested re-entry date. If a student fails to return from a leave of absence they will be immediately withdrawn from Thomas More College and a Federal Refund Calculation will be performed that may reflect a balance due to the College. The student loan lender will be advised of the student's withdrawal, which will affect the grace period for the loan program.

## **FINANCIAL AID WITHDRAWAL/REFUND POLICY**

Students who choose to withdraw from the College prior to the end of an enrollment period (semester) should follow the College's guidelines for withdrawing from school. An Official Withdrawal Form must be completed and submitted to the proper office before a student can be considered officially withdrawn. Student wishing to officially withdraw should contact the Registrar's office.

### **I. STATE AND INSTITUTIONAL FUNDS REFUND POLICY:**

State and Institutional funds will be adjusted whenever a student drops credit hours or withdraws completely during the semester. Those funds must be refunded to either the State (per regulations) or to Thomas More College. The State and Institutional funds will be refunded based upon Thomas More College's tuition refund schedule.

## **II. FEDERAL TITLE IV FUNDS WITHDRAWAL REFUND POLICY:**

Federal student aid recipients who begin attending classes during a semester and who cease attending or performing academic activities prior to the end of the semester, and never complete an Official Withdrawal Form are considered by the federal government to have Unofficially Withdrawn. If College records indicate that a student did begin attending classes but subsequently unofficially withdrew, the College will consider the Unofficial Withdrawal date to be the midpoint of the semester (unless documentation exists of an earlier or later date of attendance/academic activity by the student). If no attendance or academic activity can be documented, the Unofficial Withdrawal student must repay the entire amount of aid disbursed for that semester or term.

When a federal student aid recipient withdraws, officially or unofficially, after attending at least the first class day, the College will return, and the student aid recipient will be required to repay, a prorated portion of funds received based upon a federally required calculation (see Return of Title IV Funds section below).

If College records show a federal student aid recipient never attended a class and/or never performed an academically related activity for a semester or term, then the recipient never established eligibility for any aid funds that may have been disbursed for that semester or term. In addition, any student aid recipient who drops all classes or voids his/her schedule with an effective date prior to the first day of class for a semester or term did not establish eligibility for any aid funds that may have been disbursed for that semester or term. In either case, the student aid recipient must repay the entire amount of aid disbursed for that semester or term.

If a student withdraws with an effective date of first class day, he/she must repay the entire amount of aid disbursed for that semester or term, unless documentation of attendance and/or an academic activity of that first day can be provided by an academic official.

If a student did not receive any federal student aid but did receive other types of aid funds, and subsequently officially withdraws, refunds and repayments will be based upon the College's refund schedule which can be found in the College catalog.

### **Return of Title IV (Federal) Funds When a Student Withdraws:**

Under the Higher Education Amendments of 1998, the amount of aid a student has earned for the enrollment period, is based on the length of time the student remains enrolled for that period. Therefore, the percentage of the enrollment period completed is also the percentage of aid the student has earned.

- If a student withdraws on or before the 60% point of the enrollment period, the percentage of aid earned is equal to the percentage of time completed. (Conversely, the percentage of aid unearned, is equal to the percentage of time not completed, up to the 60% point.)
- A student who remains enrolled beyond the 60% point of the enrollment period, has earned 100% of the aid for that period. (There would be no unearned aid.)

### **Repayment of the Unearned Amount is Calculated as Follows:**

School will return:

- the lesser of the amount of unearned Title IV aid or unearned Institutional Charges

Student will return:

- the unearned amount of Title IV Grants
- the student's and parent's earned portion of federal loan proceeds will not be returned, but is to be repaid to the loan holders according to the terms of the borrower's promissory note.

The college will return the unearned fund and the student's account will be charged back the amount of the returns.

The Unearned Amount of Title IV aid must be returned to the applicable Title IV aid programs in the following order: Unsubsidized Stafford Loan, Subsidized Stafford Loan, Perkins Loan, Plus Loan(Graduate Student), Plus Loan(Parent), Pell Grant, ACG Grant, National SMART Grant, SEOG Grant, TEACH Grant, Other Title IV aid.

Non-federal aid funds will be returned based on Institutional Refund Policy and returned in the following fund order: Institutional, State, External funds.

Examples of Return of Funds calculations are available in the Department of Financial Aid and Scholarships.

Note: The information contained in this section is subject to change, without notice, in order to comply with federal, state, or College requirements.

**III. MEDICAL WITHDRAWALS:**

All medical withdrawals **REQUIRE** documentation from the student's physician indicating the medical condition and the condition must be the student's. All information will be submitted to the Academic Dean, subject to approval from the Chief Financial Officer. All requests are handled on a case by case basis.

The student will be billed and financially responsible for any and all payment(s) due to the College resulting from the above policy.

**ADDITIONAL POLICIES AND PROCEDURES**

Additional policies and procedures may apply to certain institutional, federal and state awards. These are listed on the financial aid website.

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## STUDENT LIFE

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Thomas More College is dedicated to an integrated learning environment which involves both classroom and co-curricular involvement. The Student Life Office provides experiences, services, and programs which complement academic pursuits and facilitates student involvement in the total breadth of the Thomas More community. Student Life strives to create an environment which fosters the development of the whole person. Programs and services are designed to encourage and support intellectual, occupational, physical, psychological, social and spiritual growth. Student Life complements the academic mission of the College and in this context seeks to develop students as productive and responsible members of the College community and the wider community to which we belong.

Thomas More encourages students to explore the disciplines and participate in life experiences which contribute to the learning process. It is assumed that the development of values and decision-making skills occur within the context of standards established by the College community for the benefit of the common good. The declaration of expectations used to guide life in an academic community is found in the *Student Handbook* under "The Student and the Academic Community" and the "Student Code of Conduct". The handbook also includes a statement on student rights within the College.

For a more detailed description of Student Life policies and services, please consult the *Student Handbook* available in the Student Life Office. Students are responsible for information contained in the *Student Handbook*. Only selected services and regulations are highlighted here.

Thomas More College permits the use of alcoholic beverages on campus only when it is in compliance with state law (KRS 244.085), local ordinances and College regulations. The possession, use, or sale of illegal narcotics and drugs is strictly prohibited on campus. The Thomas More College Alcohol Policy can be found in the Student Handbook.

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## CAMPUS HEALTH CENTER

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The Campus Health Center (859-344-3529) is free to all students. The health center is located in the lower level of the Student Center. A registered nurse coordinates health programming and routine health needs. Referrals are made to local physicians and hospitals if needed.

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## COUNSELING CENTER

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Counseling services are provided by professional licensed counselors and are available to all Thomas More College students at no cost. Counselors can assist students in dealing with personal issues such as anxiety, depression, loneliness, family or roommate conflict, sexuality, grief or eating disorders. Counselors can also help students who struggle academically due to time management issues, stress management issues, and poor study skills. Prevention and education are also a part of the counseling services provided. The Counseling Center is located in the lower level of the Student Center. All counseling sessions are confidential. To see a counselor, please call 859-344-3445.

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## CAREER PLANNING CENTER

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The Career Planning Center provides services that guide and teach students the process of career development, thus enabling effective career decision-making and workforce readiness. The following services are available to all students and alumni free of charge:

- Individual career counseling and assessment
- Sessions on job search strategies, resumé writing, and interviewing techniques
- Career Resource Room - houses information on career opportunities, employers, graduate schools and graduate admissions test materials, career planning and job hunting
- Annual job fair - local company representatives visit campus to recruit students for full-time, co-op, internship, part-time and summer positions
- Online job board with employment opportunities including full and part-time positions, internships, and co-ops
- Administration of the Cooperative Education (Co-op) Program

The Career Planning Center is located in the lower level of the Student Center. For information regarding Career Planning Services, please contact the Coordinator of Career Planning and Cooperative Education at 859-344-3386.

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## ACADEMIC SUPPORT SERVICES

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The purpose of the Academic Support Services Office is to provide assistance to students in their pursuit of academic success. The office has two functions:

- 1.) Assist students with disabilities and
- 2.) Provide tutorial services in all academic areas as needed by students.

### **Disability Services:**

Students with disabilities, both visible and invisible, seeking special accommodations must do so through the Academic Support Services Office. Section 504 of The Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 requires Thomas More College to provide reasonable accommodations that afford an equal opportunity for students with disabilities. However, TMC is not required to provide accommodations that would place an undue hardship on the College, lower the standards of the academic program, or fundamentally alter the academic program. For accommodations to be awarded, the student must provide appropriate documentation of the disability.

### **Tutoring Services:**

Thomas More College offers students free tutorial assistance in all academic areas. This service is intended to assist students with classes and not to substitute for the instructor nor are the tutors to do the work of the student. As a part of TMC's tutorial services, there are writing and math centers dedicated to assisting students in those academic areas and a general Academic Tutoring Center for assisting student in the other academic areas. The Writing Center is located in room 2209 of the UL Library Bldg. (phone 344-3382). The Math Center is in room S215 of the Science Wing - hours are posted on door. The Academic Tutoring Center is located in the Administration building, Mezzanine level, room 3326 (phone 859 344-3521) - hours are posted on the door.

For information regarding Academic Support Services, please contact the Assistant Director of Academic Support Services at 859-344-3521.

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## HOUSING AND RESIDENCE LIFE

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Thomas More College strives to create a living-learning community in our on-campus Residence Hall facilities which fosters the overall development and growth of each student. The Residence Life Department supports this goal by creating an inclusive environment that will develop student's academic success and personal growth by constantly providing learning opportunities and promoting a sense of social responsibility. Living on-campus can make a positive impact on the college experience because it provides the opportunity to interact with peers, faculty, and staff, and enhances the educational experience.

Only students that are full-time may live in the Residence Halls, however part-time students may live in the residence halls only under special circumstances and with permission of the Dean of Students. Any student needing disability accommodations for housing should contact the Residence Life Office.

The Residence Life Department is administered by the Coordinator of Residence Life, and includes professional live-in staff and upper-class student staff called Residence Assistants (RA) and the Community Assistants (CAs). The staff is trained to provide residents with the support and challenges that are necessary for a meaningful living-learning experience.

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## CAMPUS ORGANIZATIONS AND STUDENT ACTIVITIES

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Student activities and campus organizations provide opportunities for students to develop a variety of skills including leadership, communication and time management. More than 30 campus organizations sponsor numerous activities of a social, intellectual and recreational nature.

The Office of Student Activities serves as a center for student organizations, members, officers and participants. Assistance is provided in leadership training, programming and staff development. The Office is located in the Student Center.

## LEGISLATIVE AND PROGRAMMING ORGANIZATIONS

*Student Government Association (SGA)* - serves as the official representative organization of the student body and acts as the liaison between student and the faculty, administration, and Board of Trustees; allocates the student activity fee budget; protects the rights of the individual; and promotes the general welfare of the student body of Thomas More College.

*Student Activities Board (SAB)* - is responsible for planning cultural, social and educational programs for the campus community. The Student Activities Board is composed of four officers and twelve student representatives.

*Resident Student Association (RSA)* - represents the resident student population; offers programming and social events; and promotes the general welfare of the resident students.

## PUBLICATIONS

*Words* - the literary art magazine featuring original drawings, photographs, poetry and prose submitted by Thomas More students.

*Triskele* - the Thomas More College annual Yearbook illustrates the many activities, events, and organizations the College has to offer.

## STUDENT CLUBS

Accounting Society-any student taking an accounting course may join. The purpose of the club is to broaden and deepen student's understanding of the accounting profession through technical sessions and social affairs.

African-American Student Association-formed to provide a "common voice" for African-American students and to foster an atmosphere of mutual understanding and friendship in our community. Membership is open to all students at Thomas More College and all are encouraged to join. Weekly meetings will be announced.

Biology Club-purpose is to initiate interest and to further student participation in the biological sciences. Membership is open to all students. Beta Beta Beta is the Biology Honor Society. Membership is open to qualified students.

Business Society- acquaints business students with the actual business world, involving themselves in such activities as Junior Achievement.

Chemistry Club-purpose is to promote interest and participation in chemistry on the professional level.

College Democrats-mission of the College Democrats is to advocate the philosophies of the Democratic Party while increasing awareness on a local and statewide level. Furthermore, we declare the intention to support and encourage the participation of college students in democratic activism and facilitate participation in the political process.

College Libertarians-purpose is to educate students about the Libertarian Party and while increasing awareness on a local and statewide level.

College Republicans-purpose is to promote the Republican Party's message, cultivate Republican ideas on campus, and provide opportunities for members to get involved in politics.

Education Club-club for Education majors that works with Kappa Delta Pi. Kappa Delta Pi is the International Honor Society in Education.

French Club-celebrates the French language, culture and history.

Glee Club-shares the appreciation of the fine arts through song and dance. It also provides an alternative musical opportunity for the students.

International Student Society-helps to foster camaraderie among students of various national origins. Special programs are organized by students to encourage understanding and enhance educational opportunities.

History Club-open to all interested students, works with Phi Alpha Theta (History Honorary) to sponsor programs related to history. Phi Alpha Theta is the international honor society in History. Membership in Thomas More's Lambda Sigma Chapter is open to academically qualified students.

Math/Physics Club-objective is to further stimulate interest in mathematics by acquainting its members with advantages of mathematical knowledge. The purpose of the club is to inform interested students of the advances in the science of physics, its role in today's world and to promote an awareness of professional opportunities in physics.

More Ministry-purpose is to further interest in Christian fellowship, promote service projects, peer leadership, and foster spiritual development among students at Thomas More College. The club's goal is to build community and to be inclusive by having representation from various student groups.

Outdoor Adventure Club-an organization devoted to having fun and exciting programs, outings and social events that highlight nature and recreational activities.

Phi Alpha Delta/Pre Law-this fraternity is the Thomas More College chapter of a national organization sponsoring programs related to legal careers. This Campus group works with Phi Alpha Delta to sponsor activities, such as a mock trial team, for pre-law students.

Philosophy Club-goal is to promote interest in the area of philosophy among students. The club offers programs to help gain interest in the area and exchange ideas.

Political Sciences Club-an organization that provides opportunities for students to explore the political world. The PoliSci club also provides an excellent arena for free political discussion and thought.

Psychology Club-goal is to promote interest in the field of psychology among students concentrating in this area. Psi Chi Honorary, an honor society, purpose is to encourage, stimulate and maintain excellence in scholarship of the individuals involved in the advancement of the science of psychology.

Saints Club-organize events and rallies to support Saints athletics and raise school spirit.

Sigma Tau Delta/English-honor society of academically qualified English students.

Social Issues Commune/JAG-works to expose and address issues affecting social conditions.

Spanish Club-purpose is to provide an entertaining and educational opportunity for all to enjoy practicing speaking the Spanish language. It also provides an opportunity where all can celebrate the Spanish language and the Spanish and Hispanic cultures.

Student Nurses Association-open to all students at Thomas More College, this group encourages student involvement on campus and in various nursing-related events and lectures.

### **STUDENT ORGANIZATIONS**

The Alliance-group committed to addressing issues of intolerance and apathy toward marginalized and disenfranchised persons in an atmosphere of respect and support. The group is particularly concerned to build a community where people can openly and honestly reflect on matters of sexual or gender orientation, but it also is concerned about the difficulties and obstacles endured by persons whose differences lead others to treat them with disrespect or disdain. In this spirit the Alliance promotes better understanding through educational efforts, dialogue, and fellowship in the context of the Christian mission of the College.

Active Minds-to increase students' awareness of mental health issues, provide information and resources regarding mental health and mental illness, and encourage students to seek help by serving as a liaison between students and the mental health community.

Alpha Delta Gamma (ADΓ)-Thomas More College's only fraternity on campus. Alpha Delta Gamma is a Catholic Fraternity based on 5 principle values: Spiritual, Scholastic, Service, School Spirit, and Social.

Delta Epsilon Sigma-an academic honor society open to students from any major who meet the minimum GPA standards.

National Residence Hall Honorary-honorary group which inducts residents every year to vote on "Of The Month" awards for the Residence Life System.

Resident Student Association-works with the Director of Residence Life to share the responsibility of promoting the development and general welfare of the resident students. These are elected positions and represent the interests of the resident student.

Servicemen to Saints-For Veterans who are continuing their education at Thomas More College to come together for the betterment of our community and ourselves. To serve our community as we served our nation.

Student Admissions Association-working in conjunction with the Admissions Office, this organization gives Thomas More College tours and helps out during the Open Houses and More Days.

Student-Athlete Advisory Committee-serves as the voice for the student-athlete when it comes to NCAA proposals and legislation. They also are a liaison between the student-athlete and faculty on campus.

Theta Phi Alpha (ΘΦΑ)-Theta Phi Alpha is a national sorority on Thomas More College's Campus. The goal is to create bonds of friendship and loyalty within the group and the community through philanthropy, scholarship, and social activities.

Thomas More Cheerleaders-support the athletic teams, student activities and events of the College and to promote excitement and support of Thomas More College.

Villa Players-The Villa Players take primary responsibility for the dramatic productions of the College. Their goal is to stimulate interest in the Fine Arts among the student body and the community.

Women United-in place to support TMC women in the areas of advocacy, education, information, and referrals in order to enhance the quality of their educational experience, professional life, and personal growth.

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### **ATHLETICS**

Thomas More College is a member of the Presidents' Athletic Conference. Sports at Thomas More include intercollegiate athletics, intramural competition and recreation. Whatever level of involvement, the College feels strongly that physical development and athletic competition are important components in the overall development of the individual.

### **INTERCOLLEGIATE TEAMS**

The College holds membership in the National Collegiate Athletic Association (NCAA) Division III, and competes with some of the premier athletic programs in the country. The men's program includes: baseball, basketball, football, golf, soccer, tennis, cross country, and track and field. The women's program includes: basketball, golf, soccer, softball, tennis, volleyball, cross country, and track and field. The athletic program supports the concept of the student-athlete, placing priority on the student's academic progress. Academic progress is monitored for all athletes.

### **INTRAMURALS/RECREATION**

Team play is organized in basketball, flag football, softball, volleyball, and walleyball, while individual competition is available in many sports. The Five Seasons Country Club, which students use on a fee-waived basis, the Connor Convocation/Athletic Center, and baseball, soccer and football fields serves the campus. Five Seasons includes 16 tennis courts (8 indoor), 4 racquetball courts, weight and exercise room, swimming pool, running track, sauna and steam rooms, hot tub and two restaurants. These facilities provide numerous opportunities for informal, individualized recreation.

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### **CAMPUS BOOKSTORE**

Thomas More College Bookstore, operated as a service of Barnes & Noble College Booksellers, Inc., is located in the Student Center. Students may purchase all textbooks required for class, as well as supplies, other helpful materials and apparel. While the Bookstore offers new textbooks, it also provides rental textbooks, used textbooks, and digital textbooks. Please contact the Book Store at 859-344-3335 or by visiting <http://www.yourschoolyourbookstore.com> for store hours and additional information.

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### **PARKING**

Students may have motor vehicles on campus that are registered with the Campus Safety Office. Parking is available in designated areas at no charge. All vehicles must display a current parking hang tag. Parking regulations are available through the Safety Office.

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### **THE THOMAS MORE COLLEGE LIBRARY**

Completely renovated in 2005, the library is at the center of academic life at Thomas More College. Its mission is to further the educational goals of the College, primarily by collecting and providing access to print and electronic resources that support the curriculum.

The Library holds approximately 140,000 volumes of books, periodicals, and AV materials, as well as U.S. government documents acquired through the Federal Depository Library Program. A special collections room on the upper level includes numerous works by and about the College's patron and namesake, St. Thomas More, and there is a Teacher Resource Room on the lower level, containing a wide range of curriculum materials and instructional aids. The library subscribes to more than 450 current magazines and journals in print, but these holdings are supplemented by thousands of full-text periodicals in online databases that are accessible both on and off-campus.

Thomas More College is a member of the Kentucky Virtual Library (KYVL), the Federation of Kentucky Academic Libraries (FoKAL) and the SouthWest Ohio and Neighboring Libraries (SWON) consortium. As a result, TMC students and faculty have borrowing privileges at colleges and universities across the Commonwealth, as well as at various types of libraries throughout Southwestern Ohio and Northern Kentucky. In addition, they can request books and articles from institutions all over the country via interlibrary loan.

The Library is open 77 hours a week during the regular academic year, with extended hours during final exams. Reference service is available during most of the Library's hours of operation, and the Library staff will give bibliographic instruction to groups or individuals upon request. There are ample computer facilities on the premises, including a computer lab on the entry level. In addition, laptop computers, computer carts, and various types of AV equipment can be reserved and checked out through the circulation desk. While the Library renders essential AV services, including ordering videos for classroom use, some media center functions are handled by other offices on campus. Office Services, for example, is in charge of laminating.

Communication and Theatre Department faculty offices and several classrooms are located in the Library, as are the College Archives and the Eva G. Farris Art Gallery.

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## ACADEMIC REGULATIONS

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To assure the quality of its offerings as well as equitable treatment of its students, Thomas More College has developed a number of academic regulations. All students are held responsible for knowing and adhering to the regulations. A request for an exemption to an academic regulation must be submitted to the Vice President for Academic Affairs.

### 2013-2014 ACADEMIC CALENDAR

The Academic Calendar is intended for informational purposes only. While this calendar presents policies as accurately as possible at the time of publication, the College reserves the right to revise any section or part of the calendar without notice or obligation. For a more detailed calendar or for more information, please obtain a copy from the Registrar's Office or view online.

Courses in the Thomas More Accelerated Programs (TAP) do not follow this academic calendar. Please consult individual cohort calendars for course information.

\*Please Note: Accelerated and alternate format classes are on an alternate calendar schedule for refund calculations, meeting dates, and grading policies. Please check with Registration Services and the Bursar for the alternate date information regarding your specific course.

#### SUMMER SESSION - 2013

May 6	Monday	Summer intersession courses begin*
May 27	Monday	Memorial Day- <i>All college holiday (classes will meet Friday, May 31)</i>
July 4	Thursday	<i>All college holiday (classes will meet Friday, July 5)</i>
July 15	Monday	Graduation applications for Fall 2013 due in the Registrar's Office
Aug. 2	Friday	Summer sessions end
Aug. 5	Monday	Final grades due electronically
Aug. 8	Thursday	Summer 2013 graduation

#### FALL SESSION - 2013

Aug. 17	Saturday	Weekend classes begin
Aug. 18	Sunday	Opening convocation
Aug. 18-19	Sun-Mon	Freshman orientation
Aug. 20	Tuesday	Mandatory core assessment testing for freshmen and graduation candidates
Aug. 21	Wednesday	Classes begin
Aug. 27	Tuesday	Last date to withdraw from class without record*
Sept. 2	Monday	Labor Day- <i>All College Holiday</i>
Sept. 3	Tuesday	Last date to add a class*
Sept. 24	Tuesday	Last date to change grading system*
Oct. 10-12	Thurs-Sat	Mid-term break - <i>No classes Oct. 10-12 for semester length classes, all college holiday Oct. 11</i>
Oct. 14	Monday	Mid-term grades for freshmen due electronically
Oct. 15-18	Tues-Fri	Mid-term grades access/freshmen advising sessions
Oct. 21-25	Mon-Fri	Spring priority registration/degree audit advising week
Oct. 22	Tuesday	Last date to withdraw with a passing grade*
Oct. 28-Nov. 1	Mon-Fri	Spring 2014 registration
Nov. 15	Friday	Graduation applications for Spring 2014 due in the Registrar's Office
Nov. 27-30	Wed-Sat	Thanksgiving holiday- <i>All college holiday</i>
Dec. 5	Thursday	Last day of classes
Dec. 7	Saturday	Final exams for Saturday classes
Dec. 9-12	Mon-Thurs	Final exams for weekday and evening classes
Dec. 12	Thursday	Fall semester ends
Dec. 16	Monday	Final grades due electronically
Dec. 19	Thursday	Fall 2013 Graduation

#### SPRING SESSION - 2014

Jan. 11	Saturday	Weekend classes begin
Jan. 13	Monday	Classes begin
Jan. 15	Wednesday	Graduation applications for Summer 2014 due in the Registrar's Office

Jan. 17	Friday	Last date to withdraw from class without record*
Jan. 20	Monday	Martin Luther King, Jr. Day – <i>All college holiday</i>
Jan. 21	Tuesday	Mandatory core assessment testing for graduating seniors – <i>No day classes</i>
Jan. 24	Friday	Last date to add a class*
Feb. 10-11	Mon – Tues	Summer 2014 registration
Feb. 14	Friday	Last date to change grading system*
Mar. 10-15	Mon-Sat	Mid- semester/spring break – <i>No classes for traditional semester courses</i>
Mar. 17	Monday	Mid-term grades for freshmen due electronically
Mar. 18-21	Tue-Fri	Mid-term grades access/freshmen advising sessions
Mar. 21	Friday	Last date to withdraw with a passing grade*
Mar. 24-28	Mon - Fri	Fall priority registration/degree audit advising week
Mar. 31-Apr. 4	Mon - Fri	Fall 2014 priority registration
Apr. 17 - 21	Thurs-Mon	Easter recess – <i>No classes for traditional semester courses beginning Thurs at 5:00 p.m. and ending Monday at 4:00 p.m. All college holiday Friday.</i>
May 2	Friday	Last day of classes
May 3	Saturday	Final exams for Saturday classes
May 2 – 8	Mon-Thurs	Final exams for weekday and evening classes
May 8	Thurs	Spring semester ends
May 12	Monday	Final grades due electronically
May 17	Saturday	Baccalaureate Mass, Commencement, and Spring 2014 Graduation

## REGISTRATION

Students are required to register for courses before each academic term.

Students may drop and/or add courses through the first week of classes without incurring a fee. Changing sections of courses, changing grading system for courses, and changing from credit to audit are all treated as "drop/adds." The student's advisor must approve all registration and drop/add forms before processing. The Financial Aid Office must be consulted when dropping a course if the student is receiving any kind of aid. If a course is dropped, the tuition may be refunded at the rate described under withdrawals and refunds.

Thomas More College reserves the right to refuse a student's registration or to withdraw a student from class for cause.

## GRADE REPORTS

Official grade reports are available online throughout the semester. Students can order a grade report using a form located in the Registrar's Office.

## TRANSCRIPTS

To obtain a transcript of credit, students must submit written requests to the Registrar's Office. Transcripts will not be released if a balance is owed. There is a \$5 fee for each transcript.

Transcripts and other documents received from other institutions are the property of Thomas More College and under the control of the Registrar's Office. Under the Family Educational Rights and Privacy Act of 1974, as amended (FERPA), all students have the right to view documents in their files, but the College is not required to provide copies nor allow students to make copies.

## CLASSIFICATION

Student classification is determined by the number of credit hours earned by the student prior to the opening of each new semester, as follows:

Freshman	0-29 credit hours
Sophomore	30-59 credit hours
Junior	60-89 credit hours
Senior	90 or more credit hours

## RESIDENCY

To help ensure the achievement of its objectives, Thomas More College normally requires that a matriculated student complete his/her study at the College; however, a full-time student at Thomas More College may register through the College for courses at any college or university in the Greater Cincinnati Consortium of

Colleges and Universities. In addition, a student may be given permission to take up to 18 credit hours at other institutions at the discretion of the Vice President for Academic Affairs. In all situations involving study at another institution, the student must provide, in advance and in writing, academic justification for his/her request and obtain permission from the Vice President for Academic Affairs after obtaining the signature of the Chairperson of the department of the course in question. Courses taken in violation of this policy will not be accepted in transfer.

Thomas More College maintains a residency policy which requires that a minimum of 38 credit hours for the bachelor's degree be taken at Thomas More College or through the Consortium. The final 30 hours for a bachelor's degree must be taken at Thomas More or through the Consortium. The final 30 hour requirement is waived for certain pre-professional programs such as Engineering and Medical Laboratory Science, but students in these programs must still complete 38 credit hours at Thomas More College or through the Consortium. For the associate's degree, the final 20 credit hours must be taken at Thomas More or through the Consortium. All students must earn at least 25% of their credit hours through instruction offered by Thomas More College, exclusive of transfer credit and credit earned through the Consortium program. In addition, in order to earn a degree in a specific major, a student must complete, at Thomas More College, at least 18 of the hours required in that major for a bachelor's degree and 9 hours for an associate's.

In special cases, Thomas More College approves more sustained work at other institutions; for example, a semester's study in South America for an art major whose special interest is Spanish-American art; study at one of the English universities for a student of literature; etc.

### **MAINTENANCE/FORFEITURE OF DEGREE STATUS**

A student is bound by the academic regulations in effect at the time of initial enrollment. If a person interrupts enrollment for three or more years, that person must apply for readmission. If readmitted, the academic requirements in effect at the time of re-enrollment will apply.

### **ACADEMIC ADVISING**

Students who have been out of high school for less than five years (including transfer students with freshman status) and who attend classes primarily in the daytime hours are assigned initially to an advisor from among the faculty who constitute the Freshman Advising Team. Near the end of the first year, these students are re-assigned to a faculty advisor in their chosen major. Transfer students who have been out of high school less than five years but who have sophomore status or higher are assigned directly to a faculty advisor in their chosen major.

Students who have been out of high school for five years or more and students who intend to pursue their college studies primarily in the evening hours ordinarily have their first advising appointment with a counselor in the Center for Adult and Professional Education. Thereafter, a faculty member in their chosen major may advise them.

All students (but especially freshmen) are encouraged to maintain close contact with their advisors who can assist them in meeting their changing developmental needs for advising. It must be remembered, however, that although the College provides assistance in making educational, career and personal decisions, the primary responsibility for correctly registering and completing degree requirements remains with the individual student.

### **STUDENT COURSE LOAD**

The average course load for a full-time undergraduate student in a given semester is 16 credit hours. The minimum load for a full-time student is 12 credit hours per semester; half-time is 6-11 hours. Undergraduate students may not carry more than 18 credit hours per semester and students on academic probation may not carry more than 13 credit hours. Graduate students are full-time if enrolled in 9 hours and half-time if enrolled in 4-8 hours. The student's advisor or department chairperson and the Vice President for Academic Affairs must approve exceptions to any of these limits. Students in co-op work sessions who have simultaneously registered for 6 credit hours are recognized as full-time students. Students enrolled in the AES, BBA, or MBA TAP are considered full-time. Courses taken on the audit grading system cannot be used toward determining enrollment status.

## GRADUATION APPLICATIONS

It is the responsibility of the Registrar's Office to verify that each candidate for a degree has fulfilled all the curricular and non-curricular requirements for the degree. Students are required to file a Graduation Application with the Registrar's Office. Applications must be received in the Office of the Registrar each year by July 15 for Fall candidates, November 15 for Spring candidates and January 15 for Summer candidates. Applications submitted after those dates will be charged a late fee or moved into the next graduation period at the discretion of the Registrar. Please consult the Bursar or Registrar for current graduation fees.

## GRADUATION CEREMONY

Thomas More College offers three official graduation dates in May, August and December. There is, however, only one commencement ceremony scheduled in May. Students who will have completed all degree requirements in May or August of a given year may participate in the May commencement. Those who will complete their degree requirements for graduation in December will participate in the commencement ceremony the following May. The diploma will be issued only when all requirements, both curricular and non-curricular, have been met, and the date on the diploma will reflect the graduation date at which all requirements have been completed.

Should it happen that a student has participated in a commencement ceremony before the requirements have been completed (*e.g.* in the case of an August graduate) and some requirement is not met by the date of the anticipated graduation, that student may not again participate in the ceremonies nor may the individual's name appear again in the commencement program.

Students who, subsequent to the awarding of a given degree, earn a second major for that same degree are not entitled to participate in the graduation ceremony again nor are they entitled to a second diploma. This regulation, however, does not prohibit students who complete the requirements of a *different* degree program from either participating in the graduation ceremony again or receiving a second diploma.

## DESCRIPTIONS OF GRADING SYSTEMS

### GENERAL PRINCIPLES CONCERNING GRADES

- A. Registration and Withdrawal from courses is governed by the following principles:
  1. The last day to add a course is the end of the tenth day of each semester or the equivalent for alternate calendar scheduled courses.
  2. The last day to drop a course without record is the fifth day of the first week of each semester or the equivalent for alternate calendar scheduled courses.
  3. The last day to change the grading system is the end of the fifth week of class of each semester or the equivalent for alternate calendar scheduled courses.
  4. A grade of "WP" will be automatically recorded for courses dropped during the second through ninth week of the semester or the equivalent for alternate calendar scheduled courses.
  5. A grade of "W" will be initially recorded by the Registrar for any course dropped during the tenth through the fifteenth week of the semester or the equivalent for alternate calendar scheduled courses. The instructor will assign a "WP" or "WF" on the final grade sheet depending on the instructor's evaluation of the student's progress.
  6. Students can be dropped from a course for excessive absences and will receive a grade of "WF" assigned by the instructor. The instructor determines what constitutes excessive absence from each course and submits the appropriate form to the Registrar's Office.
  7. Students are expected to determine whether they have the interest, time and/or ability to successfully complete the course before the appropriate deadlines.
  8. Exceptions to this policy will only be granted in extenuating circumstances with the approval in writing of the instructor, the Department Chair and/or the Dean of the College.
- B. All courses listed as requirements for a major must be taken under the Letter System unless the major department permits otherwise. A minimum of 96 semester hours must be earned under the Letter System. All courses taken to satisfy Core Requirements must be taken under the Letter System. When registering for any course, the student shall indicate his/her choice of being graded under either the Letter System or the P/F System; however, during the first five weeks of classes in the semester or the first two weeks in either summer session, the student has the option to change from one system to the other. This time limit also applies to changes from credit to audit.
- C. Incomplete grades, "I", may be awarded at the end of a course when all but a minor portion of the course work has been completed. Before the end of the course, the student must make arrangements with the instructor to receive an incomplete grade and specify the remaining work to be completed with a time limit. The student must submit the Incomplete Grade Request Form to the Registrar's

Office before the deadline to submit grades or the student will automatically be assigned a failing grade. If the incomplete grade is not changed by the following deadlines it will automatically be change to "F": February 1 for fall semester courses, July 1 for spring semester courses, October 1 for summer semester courses. In the TAP program, an incomplete grade must be changed within 14 days of the conclusion of the course.

- D. A student who receives an "N" may have it changed upon the successful completion of the work. The deadlines for such changes are the end of the spring semester for the fall semester N's, the end of summer semester for spring semester N's and the end of the fall semester for summer semester N's. The instructor of the course must submit appeals for extension of these deadlines to the Registrar in writing.
- E. It is the student's responsibility to report any errors in his/her grade report to the Registrar, no later than the deadline for grade changes specified in (C) above.
- F. Students who repeat a course, regardless of the grade or credit earned in the previous course, will have only the latest attempt count in their cumulative grade point average and semester hours. All grades received must appear on the transcript, but only the last grade received is counted. Repeated courses will remain on the transcript with a 'repeated' notation and cannot be used to fulfill graduation requirements. Courses with a W (withdrawal) or WP (withdraw passing) grade are not considered. This policy does not apply to courses allowed as repeatable as indicated in the catalog, such as special topics or co-operative education courses. For repeatable courses all attempts are counted in the cumulative grade point average and semester hours.

### GRADUATE LETTER GRADING SYSTEM

GRADE	QUALITY POINTS	EXPLANATION
A	4.00	Distinguished work demonstrating superior analysis, synthesis, and evaluation skills. Completeness and complexity of thought is evident and communicated in a clear, organized, professional manner.
B+	3.50	Work stronger than that needed for a B but not attaining the level of distinction required for an A.
B	3.00	Strong work demonstrating commendable analysis, synthesis and evaluation skills. Completeness and complexity of thought is evident though work indicates significant but non-critical gaps. Findings are communicated in a clear, organized, professional manner.
C+	2.50	Work demonstrating a lesser degree of completeness and complexity than required for a B, yet rising above the level of mere adequacy needed for a C.
C	2.00	Adequate work demonstrating fair analysis, synthesis and evaluation skills. Some complexity of thought is present but the work is flawed by critical gaps. Findings are presented in a clear, organized, professional manner.
F	0.00	Work of unsatisfactory nature not worthy of professional graduate credit.
I		Incomplete course requirements; changes to F after a designated period.
N		Satisfactory progress in a course that continues beyond the usual term.
W		Official withdrawal.
Y	0.00	Unofficial withdrawal. Issued when a student ceases to attend or never attended but has not withdrawn.

### LETTER GRADING SYSTEM

GRADE	QUALITY POINTS	EXPLANATION
A	4.00	
B+	3.50	
B	3.00	
C+	2.50	

C	2.00	
D+	1.50	
D	1.00	
F	0.00	
I	Not considered	Incomplete course requirements. Automatically becomes an F if the instructor does not submit a change of grade by the deadline for such changes. The student should not expect that this grade will automatically be assigned.
N	Not considered	Satisfactory progress in a course for which work normally extends beyond one semester. Automatically becomes an F if the instructor does not submit a change of grade by the deadline for such changes.
WP	Not considered	Automatically recorded for any course dropped during the second through the ninth week of the semester, or its equivalent, OR assigned by the instructor when the student withdraws with a passing grade after the ninth week of the semester, or its equivalent.
W	Not considered	Official withdrawal after the ninth week of class.
WF	0.00	Grade assigned by the instructor when a student is dropped for excessive absence or when a student withdraws from a course after the ninth week while not passing the course.
Y	0.00	The grade of Y (unofficial withdrawal) is used when a student has ceased to attend a course (or never attended) but has not withdrawn officially.

#### **PASS/FAIL SYSTEM**

P	Not considered	Successful completion of course. P implies grade of A, B, C or D.
F	0.00	Failure in course
I, N, W,	As	
WP, WF, Y	indicated above	As defined above

#### **REMEDIAL GRADING SYSTEM**

Remedial courses are not calculated in academic standing and do not count toward degree and graduation requirements. However, these courses are calculated in attempted hours and are used to determine enrollment status. The only grades issued in remedial grading are A, B, C and F.

#### **AUDIT GRADING SYSTEM**

Any course can be taken on the audit grading system. Students will coordinate with the instructor what is required in the course. No credit is received for courses taken on the audit system, and these courses cannot be used toward determining enrollment status.

#### **ATTENDANCE POLICY**

Excessive absence from class shall constitute sufficient grounds for dismissal from the class affected or such other lesser academic penalty, as the faculty member may judge appropriate. Each faculty member is competent to determine what number of absences, if any, may be permitted in a particular course. This policy shall be indicated in the course syllabus. Should a student be absent from an announced test, seminar, or laboratory, the faculty member is not obliged to present a makeup opportunity. Attendance is tracked for online courses based on the dates the student accesses the online content.

A student who is reported to the Office of the Registrar as having been excessively absent from class will receive a notice from the Registrar's Office that the professor has dropped the student from his or her course. Students who are dropped from a course for excessive absences are assigned a grade of WF for the course.

A student may appeal the professor's dismissal if there are extenuating circumstances affecting his/her case. Students must convey their appeal in writing to the Vice President for Academic Affairs within one week after the notice of dismissal is given.

## ACADEMIC STATUS POLICY

**Academic Status:** A student's Grade Point Average (GPA) is computed by dividing quality points by quality hours. Grades of AU, I, N, P, and W and remedial grades are disregarded in the computation of averages. The records of students are reviewed as they stand at the end of any given semester or session. Students may be placed on, removed from or continued on probation, suspended or dismissed at the end of any semester or session. Any students with "I" (incomplete) grades at the end of the semester will be re-evaluated after the deadline to change such grades has passed (see grading policies). Students can be placed on or removed from probation at that time. From the basis of this review, the following policies are applied:

### A. Good Standing

1. Students who have attempted a total of less than 12 quality and pass-fail hours at Thomas More College or elsewhere are automatically considered to be in good standing.
2. Students who have attempted a total of 12-23 quality and pass-fail hours at Thomas More College or elsewhere are considered to be in good standing when their cumulative GPA is 1.50 or better.
3. Students who have attempted a total of 24-35 quality and pass-fail hours at Thomas More College or elsewhere are considered to be in good standing when their cumulative GPA is 1.75 or better.
4. Students who have attempted a total of 36 or more quality hours and pass-fail hours at Thomas More College or elsewhere are considered to be in good standing when their cumulative GPA is 2.00 or better.
5. Students with less than a total of 36 quality and pass-fail hours whose GPA is below 2.00 but who have not been placed on probation will receive a warning letter from the Vice President for Academic Affairs, and will be limited to a maximum of 13 semester hours for the following semester.

### B. Probation

1. Students who do not meet the cumulative GPA required for Good Standing (as defined above) will be placed on probation for the next semester or session.
2. At the end of the probationary semester or session, students will be removed from probation if their semester and cumulative GPA meet the standards set above for Good Standing. Students will be continued on probation if their semester GPA requirement is met while their cumulative GPA is still below the requirement. A student may continue on probation for a maximum of three consecutive semesters or sessions.
3. To assist probationary students in meeting the goal of improving their academic status, Thomas More College will not allow students on academic probation to:
  - a. register for more than 13 semester hours;
  - b. serve as officers or committee members in any campus organization;
  - c. publicly represent the College (e.g., in athletic or other intercollegiate competition, in dramatic productions, etc.).

### C. Suspension

1. At the end of a probationary semester or session, students will be suspended if:
  - a. their semester and cumulative averages are still below the minimum required for Good Standing.
  - b. their semester GPA requirement is met while their cumulative GPA is still below the requirement and they have exceeded the maximum of three consecutive semesters or sessions on probation.
2. Students placed on academic suspension may appeal to the Vice President for Academic Affairs for immediate reinstatement if they believe extenuating circumstances contributed to their poor academic performance. If such circumstances do not exist or if the appeal for immediate reinstatement is denied, they may be considered for reinstatement after the lapse of one semester or session upon appeal to and approval of the Vice President for Academic Affairs. Reinstatement, however, is not automatic. Students must present convincing evidence of a change in circumstances or conditions that support their request for reinstatement. The academic status for reinstated students is Probation.

### D. Dismissal

If a student's academic performance leads to a second suspension, dismissal is automatic. The period of academic dismissal continues for at least three calendar years and is considered a permanent action, although substantive appeals for reinstatement can be considered after the full dismissal time has expired.

#### **E. "Fresh Start"**

The "Fresh Start" policy is a provision which allows a student returning to Thomas More College that has remained out of any college or university for three or more calendar years to void a portion of the work done prior to readmission.

A student who meets the time-eligibility requirement above and who wishes to take advantage of this option may do so by:

1. applying to the Admissions Committee for readmission to the College;
2. taking at least 12 more semester hours on the letter grading system;
3. earning at least a 2.0 GPA in the courses taken since readmission to the College, with passing grades in each course; and
4. submitting the "Fresh Start" request to the Registrar as soon as possible after taking 12 more hours on the letter grading system, but in no case later than six months before the intended date of graduation.

After the "Fresh Start" is granted, all courses remain on the permanent record. Only those courses that were not voided by the "Fresh Start" will apply toward the 128 semester hour graduation requirement, and only those same courses will be included in the grade point average.

#### **G. Graduate Students**

Graduate students enrolled in the Master of Business Administration and Master of Arts in Teaching programs must maintain a 3.0 cumulative GPA to continue uninterrupted progression in the program.

## **ACADEMIC HONESTY**

Academic dishonesty (which includes plagiarism and cheating) is a form of theft. It is inconsistent with the moral character expected of students in a college committed to the spiritual and intellectual growth of the whole person. It also subverts the academic process by distorting all measurement. It is a serious matter and will be dealt with accordingly.

#### **I. Sanctions**

- A. For the first offense (administered by the instructor)  
*Minimum* penalty: Grade of 0 or F for the examination, quiz or paper affected without opportunity to make it up.  
*Maximum* penalty: Grade of F for the course affected and academic probation as determined by the Vice President for Academic Affairs.
- B. For all subsequent offenses (administered by the Vice President for Academic Affairs and the Student Conduct Council):  
*Minimum* penalty: Suspension from the College with loss of all credit for the semester and a grade of F for the course(s) affected. Instructors will be requested to submit a W or WF grade for each of the other courses taken that semester.  
*Maximum* penalty: Academic dismissal from the College with loss of all credit for the semester, without opportunity to reapply.

#### **II. Procedures**

- A. An instructor who has evidence that a student has committed an offense against the College's Policy on Academic Honesty may confront the student with the allegation in a confidential and private interview within 48 hours of having detected the alleged offense. The instructor will, at that time, describe the circumstances of the allegation, remind the student of the College Policy on Academic Honesty and allow the student to state his/her response to the allegation. No allegation of dishonesty may be made after the degree being pursued has been conferred. If the student admits to having committed the offense, the professor will apprise the student of the sanction to be imposed. To avoid later complications, a record of the offense, a statement of the admission and the sanction will be recorded on the Academic Violation Form. The instructor and the student will sign the form. A copy of the form will be given to the student and a copy will be submitted by the instructor to the Vice President for Academic Affairs to be preserved in the Office of the Vice President. The instructor shall impose the sanction. The Vice President for Academic Affairs may impose a more severe sanction if investigation reveals a prior offense. A record of the event will become a part of the student's record in the Office of the Vice President for Academic Affairs.
- B. If the student does not agree, or if the student refuses to meet with the instructor, or meets with the instructor and denies the allegation, or after admitting the allegation refuses to sign the College's Academic Violation Form, or if the instructor chooses not to resolve the matter, the instructor will present the accusation and supporting documentation in writing to the Vice President for Academic

Affairs. The Vice President for Academic Affairs will forward a copy of the accusation to the student, examine the evidence, and will confer with the student if the Vice President judges the charge to be justified. The Vice President will apprise the student of his/her judgment, including the sanction. The student will acknowledge in writing that he/she understands (and, if appropriate, accepts) the Vice President's judgment. The Vice President will inform the instructor, the sanction will be imposed and all documentation in the case will be made a part of the student's record while he/she is at the College. If the student refuses to acknowledge in writing that he/she understands the Vice President's judgment the student may be subject to dismissal from the College without opportunity to reapply.

- C. If the student chooses not to accept the judgment of the Vice President for Academic Affairs, the Vice President will inform the student of his/her right to appeal. The student initiates the appeal process within five (5) class days of receipt of the Vice President for Academic Affairs' judgment. This written request for appeal is made to the Student Conduct Council through the Vice President for Academic Affairs. If the student neglects to submit the written request for appeal under the prescribed conditions, the judgment of the Vice President for Academic Affairs will prevail and the sanction will be imposed. A copy of the document will be made a part of the student's record while he/she is at the College.
- D. The student will have the right to specify whether the appeal will be heard by the Student Conduct Council (composed of three (3) faculty members, three (3) students, and an administrator) seated as a hearing panel or by a hearing agent (a faculty member or an administrator appointed by the Student Conduct Council). The hearing panel or hearing agent will notify the student of the date, time and location of the hearing. Prior to the hearing the student may forward to the hearing panel or agent a written statement concerning the alleged offense. The hearing panel or agent will notify the instructor of the date, time and location of the hearing. The instructor may choose to submit a written statement of his/her allegation along with any appropriate documentation prior to the hearing. The hearing panel or agent may call to the hearing any person(s) directly concerned with the allegation. During the hearing, the student will be given every consideration and opportunity to be heard. A complete and verbatim record of the hearing will be kept. The hearing panel or agent will take a reasonable period of time to deliberate. All matters pertaining to the hearing will be kept strictly confidential. Written notification of the decision and sanction imposed by the hearing panel or agent will terminate the appeal process. The record of the hearing and all supporting documentation will be made a part of the student's record while he/she is in attendance at the College and for three (3) years after the last semester of attendance. If at any point in the process the student has been cleared of the charges, all records pertaining to the incident will be destroyed. At every stage in the process, the student will have a right to submit in writing his/her statements regarding the events.

## ACADEMIC EVALUATION APPEAL PROCESS

Students who consider themselves the victims of unfair<sup>1</sup> evaluation may appeal the grade in the following manner:

1. The student tries to clarify the matter by conference with the course instructor.
2. If still dissatisfied after the conference, the student consults with the Chairperson of the Department in which the grade was given.
3. If the issue is still unresolved, the student consults with the Vice President for Academic Affairs, who will confer with the instructor.
4. If the disagreement persists, the Vice President for Academic Affairs convenes the Appeal Board.
  - a. Upon receipt of a formal written request for the student or instructor, the Appeal Board hears the appeal.
    - i. The appeal of a particular grade can be made only once by a student.
    - ii. The deadline for the formal written request is the time limit for making a grade change under College policy (February 1 for the Fall semester, July 1 for the Spring semester and October 1 for the Summer Sessions).
  - b. Composition of the Appeal Board:
    - i. The Appeal Board consists of two (2) faculty members and two (2) students. Each represents a different department from that directly involved in the appeal. The Student Government will select the students upon request and the Faculty Coordinating Committee will provide the faculty upon request.

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<sup>1</sup> Unfair" is defined to mean that the student was evaluated in a manner inconsistent with the standards specified in the course syllabus or course outline.

- ii. A third faculty member from a related department, such as another department in the same division or a similar discipline, serves as an *ad hoc* appeal board member at the request of the Vice President for Academic Affairs and votes only if one of the two other faculty members is not in attendance.
- iii. The Vice President for Academic Affairs chairs the meeting, may ask question or supply requested information, but does not vote.
- c. Grade Appeal Hearing Process
 

After introductory remarks by the Chairperson, the meeting proceeds in the following order (both parties may be present for steps i, ii, and iii):

  - i. Presentation by Student, including statement of facts and documentation.
  - ii. Presentation by Instructor/Professor, including statement of facts and documentation.
  - iii. Questions from Appeal Board for information and clarification.
  - iv. Deliberation of Appeal Board in absence of Student and Instructor/Professor
  - v. Communication of Appeal Board's decision to Student and Instructor/Professor.
  - vi. Record of the procedure will be kept on file in the office of the Vice President for Academic Affairs.
- 5. The Vice President for Academic Affairs conveys the decision of the Appeal Board within two working days. The student and instructor will each receive a written copy of the decision with the reasons for the decision.
- 6. If the Appeal Board decision is unsatisfactory to either the student or the instructor, that person may appeal the decision to the President of the College. The materials of the grade appeal should be supplied to the President by the office of the Vice President for Academic Affairs upon request. The President's decision is final.

## ACADEMIC HONORS

Thomas More College recognizes academic excellence in several ways, including membership in national honor societies.

**Dean's List:** At the end of the fall and spring semesters the Vice President for Academic Affairs publishes a Dean's List for undergraduate degree-seeking students. It is a list of honor students who achieved a GPA of a 3.5 or higher in that semester. Consistent with the graduation categories, the Dean's List is divided into three categories: Dean's High Honors 3.90-4.00; Dean's Honors 3.80-3.89; Dean's List 3.50-3.79.

To be eligible for the Dean's List in a given semester, full-time students must have carried and earned at least twelve credits with nine hours or more on the letter grading system. Part-time students are eligible for the Dean's List if they have carried and earned six to eleven hours with at least six credit hours on the letter grading system. Students enrolled in the accelerated TAP programs are considered full-time students.

The Dean's List is prepared for publication on the basis of grades earned and reported to the Registrar's Office no later than ten days after the last day of the semester. A student whose record still contains an Incomplete will not be considered for placement on the Dean's List at that time. Should a later grade change qualify the student for inclusion, the person's name will be added. It is the responsibility of the student to bring this to the notice of the Academic Vice President's Office.

For purposes of the Dean's List, courses taken through the Greater Cincinnati Consortium of Colleges and Universities are considered as courses taken at Thomas More College.

**Graduation Honors:** To be eligible for graduation honors a student must have earned a minimum of 64 credit hours while in residence at Thomas More College. A student cannot earn a higher honor than that for which he or she qualifies by reason of courses taken at Thomas More College. The three levels of Graduation Honors acknowledged upon conferral of the Bachelor's degree<sup>2</sup> are determined on the basis of cumulative grade-point averages as follows:

3.50	Cum laude
3.80	Magna Cum laude
3.90	Summa Cum laude

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<sup>2</sup> Note that honors are not conferred upon recipients of Associate Degrees or Master's Degrees.

The initial determination of Graduation Honors, for the purpose of the Commencement Program, is made on the basis of the cumulative grade-point average and cumulative earned hours plus current attempted hours as it stands on April 10 of the year of graduation. The final determination of Graduation Honors, for the purpose of the permanent academic record, is made after grades are posted for all courses taken in fulfillment of degree requirements.

The student must be recommended by the Vice President for Academic Affairs and receive a majority vote of the faculty. Although grades for the final semester are not figured in the cumulative standing for Commencement Program purposes, continued high quality of achievement, attested by the faculty, is demanded.

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## FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA) POLICY STATEMENT<sup>3</sup>

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In accordance with the Family Educational Rights and Privacy Act of 1974 (FERPA) students have certain rights concerning their education records, including the right to inspect and review their educational records, the right to request amendment of education records they believe to be inaccurate or misleading, the right to have some control over the disclosure of information derived from their education records, and the right to file a complaint with the U.S. Department of Education.

Thomas More College is committed to protecting the rights of students, informing the Thomas More community about FERPA, and ensuring that the College handles educational records and directory information in a secure manner consistent with Federal regulations. Thomas More College has adopted a policy statement to maintain compliance with the FERPA, to insure the rights of students are protected, and to give guidance to faculty and staff as to the appropriate procedure when handling student records. These guidelines are available in the Registrar's Office.

### DEFINITIONS

For the purposes of this policy, Thomas More College ("the College") has used the following definitions of terms:

**Student** - any person who attends or has attended Thomas More College, Villa Madonna College, or the Seminary of St. Pius X.

**Education records** - any record (in handwriting, print, tapes, diskette, film, or other medium) maintained by Thomas More College or an agent of the College which is directly related to a student, **except:**

- A. A personal record kept by a staff member if it is kept in the sole possession of the maker of the record and is not accessible or revealed to any other person except a temporary substitute for the maker of the record.
- B. An employment record of an individual, whose employment is not contingent on the fact that he or she is a student, provided the record is used only in relation to the individual's employment.
- C. Records maintained by an office in the College if the records are maintained solely for law enforcement purposes, are revealed only to law enforcement agencies of the same jurisdiction, and this College office does not have access to education records maintained by the College.
- D. Records maintained by the Health Clinic if the records are used only for treatment of a student and made available only to those persons providing the treatment.
- E. Alumni records which contain information about a student after he or she is no longer in attendance at the College and which do not relate to the person as a student.
- F. The financial statements of the student's parents/guardians.
- G. Letters and statements of recommendation for which the student has waived his or her right of access, or which were placed in file before January 1, 1975.
- H. Records connected with an application to attend Thomas More College, Villa Madonna College, or the Seminary of St. Pius X if that application was denied.
- I. Those records which are excluded from the FERPA definition of education records.

**Note:** *Education records held by Thomas More College are considered the property of the College to which students have rights of access.*

**Office of the Registrar** - administrative office with official responsibility for the maintenance of student academic records. The only office authorized to release official and unofficial transcripts and verifications.

**RELEASE OF INFORMATION:** "Directory Information" may be released for any purpose at the discretion of the College when it is believed to be in the best interest of the student. Under the provisions of FERPA students have the **right to withhold the disclosure of all "Directory Information" as follows: student name, address, email address, telephone number, major field of study, dates of attendance, enrollment status, degrees, academic honors and awards received, club and athletic participation records, and photographic, videotaped, and electronic images.** The College will disclose any of these items without prior written consent from the student, unless notified in writing by the student to the contrary. The College will disclose only dates of attendance, enrollment status, major field of study and degrees received

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<sup>3</sup> Adopted September 29, 1997, amended April 8, 2002, November 2, 2007, and May 4, 2009.

via telephone. Other "Directory Information" will be disclosed by written response. If the student does not wish to have this information released for any purpose, including the student directory, press releases, etc., the student must inform the College in writing by the end of the second week of classes in any semester. Notification forms are available in the Office of the Registrar. If the student's correspondence is not received in the appropriate office, the College will disclose the above information until the next notification. Please consider very carefully the consequences of any decision to withhold "Directory Information." Should a student decide to inform the College not to release "Directory Information," requests for **ALL** "Directory Information" from any third party will be refused.

**RIGHT TO REVIEW YOUR RECORDS:** Once enrolled, students have the right to review their educational records except those excluded by law within 45 days of the day the College receives a request for access. Students should submit written requests that identify the record(s) they wish to inspect. The College will make arrangements for access and notify the student of the time and place where the records may be inspected.

**CORRECTION OF EDUCATION RECORDS:** Students have the right to ask the College to have records corrected that they believe are inaccurate, misleading, or in violation of their privacy rights. Following are the procedures for the correction of records:

- A. A student must request, in writing, to the College official responsible for the record, to amend a record. In so doing, the student shall identify the part of the record he/she wants changed and specify why he/she believes it is inaccurate, misleading, or in violation of his/her privacy or other rights.
- B. The College may comply with the request or it may decide not to comply. If it decides not to comply, the College will notify the student of the decision and advise him/her of his/her right to a hearing to challenge the information believed to be inaccurate, misleading, or in violation of the student's rights.
- C. Upon request, the College will arrange for a hearing, and notify the student of the date, place and time of the hearing.
- D. The hearing will be conducted by a hearing officer who is a disinterested party; however, the hearing officer may be an official of the institution. The student shall be afforded a full and fair opportunity to present evidence relevant to the issues raised in the original request to amend the student's education records.
- E. The College will prepare a written decision based solely on the evidence presented at the hearing. The decision will include a summary of the evidence presented and the reasons for the decision.
- F. If the College decides that the challenged information is not inaccurate, misleading, or in violation of the student's right of privacy, it will notify the student that he/she has a right to place in the record a statement commenting on the challenged information.
- G. The statement will be maintained as part of the student's education records as long as the contested portion is maintained. If the College discloses the contested portion of the record, it will also disclose the statement.
- H. If the College decides that the information is inaccurate, misleading, or in violation of the student's right of privacy, it will amend the record and notify the student, in writing, that the record has been amended.

#### **REFUSAL TO PROVIDE COPIES**

With an understanding that it cannot deny students access to their educational records, the following describes the circumstances in which the College may deny students a copy of their education records if the student has an unpaid financial obligation to the College or if there is an unresolved disciplinary action against the student.

**CONFIDENTIALITY:** All student records will be treated with confidentiality. College faculty and staff will have access to student records on a "need-to-know" basis. The office responsible for any particular education record or office requesting information for a legitimate educational interest will be responsible for ensuring that such confidentiality is maintained.

#### **DISCLOSURE OF EDUCATION RECORDS**

Disclosure of any information other than Directory Information requires a signed release, with original signature, from the student. This may include, but is not limited to, release of grade point averages, grades, test scores, etc.

Deceased Students: The College will not permit the release of educational records of deceased students unless authorized in writing by the executor/executrix of the deceased student's estate.

The College will disclose information from a student's education records only with the written consent of the student, **except**:

- A. To school officials who have a legitimate educational interest in the records.  
A school official is a person employed by the College in an administrative, supervisory, academic, research, or support staff position (including law enforcement personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor or collection agent); a person serving on the Boards of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.  
A school official has a legitimate educational interest if the official is performing a task that is specified in his or her position description or by a contract agreement, performing a task related to a student's education, or performing a task related to the discipline of a student.
- B. To certain officials of the U.S. Department of Education, The Comptroller General, and state and local educational authorities, in connection with certain state or federally supported education programs.
- C. In connection with a student's request for or receipt of financial aid, as necessary to determine the eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the aid.
- D. If required by a state law requiring disclosure that was adopted before November 19, 1974.
- E. To organizations conducting certain studies for or on behalf of the College.
- F. To accrediting organizations to carry out their functions.
- G. To comply with a judicial order or a lawfully issued subpoena after a reasonable attempt is made to notify the student. The College is not required to give prior notice when responding to a Federal grand jury subpoena or other law enforcement subpoena that states the student not be informed; and that the contents of or existence of the subpoena not be disclosed.
- H. To comply with State statutes in connection with a juvenile justice system.
- I. To a court when the College initiates legal action against a student, and gives the student prior notice of the intended disclosure.
- J. To appropriate parties in a health or safety emergency.

**Note:** *The College will be prohibited from permitting specific third party access to personally identifiable student information for a period of five years if that third party rediscloses personally identifiable student information in violation of FERPA.*

#### **SOLOMON AMENDMENT**

The Solomon Amendment mandates that institutions must fulfill military requests for student recruiting information. Federal law defines student recruiting information as name, address, telephone number, age or date of birth, class level, academic major, place of birth, degrees received, and most recent educational institution attended. Requests can also include additional directory information as defined by the institution, such as email address. Students who have elected to withhold directory information will not have their information released under the Solomon Amendment.

#### **PARENTAL OR GUARDIAN ACCESS TO STUDENT'S EDUCATION RECORDS**

The College may, at its discretion, release student educational records only under the following circumstances:

- 1) through the written consent of the student, *i.e.* academic records;
- 2) in compliance with a subpoena; or
- 3) by submission of evidence that the parents or guardians declare the student as a dependent on their most recent Federal Income Tax form (Internal Revenue Code of 1954, Section 152), *i.e.*, student financial account records or notarized statement of intent to claim the student as a dependent.

#### **RECORD OF REQUESTS FOR DISCLOSURE**

The College will maintain a record of all legitimate written disclosures of a student's educational record released without student's signature as set forth in the exceptions noted above.

#### **ANNUAL NOTIFICATION**

- A. Students will be notified of their FERPA rights annually by publication in all student handbooks published by Student Development/Dean of Students and the Accelerated Programs/ Center for Adult and Professional Education.
- B. Other notification may be made available through publication in the college Catalogue and the Faculty Policy Manual. Also, handouts will be made available at all times in the Office of the Registrar.

**TYPES, LOCATIONS, AND CUSTODIANS OF EDUCATION RECORDS**

The following is a list of the types of education records that Thomas More College maintains, their locations, and their custodians.

<b>Types</b>	<b>Locations</b>	<b>Custodians</b>
Admission Records	Office of Admissions Office of Accelerated Programs	Director of Admissions Director of Adult and Professional Education
Academic Records	Office of the Registrar	Registrar
Financial Aid Records	Financial Aid Office	Director of Financial Aid
Student Account Records	Bursar's Office Office of Accelerated Programs	Bursar Student Accounts – TAP
Health Records	Campus Health Center	Nurse Coordinator
Disciplinary and Student Housing Records	Student Life Office	Director of Student Life
Career Planning & Co-op Records	Office of Career Planning & Cooperative Education	Director of Cooperative Education
Athletic Records	Athletic Department	Athletic Director
Immigration & Naturalization Records	International Student Services	Director of International Student Services

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## ACADEMIC OPTIONS

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**I. Experiential Learning**-Thomas More College provides students with learning options beyond the traditional on-campus classroom setting. The following five programs comprise the experiential learning opportunities available through Thomas More College.

A. **Contracted Learning:** The objective of Contracted Learning is to provide opportunities for students to enrich their education through learning experience beyond the course offerings of the College, to acquaint themselves with means for extending the learning process past their formal training and into their career perspectives, and to acquire flexibility in their approach. Up to 16 credit hours may be earned in contracted learning projects in the course of the student's undergraduate education.

B. **Service Learning:** Service learning provides structured, experiential, community-based opportunities for students to enrich their learning in virtually all academic areas, but particularly in the Humanities and Social Sciences. There are three main components involved in service learning: planning and preparing for a service placement with the faculty service learning coordinator and other students, hands-on experience working in a community non-profit organization, and reflection on one's experience through discussion, writing and further research. Through service activities, students bolster their formal academic learning through hands on experiences. They develop a greater sense of agency and community involvement, gain practical work experience, learn to directly apply class learning, realize a deeper understanding of social issues, and are emotionally and intellectually challenged.

Service Learning will be offered as part of the academic curriculum. GEC 206, a 1-3 credit Service Learning course, will be offered under the supervision of a faculty member. GEC 206 must be paired with a particular academic course such as PHI215 or THE 425 in which the instructor of the latter has met with the Service Learning coordinator to establish relevant service experiences. The course is graded on a pass/fail basis and consists of meetings with the Service Learning coordinator, service at a non-profit organization and a reflection paper. Students must complete a minimum of 15 contact hours throughout the semester per credit hour. Contact hours can include field work, faculty and student meetings, and extensive group or independent work. Placement will be made in agencies offering hands on service relevant to the course objectives the service learning course is paired with.

C. **Community Service:** The Service Learning Program also has responsibility for the coordination and promotion of community service opportunities. Thomas More students are involved with many different non-profit organizations in the community. Many types of opportunities are available through the Service Learning Office and the Career Planning and Service Learning Resource Room and are also posted on the Service Learning/Volunteer bulletin board. Students may stop by at any time to discuss their interests or go through the binders of service requests from community organizations to see what may be of interest to them.

D. **Cooperative Education:** Cooperative education (Co-op) is a learning process which integrates classroom theory with paid practical work experience. The Co-op Program, which is optional, is available in most of the major fields of study at Thomas More College. Students must maintain at least a 2.5 GPA and complete 30 credit hours to be eligible for participation in the Co-op Program. Freshman students who have completed 15 credit hours with a GPA of 3.5 or higher are eligible to co-op. Academic Departments may have additional requirements. One to three credit hours per work semester may be earned. Students must complete a minimum of 15 contact hours throughout the semester per credit hour. Contact hours can include field work, faculty and student meetings, and extensive group or independent work. Students work either part-time for consecutive semesters while continuing full-time study (parallel model) or work full time with alternating semesters of full-time study (alternating model). Students working the alternating model are considered full-time, although they need not be enrolled in 12 credit hours during work semesters. (NOTE: To comply with NCAA and certain Financial Aid regulations, students need to be registered for six credit hours per alternating work term.) Students are expected to work a minimum of two work terms and maintain a 2.5 or better GPA. Employment approval by both the Co-op Director and the Faculty Co-op Coordinator is required for participation in the program. Employment assistance is provided, but co-op jobs are not guaranteed. Faculty Co-op Coordinators monitor student progress via supervisor evaluations and site visits. These measures enable Faculty Coordinators to determine if the students' learning objectives are being fulfilled. By completing the required academic assignment, students may earn one to three credit hours per semester for participation in the Co-op Program. A non-credit option is also available, with a \$50 administrative fee charged. The appropriate course number will be assigned when a placement is made. Refer to the Courses of Instruction section of this Catalogue for specific course numbers. The Co-op Program is administered through the Career Planning Center.

- E. Internships: An internship mirrors Co-op in that students work for business, industry, government or non-profit organizations to gain career-related work experience. The differences are that internships may be unpaid, students may only work one semester, and work hours range from 10 to 20 per week (or 40 hours per week during the summer). Students work through their academic departments to arrange credit for internship experiences. Eligibility requirements and academic requirements may vary between disciplines, see the respective course description and department for details.

**II. Greater Cincinnati Consortium of Colleges and Universities:** To provide curriculum enrichment and to expand the number and variety of educational opportunities available to its students, Thomas More College is a member of the Greater Cincinnati Consortium of Colleges and Universities (GCCCU), which includes a number of regionally accredited institutions throughout the Greater Cincinnati Area. Please see the Registrar's Office for a current list of member institutions.

Students from the participating institutions are permitted to enroll in a course or courses offered by a Consortium college or university on a space-available basis. Tuition payments for the courses are made to the home institution at the home institution's rate, and the host institution collects special fees for the courses. Grades earned for courses taken through the Consortium program will be used in the calculation of the Thomas More College G.P.A.

Students must be in good academic standing to participate in the Consortium. All full-time and half-time degree seeking students are eligible to earn a maximum of half their semester or quarter hours at Consortium schools with a limit of up to two (2) courses or six (6) semester hours in any given term. Summer status is determined by the student's credit hour load the previous semester. Students are responsible for ensuring they have taken the necessary prerequisites for a consortium course and for ensuring that the course taken will fulfill the desired requirement. The course also must be unavailable at Thomas More College. Students may take 16 credit hours through the consortium over the course of his/her undergraduate program. See section on residency for additional policies. Further explanation of rules and procedures are available in the Registrar's Office.

**III. Military Science (ROTC):** The Department of the Army at Xavier University, Cincinnati, Ohio, in cooperation with Thomas More College, provides the opportunity for any qualified student to enroll in the Army's Military Science commissioning program.

Military Science classes are presented on the Xavier University campus. These courses are taken through the Consortium. Upon graduation and successful completion of the Military Science program, students will be commissioned as Second Lieutenants in the United States Army. No obligation for military service is incurred during the first two years of the program.

For further information about the curriculum and professional development requirements, contact the *Military Science Department at Xavier University, Cincinnati, Ohio, by telephone at (513) 745-3646.*

- *Student Advising:* Students enrolled in a Military Science program will have two advisors: a Military Science advisor and an academic advisor. The Military Science advisor will advise students only on matters concerning the military science program. Students must consult with their academic advisor on all questions concerning course and graduation requirements in their academic field of study.
- *Academic Correlation:* Certain bachelor's degree programs correlate directly with certain branches of the Army. Among those are Nursing and the Army Nurse Branch. Students whose career plans are in such a professional area should consult a Military Science advisor.
- *Advanced Placement:* Students may qualify for direct enrollment in the advanced course when awarded placement credit for the basic course by the Military Science Chairperson.
- *Financial Assistance:* There are currently two and three year scholarships available to Military Science Students. All are competitive and awarded on a best-qualified basis.

*A similar program exists in conjunction with the Air Force ROTC at the University of Cincinnati. For additional information call (513) 556-2237, or write to AFROTC Dept 665, University of Cincinnati, 2535 Dennis Street, Cincinnati OH 45221-0042.*

**IV. Cooperative Center for Study Abroad:** CCSA is a higher education consortium of colleges and universities offering study abroad programs. Full-time or part-time students in good academic standing at Thomas More College are eligible to participate in any CCSA program. Contact the Vice President for Academic Affairs for information on various programs available for Thomas More College credit.

**V. Credit by Examination:** Advanced Placement with credit will be given to high school graduates who have received the minimum score required by Thomas More College on one or more of the Advanced Placement Examinations of the College Entrance Examination Board.

Thomas More College recognizes the General and Subject Examinations of the College Level Examination Program (CLEP) of the College Entrance Examination Board and Dantes Standardized Subject Tests (DSSST) for the award of credit. A posting and processing fee is applicable to all students including those who submit scores of CLEP taken elsewhere while enrolled as students at Thomas More College.

Credit by examination cannot be awarded for a lower level course in a discipline than one for which the student has already earned credit. A student may also not earn credit by examination for a course if they have earned credit for a course with similar content. If the credit is transferred to meet a major requirement, the department may require supplemental learning to meet the Thomas More College equivalency.

The College also recognizes the Proficiency Examination Program (PEP) of the American College Testing service for the award of credit.

Additional information on all credit by examination is available in the Registrar's Office.

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## THE HONORS PROGRAM

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Thomas More College students of exceptional academic ability are eligible to apply for admission to the Thomas More College Honors Program. During the students' first semesters of the program, Honors students, designated as St. Thomas More Scholars, will participate in special honors seminars and community service opportunities to enhance their broad liberal arts education. Advanced Honors students have the opportunity to become St. Thomas More Fellows by undertaking special honors work in the discipline of their choice. Thomas More Honors students must complete the requirements of a St. Thomas Scholar before beginning the requirements of a St. Thomas More Fellow.

To graduate as a **St. Thomas More Scholar** each student must minimally complete at least two Honors Seminars and an approved Community Experience. The Honors Seminars require a high quality of performance in written material, verbal presentation and critical judgment. The seminar topics vary from semester to semester in content to reflect all of the disciplines of the College. The Community Service experience is a social service opportunity with numerous possibilities supported by training and in field supervision. One recent example has been a Tutoring/Mentoring Program at Sixth District School in the Covington Independent School District. The Honors Seminars and Community Experience are not usually taken concurrently.

**St. Thomas More Fellows** are usually approved by the end of the junior year. Each Fellow works under the supervision of an Honors professor in that student's major discipline. The Fellow must complete a one or two semester project in the student's major after consultation with the Honors director, a departmental Honors professor, and with approval of the Honors Committee.

### ELIGIBILITY

From among those who are eligible to apply, the Honors Committee will select students who show the highest scholastic ability based on grades, written statements of purpose by the candidates, letters of recommendation, and interviews with the candidates. Minimum qualifications of an applicant to be considered by the Honors Committee are:

1. Minimum qualifications for consideration of current students must include:
  - a. college cumulative grade point average of 3.6 or above, with at least 15 semester hours completed at Thomas More College; and
  - b. an interview with the Honors Committee; and
  - c. letters of recommendation.
2. Minimum qualifications for consideration of a high school senior for candidacy must include:
  - a. an ACT composite score of 30 or above, or SAT composite score of 1340 or above; and
  - b. rank in the top ten percent of a high school class; and
  - c. an interview with the Honors Committee; and
  - d. letters of recommendation.
3. Minimum grade point average (cumulative) to remain in the Program:

Honors students must maintain a minimum cumulative grade point average of 3.6 (rounding off from 3.5999 or less is not acceptable) after each semester. If the cumulative grade point average falls below 3.6 after the fall or spring semester, the student is placed on probation for one semester and if the 3.6 GPA has not been reached again by the beginning of the next semester the student becomes ineligible to continue receiving the James Graham Brown Scholarship.

A student who becomes ineligible to remain in the program has the right of appeal to the Honors Committee through the Director of the Honors program.

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## **CENTER FOR ADULT AND PROFESSIONAL EDUCATION**

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### **SERVICES**

The Center for Adult and Professional Education serves adult students who have been out of high school five years or more and are contemplating a return to formal education. Information about the range of educational opportunities and other College services available to the student may be obtained from the Center for Adult and Professional Education at 859-344-3333.

### **COURSE OPTIONS**

A variety of courses are offered through the Center for Adult and Professional Education, including evening, online, weekend, and accelerated courses. This design offers many students who have family, work, and community responsibilities an alternate method of pursuing their education. There are several educational options available to these students, including taking specific credit courses for personal or professional enrichment or pursuing a degree. Master, bachelor, and associate degrees are available. These majors include: Accountancy, Business Administration, Communication, Healthcare Management, Individualized Program, Nursing, and Theology.

Accelerated courses offered in the evenings, online, and on Saturdays are intense learning experiences adapted to an accelerated time frame. These courses cover subjects as thoroughly as traditional courses but follow a different methodology with fewer class contact hours and more self study. Students may combine weekend classes with weekday and evening classes to accelerate their program or pursue additional majors.

### **RECALL**

The **R**eview and **E**valuation of **C**areer and **L**ifelong **L**earning Program (RECALL) is designed to provide college credit for college-level learning gained through life or work experience.

The central principle that underlies the award of credit for prior learning is that what the adult knows is more important than how he or she learned it. If the individual can demonstrate knowledge and skills reasonably comparable to those of a college-trained student, then appropriate credit could be awarded.

RECALL is the translation of learning experiences into the negotiable coin of the academic world, namely, hours of credit. The program attempts to match those things that the academic world values and credits with the skills and qualities that produce success in non-academic careers. The student demonstrates this knowledge through the preparation of a portfolio.

A maximum of 32 credit hours toward a bachelor's degree or 16 toward an associate's degree can be awarded through RECALL. These credits are considered transfer credits and, therefore, become part of the 90 transfer credit hours toward a bachelor's degree or 44 toward an associate's degree. RECALL credits can be applied to the student's major required courses, to the core curriculum requirements, to major elective courses, and to general college elective courses.

A preliminary interview with an advisor from the Center for Adult and Professional Education is required before registration in the Prior Learning Workshop is permitted. If approved, individuals participate in a one-credit hour "Prior Learning Workshop" to learn to identify and document college-level learning and to begin to assemble a portfolio. Upon completion of the workshop, students will prepare their portfolios in a second class "Writing about Professional Experience." The portfolios will then be submitted for evaluation to the respective department. There is an additional fee for the posting of credit if awarded.

**NOTE:** Students declaring a major requiring state or national certification may not benefit from the RECALL program.

## **UNDERGRADUATE DEGREE REQUIREMENTS**

Students must complete the specific academic requirements as listed in this catalogue in order to earn a degree.

### **I. NON-CURRICULAR REQUIREMENTS FOR ALL BACHELOR AND ASSOCIATE DEGREES**

Students must fulfill the following additional requirements to earn a degree from Thomas More College. Students will not receive a diploma or transcript from the College until the following requirements and obligations are met.

- A. A cumulative GPA of at least 2.0 is required for all students. A cumulative GPA of at least 2.0 is also required in the student's major(s).
- B. All core requirements must be taken under the Letter Grading System. All courses listed as requirements for one's major(s) must be taken under the Letter Grading System unless the major department permits otherwise. A minimum of 96 semester hours must be earned under the Letter Grading System for the bachelor's degree, and 48 semester hours for the associate's degree.
- C. To assist the College's efforts in maintaining the quality of its academic program, students are required to participate in all assigned assessment activities. All freshmen in the B.A., B.S., and B.S.N. programs must participate in pre-core assessment testing. Upperclassmen in these same programs must participate in post-core and major field testing to graduate from Thomas More College. Graduating students must score no lower than one standard deviation below the national mean (unless otherwise specified by the policy of the student's major department) in all post-core and capstone major field testing. Students who do not earn the minimum scores must retake the test one time at their own expense to achieve an accurate measurement of the student's ability. Students who expect to graduate at any specific graduation date should ascertain from a faculty advisor in their major field(s) whether a comprehensive or specialized examination is required to complete the major requirements.
- D. Students must fill out the Application for Graduation, obtain approval, and submit to the Registrar's Office by the appropriate deadlines. See section on Graduation Applications.
- E. In addition to the academic and non-curricular requirements for all degrees, students must satisfy all financial obligations to the College before receiving their transcript and diploma.

### **II. CURRICULAR REQUIREMENTS FOR DEGREES AS LISTED ON THE FOLLOWING PAGES:**

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## BACHELOR OF ARTS BACHELOR OF SCIENCE AND BACHELOR OF SCIENCE IN NURSING

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To be eligible for the Bachelor of Arts, Bachelor of Science or Bachelor of Science in Nursing degree, a student must satisfactorily complete 128 credit hours, including the core requirements of the College and the requirements for at least one departmental major, and non-curricular requirements previously noted. Every student is required to demonstrate computer literacy according to the standards established by his or her major department(s).

The Core Requirements of the curriculum are designed to assure that the student receives a liberal education as well as a concentration in a major. The Core enables the student to explore many disciplines before or during a commitment to a major, either discovering new possibilities for career and personal development or acquiring a broad education as a base on which to build a particular career interest and build an interest in lifelong learning.

The Thomas More College Core Curriculum has as its objective to challenge students to examine the ultimate meaning of life, their place in the world and their responsibility to others.

In pursuit of this objective every student is expected to acquire the following skills:

- Effective written and oral communication
- Critical thinking
- Effective use of computer technology
- Understanding laws of nature
- Understanding the human experience and appreciating other cultures
- Artistic awareness and aesthetic judgment
- Understanding the Christian Scripture and acting in an ethical manner

### I. Core Requirements for B.A., B.S., and B.S.N. degrees:

<b>Field</b>	<b>Required Credit Hours</b>	
<b>First Year Seminar:</b> (FYS 150)		3
<b>English:</b>		6
ENG 150, Literature, Writing and Research <b>AND</b> a literature or advanced writing course at the 200 level or above and designated by the English department; see English Department listing		
<b>Mathematics:</b>		3
Any course numbered 121 or higher; see Mathematics Department listing		
<b>Social Science:</b>		6
From among: ECO 105, POS 105, PSY 105, SOC 105		
<b>Communication:</b>		3
From among: COM 105, 204, 207, or 305 (Not required of Pre-Engineering, Nursing, and Medical Laboratory Science majors.)		
<b>World Civilizations:</b> HIS 101-102		6
(Education majors may take <i>either</i> HIS 101 <i>or</i> HIS 102.)		
<b>Foreign Language:</b>		3-6
Two semesters in the same language at either the 101/102, 111/112, or the 201/202 level; or one semester at the 255 level or higher (Not required of Nursing majors)		
<b>Natural Science:</b>		6-7
Two courses, each one from a different department (Biology, Chemistry or Physics); one course must have a laboratory component		
<b>Theology:</b>		6
One course in Sacred Scripture from among: THE 205, 207, 305, or 306; One course in Systematic Theology from among: THE 201, 218, 219, 309, 317, 405 or 406 (Nursing Majors substitute THE 308)		

<b>Philosophy:</b>	6
One course in Epistemology & Metaphysics from among: PHI 205, 220, 225, 307, 325, 327, 330, 337, or 401;	
One course in Values & Ethics from among: PHI 215, 230, 235, 307, 337, or 417	
<b>Fine Arts:</b>	5-6
Chosen from Art, Dance, Theatre, Music, or certain specified English courses (Medical Laboratory Science majors are required to complete 2-3 credits)	
<b>Theology:</b> THE 425, Social Issues	3
(Not required of Medical Laboratory Science and Pre-Engineering majors)	
<b>TOTAL CORE CREDITS:</b>	<b>56-61</b>

## II. Major and Supporting Courses

Students must fulfill all requirements for a major as determined by at least one department. Many students have the opportunity to fulfill the requirements for two majors. The College encourages the student to identify his/her major(s) as soon as possible in order to permit completion in the normal period of time. An approved student-initiated major which is multidisciplinary and includes a minimum of 36 semester hours earned in courses from several departments may be substituted for a major with the approval of the Vice President for Academic Affairs.

## III. First-Year Seminar Program

All first time freshmen who have been out of high school less than five years and have transferred no more than eleven credit hours from another accredited institution to Thomas More College are enrolled in the First-Year Seminar as one of their academic courses during their first semester. Faculty from across the curriculum offer an interesting array of seminar topics, each centered on a particular area of study. By incorporating into the seminar issues and problems particular to the college freshmen, the First-Year Seminar provides a very effective method for introducing the student to college level learning and experiences. Research and study methods as well as time management and college adjustment are part of every course. Students in the seminar are offered a full program of diverse lectures and activities on campus to enrich their college experiences during the crucial first semester.

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**BACHELOR OF ELECTED STUDIES  
AND  
BACHELOR OF BUSINESS ADMINISTRATION**

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The Bachelor of Elected Studies and the Bachelor of Business Administration degrees are designed for adult students who bring to their college study a wealth and variety of learning experiences together with a specific educational purpose. To be eligible for the Bachelor of Elected Studies or Bachelor of Business Administration degree, a student must satisfactorily complete 128 credit hours, including the core requirements of the College and non-curricular requirements previously noted. Every student is required to demonstrate computer literacy according to the standards established by his or her major department(s).

**I. Core Requirements for B.E.S. and B.B.A. Degrees:**

<b>Field</b>	<b>Required Credit Hours</b>
<b>English:</b>	6
ENG 150 Literature, Writing & Research <b>AND</b> any literature or advanced writing course ( <i>i.e.</i> Creative Writing, Advanced Composition) at the 200 level or above and designated by the English department; see English Department listing	
<b>Social Science:</b> From among: ECO 105, POS 105, PSY 105, SOC 105	3
<b>Mathematics:</b> MAT 121 or higher	3
<b>World Civilizations:</b> HIS 101-102	6
<b>Communication:</b> From among: COM 105, 204, 207, or 305	3
<b>Theology:</b> From among: THE 201, 205, 207, 218, 219, 305, 306, 309, 317, 405, 406 or 425	3
<b>Philosophy:</b> Any course except PHI 105	3
<b>Natural Science:</b> One course from Biology, Chemistry, or Physics (lab optional)	3-4
<b>Fine Arts:</b> From Art, Dance, Theatre, Music and certain specified English courses	2-3
<b>TOTAL CORE CREDITS:</b>	<b>32-34</b>

**NOTE:** For the B.E.S., it is recommended that the requirements in English, Social Science and World Civilizations be completed within the first 30 hours taken at the College, that the requirement in Natural Science be completed within 60 hours at the College, and that the requirements in Theology, Philosophy and Fine Arts be completed within 90 hours at the College.

**II. Majors**

No major is required for the Elected Studies degree but students may earn one or more selected majors by fulfilling departmental and College requirements for the majors they choose. If no major is declared, students should work with an advisor to develop an individualized program which includes specific courses that are in harmony with their interests, abilities, and career goals. Individualized Program students will be required to complete CIS 111 to demonstrate computer literacy. Students are encouraged to declare their intention to pursue an Elected Studies program within the first thirty hours of being admitted or re-admitted to the College. The B.B.A. program requires a major in Business Administration.

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## ASSOCIATE OF ARTS AND ASSOCIATE OF ELECTED STUDIES

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To be eligible for the Associate of Arts degree or the Associate of Elected Studies degree a student must satisfactorily complete 64 credit hours, including the core requirements of the College and the requirements for at least one departmental major, and non-curricular requirements previously noted. The Associate of Elected Studies degree is designed for adult students who bring to their college study a wealth and variety of learning experiences together with a specific educational purpose. As the student consults with the academic advisor, an individualized program which may closely fit personal and career related goals can be developed. Every student is required to demonstrate computer literacy according to the standards established by his or her major department(s).

### I. Core Requirements for A.A.:

Field	Required Credit Hours
<b>English:</b> ENG 150 Literature, Writing & Research	3
<b>Mathematics:</b> Any course numbered 121 or higher; see Mathematics Department listing.	3
<b>Social Science:</b> From among: ECO 105, POS 105, PSY 105, SOC 105	3
<b>Communication:</b> From among: COM 105, 204, 207, or 305	3
<b>World Civilizations:</b> HIS 101-102	6
<b>Theology:</b> From among: THE 201, 205, 207, 218, 219, 305, 306, 309, 317, 405 or 406	3
<b>Philosophy:</b> any course except PHI 105	3
<b>Natural Science:</b> One course from Biology, Chemistry, or Physics (lab optional)	3-4
<b>Fine Arts:</b> From Art, Dance, Theatre, Music or certain specified English courses	2-3
<b>TOTAL CORE CREDITS:</b>	<b>29-31</b>

### II. Major and Supporting Courses

The student must fulfill all requirements for the associate major as determined by a department.

### I. Core Requirements for A.E.S. Degree:

Field	Required Credit Hours
<b>English:</b> ENG 150 Literature, Writing & Research	3
<b>Social Science:</b> From among: ECO 105, POS 105, PSY 105, SOC 105	3
<b>World Civilizations:</b> HIS 101 or 102	3
<b>Communication:</b> From among: COM 105, 204, 207, or 305	3
<b>Theology or Philosophy:</b> One course from among: THE 201, 205, 207, 218, 219, 305, 306, 309, 317, 405, 406, or any Philosophy course except PHI 105	3
<b>Natural Science:</b> One course from Biology, Chemistry, or Physics (lab optional)	3-4
<b>TOTAL CORE CREDITS:</b>	<b>18-19</b>

### II. Majors

No major is required for the Elected Studies degree, but students may earn one or more selected associate majors by fulfilling departmental and College requirements for the associate majors they choose. If no major is declared, students should work with an advisor to develop an individualized program, which includes specific areas of concentration that are in harmony with their interests, abilities, and career goals.

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## ACCOUNTANCY

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The goal of the Department of Accountancy is to provide students with a broadly oriented education with special attention devoted to the functions, theory and practice of accounting as related to contemporary society. As such, the accountancy curriculum prepares students for positions in public accounting, industry, the government, and the not-for-profit sector. The curriculum meets the course requirements in accountancy and business administration recommended by professional organizations and mandated by many State Boards of Accountancy.

The Accountancy Department has several flexible educational options available for students planning to sit for the Uniform CPA Examination. These options include: entering Thomas More College's MBA program upon receipt of the undergraduate accounting degree; selecting an additional undergraduate major field of study; pursuing one or more associate's degrees; or choosing a variety of elective courses tailored to specific career goals. Students should consult with the department chairperson early in the program to determine the plan of study best suited to their needs. The Department also actively supports the CMA, CIA and other professional certifications. Interested students should contact the department chairperson for additional information. The Accountancy Department encourages all accountancy majors to participate in the Co-op Program to gain valuable practical experience prior to graduation.

### REQUIREMENTS FOR BACCALAUREATE MAJOR IN ACCOUNTANCY

- Accountancy (36 hours): ACC 101, 102, 201, 202, 301, 302, 311, 312, 401, 402, 420, 422 (ACC 101, 102 should be taken in the Freshman year)
- Business Administration (21 hours): BUA 291, 292, 301, 302, 311, 321, 341
- Economics (3 hours): ECO 105
- Mathematics (7 hours): MAT 143 and statistics (BUA 249 or MAT 205 recommended)
- Psychology (3 hours): PSY 105
- Philosophy (3 hours): PHI 215C: Business Ethics
- Computer Literacy (3 hours): CIS 111 or equivalent

### REQUIREMENTS FOR ASSOCIATE MAJOR IN ACCOUNTANCY

- Accountancy (18 hours): ACC 101, 102, 201, 202, plus 6 hours of departmental electives

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## ART

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The bachelor's degree in Art provides a program that leads toward the development of artistic awareness, aesthetic judgment, critical analysis, technical competence and artistic quality. The broad based program prepares students for immediate goals in studio art, art education or graphic design, and a long term goal of continuing personal and creative growth.

The major in Art History is linked with both the studio art classes and other courses in the humanities. Majors engage in survey type courses in European and American Art as well as a survey in the history of photography. Seminar classes offer more focused studies in a specific area. Art History students also experience art making with studio courses in drawing, printmaking, painting color theory and design. Humanities electives in history, philosophy, languages and literature serve to provide a deeper understanding about various periods in art history and provide cross cultural connections.

The Art Department embraces the following objectives:

- 1) to develop visual as well as spoken and written communication skills;
- 2) to develop a capacity for critical thinking, imagination and innovation;
- 3) to instill a sense of personal and social responsibility;
- 4) to develop competence in the student's preferred field of emphasis;
- 5) to familiarize the student with the major achievements in the history of art, including the works and intentions of leading artists in the past and present; and
- 6) to assist the student in achieving greater understanding of the creative process.

### REQUIREMENTS FOR BACCALAUREATE MAJOR IN ART

- Foundation Courses: Studio (36 hours): ART 116, 117, 118, 146, 215, 216, 321, 416; Art History (9 hours): ART 251, 252, 353; ART 366 or 367, which also fulfills the computer literacy requirement
- Art majors are required to participate in a *Sophomore Portfolio Review* as a way to assess their progress in the foundation courses and to help them decide their area of emphasis. Portfolios are reviewed at

the end of the spring semester during the sophomore year, or when foundation courses are finished.

- Area of Concentration selected from:
  - i) **Studio Art** (15 hours): ART 311, 315, 316, 322 and one of the following Art electives: 119, 121, 231, 241, 325, 366, 421
  - ii) **Graphic Design** (18 hours): ART 265, 266, 360, 361, 461 and one of the following ART electives: 241, 268, 366, 367
- Senior Thesis Exhibit: Seniors are expected to present a showing of their work at the end of their senior year. The Thomas More Gallery is reserved for the senior exhibition the last week of April through graduation.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN ART HISTORY**

- Art History (30 hours): ART 125, 251, 252, 272 or 273, 466; 15 hours of electives from among ART 152, 256, 257, 268, 350, 352, or special topics courses in Art History
- Studio Art (8-9 hours): from among ART 101, 116, 117, 146, 215, 231, 321
- Recommended: PHI 230, FRE 201 or 201, Study Abroad course related to Art
- Computer Information Systems: CIS111, ART 248 or other computer based art course

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN ART**

- Foundation Courses: ART 101 or ART 215, 117; at least one Art History course
- Area of Concentration selected from:
  - i) **Studio Art** (9 hours): any art studio courses
  - ii) **Graphic Design** (9 hours): ART 266, 269, 366

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN ART HISTORY**

- ART 125, 251, 252 and 9 hours of electives in Art History. Students also pursuing the BA in ART must complete 12 hours of electives in addition to the B.A. requirement in Art History. The Art History degree also requires completion of a research paper of sizable length either as a course or as an Independent Study project.

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## **BIOLOGY**

The curriculum in Biology, formulated according to both classical and contemporary biological concepts, prepares the student for continuing intellectual growth and professional development in the life sciences.

The major program in Biology meets the requirements for dental, medical, veterinary, and other medically-related programs. Students interested in pursuing any of these programs should consult the pre-medical advisor.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN BIOLOGY**

- Biology core (22 hours): BIO 101/101L, 102/102L, 202/202L (or 211/211L and 212/212L), 205/205L, 206/206L, 489
- Biology electives (16 hours): four 4-hour electives (level 300 or above) other than BIO 400 with at least one chosen from each of the following three categories:
  - A. Cellular and Molecular Biology: BIO 317/317L, 319/319L, 326/326L, 330/330L, 341/341L
  - B. Organismic Biology: BIO 301/301L, 305/305L, 315/315L, 329/329L, 340/340L
  - C. Ecological Biology: BIO 308, 309, 318/318L, 325/325L, 328/328L, 350/350L
- Chemistry (16 hours): CHE 111/111L, 113/113L, 220/220L, 240/240L
- Mathematics (7 hours): MAT 143, 205
- Physics (8 hours): PHY 121/121L, 122/122L
- Computer Information Systems (3 hours): CIS 111
- No Biology major may graduate with more than one 'D' in a Biology (BIO) course required for the major

#### **Requirements for a Concentration:**

Concentrations may be obtained in each of the following categories:  
Cellular and Molecular Biology, Organismic Biology, and Ecological Biology

- Biology core (22 hours): BIO 101/101L, 102/102L, 202/202L (or 211/211L and 212/212L), 205/205L, 206/206L, 489
- Biology electives (26 hours): Six 4-hour electives, including four designated 4-hour electives (level 300 or above) from the category in which the area of concentration is to be obtained and an additional 4-hour elective from each of the remaining categories, and one 2-4 hour BIO elective from among biology courses, independent study, readings, or approved Co-op experience
- Chemistry (16 hours): CHE 111/111L, 113/113L, 220/220L, 240/240L
- Mathematics (7 hours): MAT 143, 205
- Physics (8 hours): PHY 121/121L, 122/122L
- Computer Information Systems (3 hours): CIS 111
- No Biology major may graduate with more than one 'D' in a Biology (BIO) course required for the major

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN BIOLOGY**

- Biology (23 hours): BIO 101/101L, 102/102L, 202/202L (or 211/211L and 212/212L), 205/205L, 206/206L, and one BIO300 level 4-credit hour elective or 4 hours of BIO400 (Independent Study and research).
- No Biology major may graduate with more than one 'D' in a Biology (BIO) course required for the major

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## **BUSINESS ADMINISTRATION**

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Thomas More College prepares students to be skilled, confident professionals through its Business Administration program. The Kohlhepp Business Administration Center, along with skilled faculty, provides the resources for success.

The Business Administration curriculum for undergraduate degrees is intended to prepare students for management careers in business, the non-profit sector, and government. Effective management requires wisdom in making moral and ethical judgments, skill in scientific analysis of problems, and the capacity to lead and motivate others in order to reach agreed upon objectives. The curriculum requires students to deal with each of these areas in an integrated way. Experience can be gained through participation in co-op, practicum and internships.

Various degree options and delivery system options are provided. This allows for better matching the needs of students with the program. The content for the major is the same within each bachelor option and within each associate option.

The Bachelor of Business Administration in Health Care Management curriculum blends academic theory with the multidisciplinary principles, policies and practices that support the dynamic health services industry. The degree is designed to prepare students for a variety of career and leadership opportunities or graduate study in the global and ever-changing complex health services arena. Students will be equipped with a liberal arts background that emphasizes critical thinking, leadership, communication and technical content knowledge while integrating health management, business, public health policy and research skills.

The Associate of Elected Studies in Management curriculum provides an avenue for the adult student with little or no college experience to complete a degree at the associate and/or bachelor level in an accelerated format.

#### **REQUIREMENTS FOR BACHELOR OF ARTS IN BUSINESS ADMINISTRATION**

*Applicable to students with either traditional or DCE admission.*

- Accountancy (6 hours): ACC 101, 102
- Business Administration (36 hours): BUA 105, 249, 291, 301, 302, 305, 311, 321, 331, 341, 405, 498
- Computer Information Systems (3 hours): CIS 111
- Economics (6 hours): ECO 105 and an Economics elective
- Mathematics (4 hours): MAT 143
- Area of Concentration (9 hours): Students may select from within the Department of Business Administration: Management/Human Resources, Marketing, Finance, Business Law, Operations Management and Quantitative Analysis. Areas of emphasis from other departments may also be chosen. These include Accountancy, Computer Information Systems, International Studies, Economics, and/or another approved area. Selection is made prior to the junior year and is

subject to approval by the student's advisor and the chairperson of the Department of Business Administration.

- 1) Management: BUA 307, 313; one of the following: BUA 303, 306, 314, 403, 406 or 407
  - 2) Human Resource Management: BUA 303, 403; one of the following: BUA 306, 307, 313, 314, 406 or 407
  - 3) Marketing: BUA 416, 417; one of the following: BUA 315, 316, 317, 318, 319, 415, SEM 410
  - 4) Finance: BUA 325, 350; one of the following: ACC 311, ECO 205, 216 or 218
  - 5) Business Law: BUA 292; two of the following: BUA 306, 406, 407, POS 425, ACC 312
  - 6) Operations Management: BUA 435; BUA 306 or appropriate courses from Computer Information Systems and/or Mathematics as approved by the Chairperson
  - 7) Sports and Entertainment Marketing: three of the following: SEM 310, 380, 410, 420
  - 8) Quantitative Analysis: Students interested in the option should choose it no later than the second semester of the first year. A custom package of existing mathematics, business, and computer information systems courses will be designed to accommodate the student. Approval of chairperson is required.
  - 9) Student Designed: Some students may have career goals or other situations for which the above areas are not entirely suitable. Such students may design an area of concentration suited to their needs in conjunction with their advisor and with the approval of the Chairperson. Existing courses from Thomas More College and the Greater Cincinnati Consortium of Colleges and Universities must be used. A brief proposal must be submitted stating the objectives that the area of concentration is designed to help the student achieve, each course and its description, the contribution of each course to achieving the stated objectives, the projected enrollment date for each course, and other such information that may be useful in evaluating the proposal. The student's advisor should be consulted for assistance in both designing the area of concentration and preparing the proposal.
- Course Sequence: ACC 101, 102, BUA 105, CIS 111, ECO 105 and MAT 143 should be taken in the freshman year. BUA 249, 301, 302, and 341 should be taken in the sophomore year. BUA 291, 311, 321 and 331 should be taken in the junior year. BUA 405 and 498 should be taken in the senior year. The core requirement in Speech should be delayed until a later date by students having to make up mathematics deficiencies as determined by the Math Placement Test. Business majors may not use economics to fulfill the core requirement in Social Science. Business majors are advised to take two laboratory courses in fulfilling their core requirement in Natural Science.

#### REQUIREMENTS FOR BACHELOR OF BUSINESS ADMINISTRATION

##### 1. Accelerated degree completion option *(Applicable only to students with TAP admission)*

The accelerated degree completion option is offered to students through Thomas More Accelerated Programs (TAP). The program delivery system is unique with courses offered as a highly integrated package to students progressing through the program in cohorts. Current Thomas More College students should consult with a TAP advisor as early as possible if planning to transfer to TAP. This will ensure a smooth transition and compliance with transfer regulations.

- Prerequisites: 48 hours or completion of TAP AES program; pre-requisite course work of ECO 105 and GEC 096 or the equivalent; and significant employment experience
- Accountancy (4 hours): ACC 210
- Business Administration (47 hours): BUA 201, 245, 291, 301, 302, 305, 307, 311, 321, 331, 345, 405, 417, 450, 498
- Economics (3 hours): ECO 206
- Philosophy (3 hours): PHI 215C
- The computer literacy requirement is met through coursework within the BBA curriculum.

##### 2. Standard option *(Applicable only to students with DCE admission)*

- Accountancy (6 hours): ACC 101, 102
- Business Administration (36 hours): BUA 105, 241, 249, 291, 301, 302, 311, 321, 331, 341, 405, 498
- Computer Information Systems (3 hours): CIS 111
- Economics (6 hours): ECO 105 and an ECO elective
- Area of Emphasis (9 hours) See item f. above in the Bachelor of Arts section

### **REQUIREMENTS FOR BACHELOR OF BUSINESS ADMINISTRATION IN HEALTH CARE MANAGEMENT**

*Applicable only to students with TAP admission*

- Students will be required to maintain a minimum 2.75 cumulative GPA to continue matriculation into upper level courses.
- Prerequisites: 48 hours or completion of TAP AES program; pre-requisite course work of ECO 105 and GEC 096 or the equivalent; and significant employment experience
- Accountancy (4 hours): ACC 210
- Business Administration (38 hours): BUA 201, 245, 291, 301, 302, 305, 307, 311, 321, 331, 345, 450
- Health Care Management (18 hours): HCM 330, 370, 410, 420, 480, 498
- Economics (3 hours): ECO 206
- Philosophy (3 hours): PHI 215C
- The computer literacy requirement is met through coursework within the BBA curriculum.

### **REQUIREMENTS FOR ASSOCIATE MAJOR IN BUSINESS ADMINISTRATION**

*The A.A. is available to students with either traditional or CAPE admission. The A.E.S. is only available to students with CAPE admission.*

- Accountancy (6 hours): ACC 101, 102
- Business Administration (12 hours): BUA 105, 291, 301, 302
- Economics (6 hours): ECO 105 and an Economics elective
- Computer Information Systems (3 hours): CIS 111
- Business majors may not use ECO 105 to fulfill the core requirement in Social Science.

### **REQUIREMENTS FOR ASSOCIATE OF ELECTED STUDIES IN MANAGEMENT**

*The A.E.S. is only available to students with TAP admission.*

- Business Administration (29 hours): BUA 104, 106, 107, 108, 204, 207, 261, 263, 264
- Supporting Courses (3 hours): ECO 105
- Management majors may not use ECO 105 to fulfill the core requirement in Social Science.

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## **CHEMISTRY**

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The Chemistry Department offers a challenging program of study providing the student with a strong foundation in the basic areas of chemistry necessary to pursue advanced study in graduate or professional school. The Chemistry program allows the student majoring in Chemistry the opportunity to earn a bachelor's or associate's degree, other science majors to broaden the scope of their knowledge and increase their potential as scientists, and non-science majors to satisfy the general core requirements. The Department highly recommends a second major or an associate's degree in any of the following areas: Biology, Business Administration, Computer Information Systems, Criminal Justice, Economics, Mathematics and Physics. The Chemistry Department also offers a bachelor's degree in Forensic Chemistry. (See the section on Forensic Science.)

### **REQUIREMENTS FOR BACHELOR OF SCIENCE IN CHEMISTRY**

- Chemistry (42 hours): CHE 111/111L, 113/113L, 220/220L, 240/240L, 301, 304, 313/313L, 314/314L, 358/358L, 385, 411-412 (3 hours), 415/415L, and 2 hours of advanced topics
- Supporting Courses (22 hours): PHY 141/141L, 142/142L; MAT 151, 152, 201
- MAT 202 is strongly recommended
- Computer Literacy: (3 hours): CIS 111 or Departmental Computer Literacy Test
- A student seeking a degree in Chemistry must earn a grade of C or above in all Chemistry courses

### **REQUIREMENTS FOR BACHELOR OF ARTS IN CHEMISTRY**

- Chemistry (37 hours): CHE 111/111L, 113/113L, 220/220L, 240/240L, 301, 313/313L, 415/415L; 12 hours of electives from among: CHE 304, 314/314L, 330/330L, 358/358L, 370, 385/385L, 411, 412, 425, 435
- Supporting Courses (18 hours): PHY 141/141L, 142/142L or 121/121L, 122/122L; MAT 151, 152
- Computer Literacy (3 hours): CIS 111 or Departmental Computer Literacy Test
- A student seeking a degree in Chemistry must earn a grade of C or above in all Chemistry courses

### REQUIREMENTS ASSOCIATE MAJOR IN CHEMISTRY

- Chemistry Courses (23 hours): CHE 111/111L, 113/113L, 220/220L, 240/240L, and at least seven hours of CHE courses at the 300 level or higher
- Supporting Courses (12 hours): 6 credit hours in MAT (not including MAT 115, 121, 122, 125); CIS 111; and an additional 3 credit hours in Science, Mathematics, or Computer Information Systems approved by the Chairperson of the Chemistry Department. If the Departmental Computer Literacy Test is passed, then an additional Science or Mathematics course may be substituted for the Computer Information Systems course.
- A student seeking a degree in Chemistry must earn a grade of C or above in all Chemistry courses

### PRE-PROFESSIONAL PROGRAMS

The major program in Chemistry is easily adapted to meet the requirements of medical, dental, and veterinary schools. Several options are also available for adapting the program to further study Chemical and Metallurgical Engineering and Material Science at the undergraduate and graduate levels. Consult the chairperson of the Chemistry Department for more details.

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## COMMUNICATION

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The academic programs in Communication prepare students for graduate school, business, teaching, public relations, media and other related careers. Students, in consultation with Communication faculty, build upon the required Communication coursework with the use of electives, independent studies, co-ops, internships, interdisciplinary coursework and consortium courses to develop focused concentrations in general communication, communication-theatre, mass media, public relations, and speech education. Any student interested in coursework relating to these concentrations should speak with a faculty member about how the degree in Communication may facilitate the achievement of his or her specific educational and career goals.

Communication students are encouraged to explore Communication internships and co-op experiences as a part of their program study.

### REQUIREMENTS FOR BACCALAUREATE MAJOR IN COMMUNICATION

- Communication (33 hours): COM 201, 215, 225, 290, 320, 325, 370, 435, 450, 460, 490
- Communication electives (12 hours): With approval of the departmental chairperson the student may substitute two courses from another department as electives.
- Computer Literacy (3 hours): CIS 111

### REQUIREMENTS FOR BACHELOR OF ELECTED STUDIES IN COMMUNICATION

*(Applicable only to students with TAP admission)*

- Prerequisite: 48 completed hours or completion of the 30 hour management sequence with TAP
- Communication (48 hours): COM 201, 210, 215, 225, 310, 317, 318, 320, 325, 361, 370, 403, 420, 435, 460, 490

### REQUIREMENTS FOR BACCALAUREATE MAJOR IN COMMUNICATION AND THEATRE

- 48 hours (30 hours in area concentration; 18 in the other).  
**Concentration in Theatre:**
  - Theatre (30 hours): THR 105, 206, 207, 301, 302, 401, 402, 425; 6 hours electives
  - Senior year: Comprehensive Examination and/or Senior Experience
  - Communication Component (18 hours): COM 105, 201, 215, 225, 320, 460
  - Computer Literacy (3 hours): CIS 111**Concentration in Communication:**
  - Communication (30 hours): COM 105, 201, 215, 225, 320, 331, 460; 9 hours electives
  - Theatre Component (18 hours): THR 105, 206, 401, 402, 6 hours electives; or THR 105, 206, 401 plus 9 hours of electives determined by the director
  - Computer Literacy (3 hours): CIS 111

### REQUIREMENTS FOR BACCALAUREATE MAJOR IN COMMUNICATION/SPORTS AND ENTERTAINMENT MARKETING

- Communication (30 hours): COM 105, 201, 215, 225, 320, 450, 460; Communication electives 9 hours
- Sports and Entertainment Marketing (18 hours): SEM 310, 380, 392, 410, 420, 498

- Supporting Courses (28 hours): BUA 105, 291, 249, 311; ACC 101, 102; ECO 105, ECO elective; MAT 143
- Computer Literacy (3 hours): CIS 111

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN COMMUNICATION**

- Communication (21 hours): COM 201, COM 450 or 460; Communication electives 15 hours

## **COMPUTER INFORMATION SYSTEMS**

Computer Information Systems has emerged as a professional discipline in recent years and the importance of computer technology in science, business and our daily lives is well recognized. The program is structured to prepare students for graduate school or employment in the business sector. The program emphasizes skills and professional practice set in the context of an integrated liberal arts education. An optional cooperative educational program is available to provide additional related experience. Programs with dual majors in Accounting, Business and Mathematics are encouraged.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN COMPUTER INFORMATION SYSTEMS**

- Core Courses (36 hours): CIS 113, 114, 211, 212, 226, 231, 267, 314, 336, 341, 342; Senior Seminar: 1 – 3 hours of CIS 410 and 411 are both required for a minimum total of 3 hours
- Computer Information Systems Electives (12 hours): Students must complete 12 hours of electives and at least 6 hours must be at the 300 or 400 level. These electives may include 6 hours of Co-op in an approved computer related field and/or up to 6 hours of approved substitutes from Mathematics. CIS 348 is not an option for an elective.
- Math Requirement (7 hours): MAT 143 and 205 or associate's degree in Mathematics
- Associate's degree in Web Design, Business Administration, Accounting, Economics or Mathematics
- No major may graduation with a 'D' in any Computer Information Systems or Math course required for the major.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN COMPUTER INFORMATION SYSTEMS**

- Core Courses (25 hours): MAT 143; CIS 113, 126, 267, 231, 336; and one of the following pairs of programming language courses: CIS 211 and 212, or CIS 114 and 314, or CIS 341 and 342
- No major may graduation with a 'D' in any Computer Information Systems or Math course required for the major.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN WEB DESIGN**

- Computer Information Systems courses (24 hours): CIS 111 or 113; CIS 241 or 267; CIS 240, 247, 248, 341, 342, and 348
- Art (6 hours): ART 101 or 215; ART 266
- No major may graduation with a 'D' in any Computer Information Systems course required for the major.

## **CRIMINAL JUSTICE**

The goal of the Department of Sociology and Criminal Justice is to contribute to the intellectual growth and empowerment of majors and the student body as a whole. This goal is realized by offering students opportunities to promote this growth both in and around the classroom. Particularly, the student will explore the relationships between society, culture, and self in preparation to contribute to the disciplines' humanitarian mission in the future positions of responsibility (such as, citizen, family member, employee/employer, government official, and/or graduate student). The departmental curriculum is geared toward flexibility, thus allowing the student to tailor coursework around interests and career aspirations, be they roles in the non-profit sector, research, government, human/community service, business, graduate education, or others.

Students who are Criminal Justice majors must maintain a 2.50 grade point average. Majors must meet this requirement in both their major courses and their overall classes. If a student does not meet either of these grade point average standards, the department reserves the right to suspend their declaration of major. Similarly, any major who does not meet these requirements by their matriculation will not be recommended for candidacy for graduation by the departmental chair. Those students who do not meet these requirements in any given semester are required to meet with the Chair of the Department at the beginning of the following semester to discuss appropriate course of action.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN CRIMINAL JUSTICE**

- Criminal Justice (36 credit hours): CRJ 101, 225, 311, 401, 409; 21 hours of departmental electives
- Sociology (6 credit hours): SOC 105; 216 or 217
- Supporting Courses (9 hours): MAT 208 or PSY 201; PSY 105 or ECO 105 or POS 105; one elective from among PSY (not 105), ECO (not 105), POS (not 105), HIS (not 101 or 102), or COM (not 105, 204, 207, or 305) courses
- Students in the Criminal Justice program fulfill the core requirement in computer literacy by demonstrating proficiency in preparing the results of their research project.
- Students must maintain a 2.5 grade point average – see statement above.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN CRIMINAL JUSTICE**

- Criminal Justice (18 credit hours): CRJ 101, 225; 12 hours departmental electives
- Sociology (6 credit hours): SOC 105; 216 or 217
- Supporting Courses (3 hours): PSY 105 or ECO 105 or POS 105
- Students must maintain a 2.5 grade point average – see statement above.

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## **ECONOMICS**

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The Department of Economics seeks to provide a purposeful analytical approach to society's allocation of scarce resources tempered by ethical and institutional considerations. The curriculum is designed so as to allow the student, in consultation with the academic advisor, to tailor a program according to his/her long range goals; e.g. graduate study, professional study, law, or a career in economics, finance, or banking. To facilitate a focused program of study, the student may choose to pursue a major in economics with a concentration in political economy and government, or a major in economics with a concentration in finance.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN ECONOMICS**

- Economics (24 hours): ECO 105, 206, 215, 216, 481; 9 hours departmental electives
- Business Administration (6 hours): BUA 249, 341
- Mathematics (4 hours): MAT 143
- Computer Information Systems (3 hours): CIS 111
- Supporting Studies (21 hours): selected from Business Administration, Computer Information Systems, Mathematics, or other approved areas. Selection is subject to the approval of the academic advisor and the departmental chairperson.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN ECONOMICS**

##### **Concentration in Political Economy and Government**

The major is intended for individuals interested in either academic or policy-making careers requiring both economics and political science. Typically, these individuals have interests that require mastery of several academic disciplines.

- Economics (24 hours): ECO 105, 206, 215, 216, 481; nine hours department electives chosen from ECO 238, 260, 305, 306, 310, 355, or 455
- Business Administration (6 hours): BUA 249, 341
- Mathematics (4 hours): MAT 143
- Computer Information Systems (3 hours): CIS 111
- History (3 hours): HIS 349 (cross-listed as ECO 349)
- Political Science (9 hours): POS 105; six hours departmental electives from POS 215, 230, 335, 370
- Philosophy (3 hours): PHI 235 or 327 (fulfills part of the core requirement in Philosophy)
- Supporting Studies (6 hours): from Computer Information Systems, History, Political Science or International Studies

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN ECONOMICS**

##### **Concentration in Finance**

This major maintains the liberal arts core of the Economics major while also providing students with coursework emphasizing finance, including risk analysis, financial analysis, corporate financial management and related topics. This concentration prepares graduates for career opportunities in financial services, banking and insurance.

- Economics (24 hours): ECO 105, 205, 206, 215, 216, 218, 325, 481
- Business Administration (9 hours): BUA 249, 321, 341
- Accountancy (6 hours): ACC 101, 102

- Mathematics (4 hours): MAT 143
- Computer Information Systems (3 hours): CIS 111
- Supporting Studies (12 hours): Selected from Business, Mathematics, Computer Information Systems or other approved areas. Selection is subject to approval from the academic advisor and departmental chairperson.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN ECONOMICS**

- Economics (18 hours): ECO 105, 215, 216; 9 hours of Economics electives
- Computer Information Systems (3 hours): CIS 111
- Business Administration (6 hours): BUA 249, 341
- Mathematics (4 hours): MAT 143

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN ECONOMICS**

##### **Concentration in Finance**

- Economics (18 hours): ECO 105, 206, 215, 216, 218, 325
- Business Administration (9 hours): BUA 249, 321, 341
- Accountancy (6 hours): ACC 101, 102
- Mathematics (4 hours): MAT 143
- Computer Information Systems (3 hours): CIS 111

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## **EDUCATION**

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The Education Department of Thomas More College carries out the mission of the College by preparing individuals for initial entry into the teaching profession and related educational endeavors. Faculty members of the Education Department strive to provide superior teaching and scholarship in order to foster learning environments in which individuals can develop the knowledge, dispositions, values and skills required to help all students learn. Consistent with the mission of the College, education graduates are expected to be effective, proactive members of the teaching profession who practice lifelong learning, reflection and service to diverse constituencies; and who honor Christian values. Graduates are expected to be leaders among those with whom and for whom they work. Our vision statement, *The Teacher as Leader in a Learning Community*, summarizes the purposes and goals of our education programs.

The Teacher Education Program at Thomas More College for bachelor majors combines classroom learning with field experience. The elementary (P-5), middle school (5-9), and secondary (8-12) preparation programs comply with the Kentucky Department of Education standards for certification. Candidates in Education are carefully selected and are given every opportunity to develop in the fields for which they have the greatest aptitude.

In accordance with Kentucky regulations, the Education Department of Thomas More College conducts a thorough program of selection, admission, and retention. This process is designed to ensure that those candidates who advance into the teaching profession will have a successful and rewarding career.

Certification in Kentucky, as well as other states, requires a bachelor's degree from an approved teacher education institution; successful performance of professional tasks and development of a professional portfolio demonstrating fulfillment of Kentucky's and Thomas More College's Teacher Standards; and passing scores on the PLT and Praxis II exams. Information about registration and testing sites is online at [www.ets.org/praxis](http://www.ets.org/praxis).

#### **REQUIREMENTS FOR PARTICIPATION IN FIELD EXPERIENCE**

According to State regulations, documentation of a tuberculosis screening test showing negative results must be submitted to qualify for participation in any form of field experience: observations, aide work, clinical field experience, student teaching.

All Education majors are required to complete VIRTUS training prior to beginning service in EDU 101/201. VIRTUS is a program of education to promote the safety of children and prevent child sexual abuse. Training is sponsored by the Diocesan Catholic Board of Education. Dates and locations of training are published in the diocesan *Messenger* and other diocesan publications.

## ADMISSION TO THE TEACHER EDUCATION PROGRAM

Continuous assessment is conducted by the faculty of the Education Department and other selected faculty. In compliance with regulations promulgated by the Kentucky Educational Professional Standards Board, the admission process at Thomas More College proceeds as follows:

1. General Academic Proficiency: Kentucky Standards for Admission to Teacher Education state: Successful completion of the following pre-professional skills assessments of basic knowledge [PPST, Praxis I Tests] administered by the Educational Testing Service with corresponding minimum scores: Mathematics (#0730/5730) – 174; Reading (0710/5710) – 176; Writing (0720/5720) – 174.
2. Speech Proficiency: A grade of B or better in one of the following: COM 105, 204, 207, 305.

Candidates taking the Praxis I PPST tests are encouraged to begin in the second semester of the freshman year. Candidates needing remediation are advised to utilize available resources, including the Thomas More College Speech Lab, Writing Center, Math Center, and tutorial programs.

3. Dispositions to Teach: Teachers not only facilitate their students' intellectual growth, but also influence overall personal development. Therefore, teacher candidates must demonstrate essential dispositions such as acceptance of others, a capacity for empathy, and a belief in the ability of every child to learn. To this end, candidates' behavior and oral and written expressions are observed by Education faculty in classroom interactions, assignments, advising sessions and out-of-class situations. The Teacher Education Committee does not knowingly admit or retain candidates whose behavior or oral or written communication manifests any form of discrimination. Candidates excluded by this regulation receive personal advising by Education faculty and by other professionals as may be needed.
4. Application for Admission: The following forms, available in the Education Department, are required:
  - Reflective essay;
  - Specified grade point averages: cumulative, Education, and content area(s) all must be 2.75.
  - Three recommendation forms identifying the candidate's character and suitability for the Teaching profession;
  - Signed agreement to abide by the Kentucky Professional Code of Ethics;
  - Signatures or recommendation from the Education faculty;
  - For secondary education majors, signature of recommendation from chairperson of teaching major.

To be eligible for the screening interview in the spring and admission to junior-level courses in the following fall, all the above requirements must be submitted to the Education Department by March 1. Candidates who fail to meet any of the above requirements receive special advisement and support from their Education Department advisors.

### 5. Formal Evaluation:

By the Education Department: In a department meeting, Education faculty share their assessments of the candidate, examine the candidate's dispositions and motivation for entering the teaching profession, verify the grade point averages, and form a judgment about the candidate's potential for success as a teacher. Candidates with positive evaluations are recommended to the Teacher Education Committee for admission to the Teacher Education Program.

By the Teacher Education Committee: The Teacher Education Committee (TEC) is composed of faculty of the Education Department, faculty and staff representing other departments of the College, teachers and administrators from local public and private schools, and Education candidate representatives. At a regular meeting of the TEC, the candidate is interviewed by a team of two or three members. Committee members also review the candidate's credentials: results of screening tests, academic record, documentation of field experiences, written application with signatures of recommendation, recommendation forms, portfolio entries, and other relevant data. After the interview the committee confers, summarizes in writing, and informs the candidate of the result in writing. Candidates receive immediate feedback from their Education advisors. Candidates not admitted may reapply after fulfillment of the conditions determined by the Teacher Education Committee. In the meantime, they receive special advisement and support from their Education Department advisors.

### **CONTINUOUS EVALUATION**

After admission to the Teacher Education Program and upper division courses, the candidate continues to receive guidance and support. At the end of each semester, grade point averages are reviewed to ensure continuation in good standing. Candidates whose GPAs are below or nearly below the requirements are offered special advising and additional academic support, such as tutoring in the Writing, Math and/or Speech Centers.

Note 1: No candidate may advance to 300-level Education courses who earns a grade of D, F or I in a 200-level Education course. No candidate may advance to 400-level Education courses who earns a grade of D, F or I in a 300-level Education course. No candidate may be recommended for certification who earns a grade of D, F, or I in student teaching.

### **ADMISSION TO STUDENT TEACHING**

According to Kentucky and Thomas More College regulations, a candidate may be admitted to student teaching who has fulfilled the following conditions:

1. Senior status: minimum, 90 semester hours.
2. Previous admission to the Teacher Education Program and continuation in good standing.
3. Completion of three-fourths of required professional education courses, including methods courses and field work through junior level.
4. Degree Audit with Certification Officer/Senior Advisor by March 1.
5. Required grade point averages: cumulative, Education, and content area(s) all must be 2.75.
6. Passing score(s) on Praxis II content test(s).
7. Dispositions as documented on the Evaluation Form for Teacher Dispositions.
8. Candidates must be VIRTUS trained and remain compliant.
9. Completion of 200 hours of field experience under 16 KAR 5:050 Section 3 prior to beginning student teaching placement.

Candidates must submit the following to the Education Department by March 1:

1. Application for Student Teaching form
2. Satisfactory Portfolio Entries:  
Reflection on Field Experience (Prepared in EDU 304/314)  
Lesson Plan  
Rationales
3. Signed Professional Code of Ethics Form
4. Signed Character and Fitness Form

Secondary Education Majors

1. Completion of three-fourths of required course work in teaching major
2. Signature of Chairperson of teaching major on Application Form

Requirements after admission to Student Teaching:

1. Background check through Kenton County Board of Education. Contact immediately after admission to student teaching.
2. Kentucky Department of Education Medical Examination Form.

\* Student teaching cannot begin until the background check, physical examination and TB testing have been completed and results received by the Education Department.

\* Candidates accepted into student teaching are required to attend the Student Teacher/Cooperating Teacher Orientation held prior to the student teaching semester.

### **TEACHER EDUCATION PROGRAMS**

**Students should meet with an advisor in the Education Department as soon as possible. The degree requirements listed below are subject to change based on changing certification requirements. Please consult with the Education Department for current curriculum contracts.**

### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN EDUCATIONAL STUDIES**

Recognizing the advantage that can be derived from the study of Education by persons who are not pursuing certification, the department also offers a major in Educational Studies. Persons not seeking certification but wishing to pursue studies in Education should consult with an Education advisor to design a curricular plan suited to their background and anticipated needs.

- Education (18 hours): 18 credit hours from among EDU 101, 201, 202, 205, 210, 215, 216, 305, 310, 317, 355 (with written permission of the advisor), 410, ART 221, EDU/ENG 212, MUS 231 and PHE 105
- Supporting Courses (15 hours): 15 credit hours in other academic areas at the 300- or 400-level
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department
- The Education Department strongly recommends that BAES candidates also earn the equivalent of an Associate of Arts degree in another academic area.

### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN ELEMENTARY EDUCATION (Grades P-5)**

- Education: EDU 101, 201, 202A, 205, 210, 215, 216, 301A, 302A, 303A, 304A, 305, 317, 325A, 326A, 327A, 328A, 332, 360, 407A, 422, 425
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department
- Supporting Courses:
  1. Fine Arts (6 hours): ART 221, MUS 231
  2. Mathematics (6 hours): MAT 121, 122
  3. Health, PE (3 hours): PHE 105
  4. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  5. Social Science (18 hours): HIS 102, HIS 114, ECO 105, GEO 201, POS 105, PSY 105
  6. English (9 hours): ENG 150; upper level literature course; and 320 or ACT English subscore of 28 and choice of ENG 255CW, 270CW, 321, 322CW, 323CW, or 362CW

### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN MIDDLE SCHOOL EDUCATION (Grades 5-9)**

- Education: EDU 101, 201, 202B, 210, 301B, 302B, 303B, 304B, 305, 317, 336, 360, 407B, 422, 425
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department
- Supporting Courses:
  1. Fine Arts (6 hours): ART 221; 3 hours from COM 205, THR 205, THR 255, THR 401
  2. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  3. Social Science (9 hours): HIS 102; PSY 105; ECO 105
  4. English (9 hours): ENG 150, 320, and an upper level literature course
- Teaching Specialties: Choose two from the following:
  1. Language Arts: ENG 150, 212, 320, 420; two literature courses from among 229, 244, 255, 343, 344, 345, 346, 449; one creative writing course from among 255CW, 321, 322CW, 323CW, 362CW; EDU 325B
  2. Social Studies: HIS 101, 102, 114, 115; ECO 105; GEO 201; POS 105; SOC 105; EDU 326B
  3. Mathematics: MAT 121, 122, 125, 143, 205; 6 credit hours above MAT 121; CIS 111; EDU 328B
  4. Science: Includes Biology, Chemistry, Physics, Earth science, and EDU 327B
    - a) Biology:
      - (i) option 1: BIO 101/101L, 102/102L
      - (ii) option 2: NSC 267/267L, and 4 hours of BIO/NSC electives
    - b) Choose Chemistry or Physics emphasis:
      - (i) Chemistry emphasis: CHE 103/103L, NSC 206/206L; PHY 236/236L or 237/237L
      - (ii) Physics emphasis: NSC/PHY 225 (lab recommended), 238; PHY 236/236L; NSC 206/206L or CHE 103/103L
    - c) Earth Science with lab taken through consortium program

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
ART-EDUCATION (Grades P-12)**

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 418, 422, 425
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. Social Science (9 hours): HIS 102, PSY 105, and ECO 105 or SOC 105 or POS 105
  3. English (9 hours): ENG 150, 320, and an upper level literature course
- Art (49-51 hours): ART 116, 117, 118, 121, 125, 146, 215, 216, 221, 231, 241, 251, 252, 261, 311, 321, 416
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
SECONDARY EDUCATION-BIOLOGY (Grades 8-12)**

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 417, 422, 425
- Supporting Courses:
  1. Social Science (9 hours): HIS 102, PSY 105, and ECO 105 or SOC 105 or POS 105
  2. English (9 hours): ENG 150, 320, and an upper level literature course
- Biology (34 hours): BIO 101/101L, 102/102L, 202/202L, 205/205L, 206/206L, 489; three 4-hour electives, one from each area of cellular and molecular, organismic, and ecological
- Chemistry (16 hours minimum): CHE 111/111L, 113/113L, 220/220L, 240/240L
- Mathematics (7 hours): MAT 143 and MAT 205 or equivalent
- Physics (8 hours): PHY 121/121L, 122/122L
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
SECONDARY EDUCATION-BUSINESS & MARKETING (Grades 5-12)**

- Education: EDU 101, 201, 202C, 210, 301B, 303B, 305, 311, 312, 313, 314, 317, 336, 360, 417, 422, 425
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. Social Science (9 hours): HIS102, PSY 105, and ECO 105 or SOC 105 or POS 105
  3. English (9 hours): ENG 150, 320, and an upper level literature course
- Accounting (6 hours): ACC 101, 102
- Business Administration (30 hours): BUA 105, 249, 291, 301, 302, 311, 321, 341, 391, 498
- Computer Literacy (3 hours): CIS 111
- Economics (6 hours): ECO 105, Economics elective
- Mathematics (4 hours): MAT 143
- Communication (3 hours): COM 204

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
SECONDARY EDUCATION-CHEMISTRY (Grades 8-12)**

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 417, 422, 425
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. Social Science (9 hours): HIS 102, PSY 105, and ECO 105 or SOC 105 or POS 105
  3. English (9 hours): ENG 150, 320, and an upper level literature course
- Chemistry (30 hours): CHE 111/111L, 113/113L, 220/220L, 240/240L, 301, 304, 313/313L, 358, and 385 or 415
- Supporting Courses (18 hours): MAT 151, 152, PHY 141/141L, 142/142L
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
SECONDARY EDUCATION-ENGLISH (Grades 8-12)**

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 417, 422, 425
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. Social Science (9 hours): HIS 102, PSY 105, and ECO 105 or SOC 105 or POS 105
- English (24 hours): ENG 210, 212, 320, 343, 344, 405; 6 hours ENG electives
- English Literature (6 hours): from among 381, 382, 383, 384, 385, 386
- Dramatic Literature (6 hours): ENG 331; 3 hours from among ENG 371, 372, 376, 475, 255/355/455 Special Topics courses with Dramatic Literature focus
- Theatre, Speech, Journalism (15 hours): THR 105; COM 105, COM/THR 208; 6 hours of electives from among THR 205, 206, 207, 330, 401, 402, COM 207, 301
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
SECONDARY EDUCATION-MATHEMATICS (Grades 8-12)**

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 417, 422, 425
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. Social Science (9 hours): HIS 102, PSY 105, and ECO 105 or SOC 105 or POS 105
  3. English (9 hours): ENG 150, 320, and an upper level literature course
- Mathematics (36 hours): MAT 151, 152, 201, 206, 210, 220, 231, 306, 340, 411; 3 additional hours from MAT 202, 207, 240, 303, 345, 412, 455, 475
- Computer Information Systems (6 hours): CIS 113, 114
- Science (8 - 10 hours): CHE 111/111L and 113/113L OR PHY 141/141L and 142/142L.

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
SECONDARY EDUCATION-PHYSICS (Grades 8-12)**

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 417, 422, 425
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. Social Science (9 hours): HIS 102, PSY 105, and ECO 105 or SOC 105 or POS 105
  3. English (9 hours): ENG 150, 320, and an upper level literature course
- Physics (33 hours): PHY 141/141L, 142/142L, 241/241L, 242, 312, 321, 322, 490, 491, plus at least two additional PHY courses numbered 200 or higher excluding any courses cross listed as NSC/PHY
- Mathematics (16 hours): MAT 151, 152, 201, 202
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
SECONDARY EDUCATION-SOCIAL STUDIES (Grades 8-12)**

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 417, 422, 425
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. English (9 hours): ENG 150, 320, and an upper level literature course
- Social Science courses(15 hours): ECO 105, GEO 201, POS 105, PSY 105, SOC 105
- History (18 hours): HIS 101, 102, 114, 115, 497, and a HIS elective
- Two of the following options (6 hours each):
  1. Economics: ECO 206, 238
  2. Political Science: POS 106, 230
  3. Sociology: SOC 217 and a SOC elective

4. Psychology: one course from the clinical and social psychology category, including PSY 205, 206, 214, 305, 306; one course from the experimental psychology category, including PSY 307, 310, 311, 315, 316

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN SPANISH EDUCATION**

(Grades P – 12)

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 418, 422, 425
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. Social Science (9 hours): HIS 102, PSY 105, and ECO 105 or SOC 105 or POS 105
  2. English (9 hours): ENG 150, 320, and an upper level literature course
- Spanish (49 hours): SPA 101/111, 102/112, 201, 202, 255, 260, 303, 304, 306, 321, 331, 401, 411, 413, 431, 435, 455-Theory and Methods; Study Abroad in a Spanish-speaking country.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN SECONDARY EDUCATION-SPEECH/MEDIA COMMUNICATIONS**

(Grades 8-12)

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 417, 422, 425
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. Social Science (9 hours): HIS 102, PSY 105, and ECO 105 or SOC 105 or POS 105
  3. English (9 hours): ENG 150, 320, and an upper level literature course
- Communication (21 hours): COM 105, 201, 207, 208, 215, 225, 320
- Communication electives (12 hours): 12 hours from among COM 301, 310, 435, 450, 460, with at least 2 courses from among 435, 450, 460
- Theatre (12 hours): THR 105, 205 or 206, 207, 401
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN SECONDARY EDUCATION-THEATRE (Grades P-12)**

- Education: EDU 101, 201, 202C, 210, 305, 311, 312, 313, 314, 317, 336, 360, 418, 422, 425
- Supporting Courses:
  1. Natural Science (7-8 hours): 3-4 hours in Biology; 3-4 hours in Chemistry or Physics; one must have a lab component
  2. Social Science (9 hours): HIS 102, PSY 105, and ECO 105 or SOC 105 or POS 105
  3. English (9 hours): ENG 150, 320, and an upper level literature course
- Theatre (30 hours ): THR 105, 205 or 206, 207, 301 or 302, 330, 356, 401, 402, 425; 3 hours in dramatic literature from among ENG 371, 372, or 376
- Communication (6 hours): 3 hours from among COM 105, 205, 207, 305; 3 hours from among COM 208, 215, 255
- Computer Literacy: fulfilled either by taking CIS 111 or by demonstrating proficiency as determined by the Education Department

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## **ENGINEERING**

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The Physics Department at Thomas More College offers a rigorous pre-Engineering program providing the student with a strong background in the areas of Physics necessary for further study in Engineering. The program allows the student an opportunity to earn a B.A. degree in Physics and an A.A. in Mathematics from Thomas More as well as a B.S. in Engineering from the engineering school of his/her choice.

After completing the junior year of study at Thomas More, the student transfers to an Engineering program at another regionally accredited institution. To successfully obtain the B.S. in Physics from Thomas More College the student must transfer in 15 semester credit hours of engineering courses from the Engineering School, approved by the Department Chair. To obtain the B.S. in Engineering, the student is responsible for successfully completing all requirements for that degree as specified by the chosen Engineering School.

Typically, after the first year at the Engineering school, the student is qualified to receive the B.S. in Physics and A.A. in Mathematics from Thomas More College. The student will transfer back to Thomas More 15 semester credit hours of grades (2.0 or greater, on a 4 point scale) for graduation at Thomas More College. Normally after the second year, the B.S. in Engineering is obtained. Cooperative programs are available at the Engineering institutions wherein the student alternates on a quarter or semester basis between class attendance and supervised engineering work in business or industry.

Several options are available for adapting the chemistry major program for those students who are interested in pursuing studies in the areas of Chemical and Metallurgical Engineering and Material Science at the undergraduate and graduate levels. These pre-engineering programs of study are pursued through Thomas More College's Chemistry Department.

Programs are available for Aeronautical, Aerospace, Agricultural, Civil, Electrical, Electronic, Computer, Industrial, Mechanical and Nuclear Engineering (Under the Physics Department).

#### **REQUIREMENTS FOR BACHELOR OF SCIENCE IN PHYSICS AND ASSOCIATE OR ARTS IN MATHEMATICS**

\*for Pre-Engineering Students

- Physics (30 hours): PHY 141/141L, 142/142L, 241/241L, 242, 251, 311, 312, 321, 322
- Mathematics (25 hours): MAT 151, 152, 201, 202, 220, 310; MAT 340 or 303
- Supporting Courses (6 hours): CHE 111, 113; CHE 111L and 113L labs recommended
- Engineering (15 hours): Students must transfer the following coursework back to Thomas More College:
  - 15 hours of engineering courses from an ABET-accredited engineering school
  - and enough college credit to satisfy the requirement of 128 credit hours
- Students must earn a C or better in all major and support courses required for the major to graduate.
- Students meet the Core Requirement in computer literacy by mastering skills integrated into required courses in the Physics curriculum. Beginning with the first courses in Physics, students will develop skills in the use of word processing and spreadsheet programs.

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## **ENGLISH**

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A major in English or English/Creative Writing prepares the student for graduate study, careers in law, teaching, creative and professional writing and business. The English major develops analytical abilities as well as written and verbal communications skills and provides an encounter with the works of great literary minds and a deeper understanding of human behavior. The Department also offers general requirements, general electives and advanced courses in written communication.

ENG 210, offered in the spring semester, replaces ENG 150 for English majors as a core curriculum requirement.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN ENGLISH**

##### **Literary Studies Concentration**

- Department core requirements (6 hours): ENG 210, 405
- American Literature (9 hours): from among ENG 343, 344, 345, 346
- English Literature (12 hours): from among ENG 381, 382, 383, 384, 385, 386
- Shakespeare (3 hours): from among ENG 331, 475, 255/355/455 Special Topics with Shakespeare focus
- Electives (12 hours): English electives at the 200 level or above
- English majors fulfill the core requirement in computer literacy by demonstrating proficiency in the use of a standard word processor, presentation software, and online scholarly research tools for presentations in ENG 210, 405, and other 300 and 400 level English courses.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN ENGLISH**

##### **Creative Writing Concentration**

- Department Core Courses (6 hours): ENG 210, 405
- Literature Surveys (12 hours): Choose four courses from ENG 331, 343, 344, 345, 346, 347, 381, 382, 383, 384, 385, 386
- Creative Writing Workshops (9 hours): ENG 322CW, 323CW, 424CW

- Creative Writing Electives (6 hours): choose two from ENG 255CW, 355CW, 455CW, 270CW, 298, 321, 362CW, THR 305, 306, COM 301, 310, CED 308
- Electives (9 hours): English electives the 200 level or above
- English majors fulfill the core requirement in computer literacy by demonstrating proficiency in the use of a standard word processor, presentation software, and online scholarly research tools for presentations in ENG 210, 405, and other 300 and 400 level English courses.

#### REQUIREMENTS FOR ASSOCIATE MAJOR IN ENGLISH

##### Literary Studies Concentration

- English (24 hours): ENG 210; 6 hours of American Literature from ENG 343, 344, 345, 346; 6 hours of English Literature from ENG 381, 382, 383, 384, 385, 386; Nine (9) hours of English electives at 200 level or above

#### REQUIREMENTS FOR ASSOCIATE MAJOR IN ENGLISH

##### Creative Writing Concentration

- English (24 hours): ENG 210, 322CW, 323CW, 424CW; Choose one from: ENG 255CW, 455CW, 270CW, 298, 321, 362CW, THR 305, 306, COM 301, 310, CED 308; Nine (9) hours of English electives

## ENVIRONMENTAL SCIENCE

The Environmental Science major is an interdisciplinary major, combining ecological, economic, political, and social issues. The program will emphasize basic research in ecology, applied research and teaching that will contribute to solving the world's environmental problems. The degree will prepare students for graduate school, but also for work in public service, government, education, and nonprofit environmental organizations.

#### REQUIREMENTS FOR BACCALAUREATE MAJOR IN ENVIRONMENTAL SCIENCE

- Biology (22 hours): BIO 101/101L, 102/102L, 205/205L, 318/318L, 489; one four-hour BIO elective
- Chemistry/Physics (16 hours): CHE 111/111L, 113/113L; CHE 220/220L, 240/240L or PHY 121/1221L, 122/122L
- Environmental Science (14 hours): ENV 214/214L, 215, 316; four hours from ENV 400, BIO 400, or BIO 495
- Mathematics (7 hours): MAT 143, 205
- Supporting Courses (15 hours): GEO 201, ECO 260, SOC 217, POS 105, POS 370
- No Environmental Science major may graduate with more than one "D" in a required BIO, ENV, or NSC course.
- Students fulfill their computer literacy requirement through the Environmental Science Methods course and Biological Literature course.

**Requirements for a Concentration:** Concentrations can be chosen from Ecology or Social Sciences. The course requirements listed above for the major must be completed, as well as those listed below:

- Ecology: two additional 300+ Biology electives with labs from the ecological concentration. In addition, the research requirement will involve research in the ecological area.
- Social Sciences: three additional 300+ electives in the same social science (Economics, Political Science, or Sociology). In addition, the research requirement will involve research in the social sciences.

## FORENSIC SCIENCE AND TECHNOLOGY

The Forensic Science and Technology bachelor's degree requires a concentration in Biology or Chemistry. The program is modeled after the curriculum recommended by the National Institute of Justice and the American Academy of Forensic Science. The degree is based on the B.A./B.S. degree in Chemistry and the B.A. degree in Biology. Both programs will allow students to work in Forensic Science, Chemistry, or Biology, apply to medical, dental, or veterinary school, or attend graduate school.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN FORENSIC BIOLOGY**

- No Forensic Biology major may graduate with more than one “D” in a required BIO course.
- Core Courses (43 hours): BIO 101/101L, 102/102L, 202/202L, 206/206L, 341/341L, 319/319 or 330/330L; BIO 305/305L or 326/ 326L; FOR 201, 202, 301; 6 hours from among FOR 401, 402, 411, 412, or BIO 400 (students who complete 6 hours from among FOR 411, 412, or BIO 400 in place of 401 and 402 will be required to take BIO 489. This requirement is waived if the student completes at least one semester of Forensic Internship worth 3 credit hours.)
- Chemistry (16 hours): CHE 111/111L, 113/113L, 220/220L, 240/240L.
- Physics (8 hours): PHY 121/121L, 122/122L.
- Mathematics (7 hours): MAT 143, 205
- The computer literacy requirement is fulfilled through completion of Chemistry, Biology, and Physics.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN FORENSIC CHEMISTRY**

- No Forensic Chemistry major may graduate with more than one “D” in a required BIO, CHE, or FOR course.
- Core Courses (46 hours): CHE 111/111L, 113/113L, 220/220L, 240/240L; 19 hours of CHE Electives above 300 level; FOR 201, 202, 301; 6 hours from FOR 401, 402, 411, or 412
- Biology (8 hours): BIO 101/101L, 102/102L.
- Physics (10 hours): PHY 141/141L, 142/142L.
- Mathematics (11 hours): MAT 151, 152, 205
- The computer literacy requirement is fulfilled through completion of Chemistry, Biology, and Physics.

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## **FRENCH**

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#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN FRENCH**

- 15 credit hours beyond FRE 202: FRE 252, 301, 302 and two of the following: FRE 305, 352, 355

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## **GERONTOLOGY**

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Thomas More College offers a multidisciplinary program in Gerontology with required courses and electives applicable toward an associate’s degree. Students should consult the Biology Department for academic advising and the selection of electives.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN GERONTOLOGY**

- Biology (9-10 hours): Choose from: Track I (typically Biology majors): BIO 202/202L, 207, 227; Track II (typically Nursing majors): BIO 211/211L, 212/212L, NUR 206; or Track III (all other majors): NSC 209/209L, BIO 207, NSC 208
- Psychology (6 hours): PSY 105, 218
- Sociology: (6 hours): SOC 105; 216 or 217
- Theology/Philosophy (3 hours): THE 300-Spirituality and Theology of Death and Dying, PHI 215B-Medical Ethics, or PHI 205
- Gerontology Practicum (3 hours): BIO 401. Nursing students who completed NUR 206 with 44 clinical hours do not need BIO 401; the practicum requirement is met through NUR 206.

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## **HISTORY**

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History is the substructure of a liberal education. History programs provide for students aspiring to careers in law, government, teaching, and archival or museum administration, but it is recognized that a major in History is a useful preparation for any profession. The study of History gives perspective and depth to every other area of investigation. Co-op and internship opportunities are available in law offices, government agencies, libraries, archives, museums and historical organizations.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN HISTORY**

- History (33 hours): HIS 101, 102, 114, 115, 201, 202, 203, 204, 393, 394, 497
- History Electives (12 hours) as follows: 3 hours in upper level European history, 3 hours in upper level United States history, 6 hours in two of the following categories: Contemporary World, Developing World, Asian History
- Students fulfill the core requirement in computer literacy by demonstrating proficiency in the use of standard word processing, as well as a PowerPoint presentation, in HIS 393, 394, and 497.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN HISTORY**

- History (21 hours): HIS 101, 102, 114, 115, History electives (9 hours) as follows: 3 hours in modern European history, 3 hours in American history, 3 hours in Contemporary World, Developing World, or Asian History

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## **HUMANITIES**

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The Humanities program studies the nature and challenges of the human condition through a broad and well-rounded interdisciplinary educational experience. The College offers both a bachelor and an associate major in Humanities.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN HUMANITIES**

- Core Course (3 hours): COM 450
- Humanities Electives (33 total hours): 6 hours each from Art History or Theatre, English, History, Foreign Language, and Philosophy, plus 3 hours from Theology. All courses must be beyond fulfillment of the core requirements and at least at the 200-level with 6 hours from the 300-400 level.
- Senior Research (3 hours): ENG 405, HIS 497, THE 409, or an independent study consisting of interdisciplinary work with readers from two Humanities disciplines.
- Associate's degree in another discipline.
- Majors in the Humanities B.A. fulfill the core requirement in computer literacy by demonstrating proficiency in the use of a standard word processor to prepare a senior research paper.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN HUMANITIES**

- Required Course (3 hours): COM 450
- Humanities Electives (18 total hours): 3 hours each from Art History or Theatre, English, History, Foreign Language, Philosophy, and Theology. All courses must be beyond fulfillment of the core requirements and at least at the 200-level.
- Majors in the Humanities A.A. meet the core requirement in computer literacy through the standards of their B.A. program or by using a word processor to do a paper in a Humanities course.

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## **INTERNATIONAL STUDIES**

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International Studies is an interdisciplinary program designed to prepare students for careers in the contemporary world. The program strives to recognize and understand the complexities and problems of our world, and to offer meaningful, just solutions consonant with the Christian values espoused by Thomas More College.

Thomas More offers both a bachelor's and associate's degree in International Studies. Candidates for either degree are required to choose one area of concentration from among European, Latin American and Caribbean Studies, and Developing World. The choice of concentration determines the foreign language to be studied.

Students intending to pursue graduate work in International Studies or International Relations are encouraged to take the following courses in addition to the requirements listed: a language at the advanced (3<sup>rd</sup> year) level, ECO 215, ECO 216 and a quantitative analysis course.

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
INTERNATIONAL STUDIES**

**European Concentration**

- Required Courses (27 hours): GEO 201; ECO 105; ECO 238; INT 400; POS 105, 230, 335; SOC 105; 3 hours chosen from ART 251, ART 252, MUS 260, THR 301, THR 302; Recommended Course: NSC 214
- European Language (6 hours in one language at the 200 level or higher)
- Electives (6 hours) chosen from: HIS 326, 327, 328, 329, 340, 349, 431, 432, 433, 434, 442, 455
- Study Abroad through one of the college's affiliated programs in a geographically appropriate region
- Students fulfill the core requirement in computer literacy by demonstrating proficiency in the use of standard word processing, as well as a Microsoft PowerPoint presentation, in INT 400.

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
INTERNATIONAL STUDIES**

**Developing World Concentration**

- Required Courses (27 hours): GEO 201; ECO 105; ECO 238; INT 400; POS 105, 230, 335; SOC 105; 3 hours chosen from ART 251, ART 252, MUS 260, THR 301, THR 302; Recommended Course: NSC 214
- Foreign Language (6 hours in one language at the 200 level or higher)
- Electives (6 hours) chosen from: BUA 252, HIS 349, 435, 452, 461, 462, 465, 475-History of Africa, PHI 255 Latin American Philosophy, SOC 381
- Study Abroad through one of the college's affiliated programs in a geographically appropriate region
- Students fulfill the core requirement in computer literacy by demonstrating proficiency in the use of standard word processing, as well as a Microsoft PowerPoint presentation, in INT 400.

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
INTERNATIONAL STUDIES**

**Latin American and Caribbean Studies Concentration**

- Required Courses (27 hours): GEO 201; ECO 105; ECO 238; INT 400; POS 105, 230, 335; SOC 105; 3 hours chosen from ART 251, ART 252, MUS 260, THR 301, THR 302; Recommended Course: NSC 214
- Spanish Language (6 hours in one language at the 200 level or higher)
- Electives (6 hours) chosen from: HIS 435, BUA 252 – Jamaica, PHI 255 – Latin American Philosophy, SOC 381
- Study Abroad through one of the college's affiliated programs in a geographically appropriate region
- Students fulfill the core requirement in computer literacy by demonstrating proficiency in the use of standard word processing, as well as a Microsoft PowerPoint presentation, in INT 400.

**REQUIREMENTS FOR ASSOCIATE MAJOR IN INTERNATIONAL STUDIES**

- Required Courses (18 credit hours): ECO 105; GEO 201; POS 105, 230; SOC 105; 3 hours chosen from ART 251, 252, MUS 260, THR 301, 302
- Elective (3 credit hours) chosen from: Non-US History course at or above 200-level or Study Abroad

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## **MATHEMATICS**

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The aim of the mathematics curriculum is to prepare the student for graduate studies, teaching, and/or for application of the principles of mathematics in business and industry.

Students pursuing either a B.A. or an A.A. in mathematics should take MAT 151, 152, 201, and 231 before the end of their sophomore year. Students planning to take courses with prerequisites of GEC 096 or 115 may do so by either taking the prerequisite courses or by passing the appropriate placement exams. These placement exams are given each term by appointment with a member of the Math faculty.

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN MATHEMATICS**

- Mathematics (43 hours): MAT 151, 152, 201, 202, 231, 220, 306, 340, 405, 411; MAT 406 or 421; 6 additional hours numbered 206 or higher excluding 205 and 208, possibly including CED 316
- Computer Information Systems (6 hours): CIS 113 and 114 or satisfactory completion of BS in physics

- Science (6 hours): CHE 111 and 113 (CHE 111L and 113L recommended) or PHY 141 and 142 (PHY 141L and 142L recommended)
- All mathematics majors must have a C or better in any course or prerequisite within the major.
- Some of these requirements change for students who decide to double-major in Math and Physics, due to significant overlap in course requirements. If you are interested, please contact a Physics faculty member for a proposed schedule and for advice on how to complete the requirements on a timely schedule.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN MATHEMATICS**

- Mathematics (24 hours): MAT 151, 152, 201, plus 12 additional hours numbered 202 or higher excluding 205 and 208
- Recommended:  
For Chemistry majors: MAT 202, 231, 303, 307, or 401  
For Computer Information Systems majors: MAT 207, 231, 303, 307 or 401  
For Physics majors: MAT 202, 301, 302, 412
- All Mathematics majors must have a C or better in any course or prerequisite within the major.

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## **MEDICAL LABORATORY SCIENCE**

The first three years of the program are accomplished at Thomas More College and give the student a strong background in biology, chemistry, and the liberal arts. During the third year, the student will apply to the School of Medical Laboratory Science at nearby St. Elizabeth's Medical Center. The Med Tech Program at St. Elizabeth is accredited by the National Accreditation Agency for Clinical Lab Science (NAACLS) of Chicago, IL. She/he will spend the final (fourth) undergraduate year taking classes in this program. The program accommodates only four students each year and consists of laboratory-centered courses in which the individual is able to progress to processing actual patient samples while still a student. The student will receive his/her degree in Medical Laboratory Science from TMC.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN MEDICAL LABORATORY SCIENCE**

- Biology (30 hours): BIO 101/101L, 102/102L, 202/202L (or 211/211L and 212/212L), 205/205L, 206/206L, 216/216L, 326/326L, 489
- Chemistry (16 hours): CHE 111/111L, 113/113L, 220/220L, 240/240L
- Mathematics (7 hours): MAT 143, 205
- Physics (4 hours minimum): PHY 121/121L (122/122L recommended)
- Minimum of 90 hours before beginning the hospital program
- Hospital program of professional study 32-40 credit hours
- Students meet the computer literacy requirement through course work in required courses.
- No Medical Laboratory Science major may graduate with more than one "D" in Medical Laboratory Science core courses. A subsequent "D" must be replaced by a higher grade which may be earned only by repeating the course.

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## **MUSIC**

The Music Department offers a variety of courses to all Thomas More students, such as music history, ensemble and instrument instruction. Students with experience and additional interest in music may pursue the Associate of Arts in Music. The curriculum will provide students with knowledge of theory, music theory, conducting, and performance experience.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN MUSIC**

- Students must earn a "C" grade or higher in all MUS courses.
- Core Music courses (17 hours): MUS 201, 202, 245, 290; 5 hours of ensemble credit from MUS 100 and 103
- Elective courses (8 hours): 8 hours from among MUS 226, 231, 255, 260, 270, 271, 272. Students may choose substitute 3 hours from PHI 230, ART 252, ART 273, ART 356, THR 105, 205, 208, or 225
- Instrument Proficiency: Pass piano or guitar proficiency determined by music coordinator.

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## NURSING

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The Department of Nursing shares the College's commitment to promoting an educational environment consistent with the pursuit of academic excellence in an atmosphere of Christian values. The purpose of the Nursing Department is to respond to the learning needs of students, to prepare generalists in nursing practice who will have a foundation for graduate education, and to respond to the health care needs of the surrounding community.

Nursing program admission policy for incoming Freshman:

Entering the Nursing program is a two-tiered process: acceptance into the college prior to the start of the freshman year and admission into the nursing program at the end of the freshman year.

Requirements for admission into the Nursing Program:

1. minimum TMC cumulative G.P.A. of 2.75
2. passage within the last seven years of all courses designated as pre-requisite for 200 or higher level Nursing courses with at least a "C" grade. If the student needs to repeat a course, the student may be given *conditional admittance* contingent upon receiving at least a grade of "C" in the repeated course.
3. filing of an application for admission to Nursing Program by May 1 of the freshman year

A student who does not meet the above criteria may be asked to submit one or more of the following for continued consideration: an interview with nursing faculty, an essay, and/or consideration of TOEFL scores for international students.

Nursing program admissions policy for transfer students:

Students wishing to transfer from another school into the Nursing program at Thomas More College must achieve all of the following:

1. transfer from an accredited BSN program if transferring nursing credits
2. have earned a minimum college cumulative GPA of 2.75
3. present a letter requesting transfer one semester in advance of proposed start
4. present documentation of good standing from the current university or college
5. have passed, within the last seven years, all Nursing courses and those designated as prerequisite to Nursing courses with at least a C, regardless if the course was repeated for a higher grade. An applicant who has been unsuccessful in one nursing course may be admitted at the discretion of faculty.
6. have no history of disciplinary action or academic probation
7. have taken biology and chemistry credits within the last seven years
8. pass a departmental math test with a score of at least 80 if unable to provide ACT/SAT scores
9. meet all Nursing Student Handbook standards

Nursing admissions policy for RN to BSN program:

Students wishing to enter the RN to BSN program must adhere to all admissions procedures and standards set forth in the catalog, in addition to the meeting the criteria below:

1. earned an Associate's Degree in Nursing from a regionally accredited institution with a minimum GPA of 2.75 on a 4.0 scale
2. hold a current encumbered RN license from the state of Kentucky. Applicants licensed in other US states should visit the Kentucky State Board of Nursing website for information on how to be licensed in Kentucky.
3. earned a grade of 'C' or higher in all prerequisite courses
4. complete the Health and Academic file requirements as outlined in the RN to BSN handbook
5. submit a completed RN to BSN Application Form to the Nursing Department by the appropriate deadline. Application forms may be obtained from the Nursing Department.

There are several health, academic, and other requirements outlined in detail in the "Nursing Student Handbook" that all nursing students must complete as required. The Department of Nursing Faculty reserves the right to limit the number of students in a clinical course to meet requirements of the State Board of Nursing and requirements of the clinical specialty areas.

### REQUIREMENTS FOR BACHELOR OF SCIENCE IN NURSING

- Nursing (52 hours): NUR 103, 104, 203, 204, 204L, 205, 206, 207, 208, 305, 306, 307, 308, 309, 403, 404, 405, 406, 407, 408

- Supporting Courses (43 hours): BIO 211/211L, 212/212L, 215, 216/216L, 255; CHE 103/103L, 104/104L, PSY 105, 214; SOC 105; MAT 205 or 208; ENG 150 and any literature or advanced writing course at the 200 level or higher
- Students must earn a grade of "C" or above in all nursing *and* nursing support courses.
- Students meet the core requirement in computer literacy by self evaluation and demonstration of skills in all required courses. Students requiring special instruction are directed to appropriate sources.

**REQUIREMENTS FOR BACHELOR OF SCIENCE IN NURSING  
(RN to BSN option)**

- Prerequisites (34 hours): BIO 211/211L, 212/212L, 215, 216/216L; CHE 103/103L, 104/104L; ENG 150; PSY 105, 214; SOC 105
- Nursing (25 hours): NUR 310, 403, 406, 406P, 407, 407P
- Supporting Courses (9 hours): MAT 205/208; HCM 420, 480

## PHILOSOPHY

Philosophy holds a special place, second only to Theology, in the Catholic intellectual tradition, because of its commitment to explore the ultimate meaning of life, the place of the human person in relation to all other reality, and the responsibility that each person has toward others. The study of Philosophy is one of the most central elements in achieving the mission of Thomas More College. The Philosophy Department contributes to the College's mission in two ways. First, it presents a set of courses in the core curriculum which aid each student in developing a deeper understanding of human nature, reasoning, freedom and of the philosophical underpinnings of Christian beliefs. The "Metaphysics and Epistemology" (M&E) courses look at the distinctive characteristics of the human person, the nature of reality, and knowledge. A central dimension of the human person is moral freedom; this area will be examined in a second set of courses which fall under the rubric of "Values and Ethics" (V&E). Each student chooses one course from each set in accord with his or her interests and career plans.

The second function of the Department is to provide a course of study leading to a major in Philosophy. Building on the core that all students take, the program has three main components:

- 1) courses that enable the student to reflect on human nature and its social dimensions;
- 2) courses exploring the rich tradition of philosophical reflection in the western world; and
- 3) courses leading the student into reflection on central metaphysical and epistemological issues.

This program is meant to lead the student into a process of reflection on issues that are raised throughout the core curriculum of the College and to encourage an understanding of the underpinnings of the intellectual tradition that has marked the development of Christian thought in the West. The primary goal of this program is to produce graduates who will be capable of approaching any activity in life in a reflective way. Since the program has this perspective it can serve, either at the associate or the bachelor level, as a worthwhile adjunct to the intellectual growth of students preparing for a professional career in any field. It would be especially helpful as a background for persons who intend to work in any social, political, legal or religious context.

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN PHILOSOPHY**

- Philosophy (33 hours): PHI 105, 205, 215, 307, 325, 330, 337, 400, 401, electives: 6 hours
- Mathematics (3 hours): from BUA 249, MAT 205, or 208
- Students must earn a C or better in all Philosophy courses
- Students fulfill the Core Requirement in computer literacy by demonstrating proficiency in the use of a standard word processor to prepare the results of their research project at the bachelor level.

**REQUIREMENTS FOR ASSOCIATE MAJOR IN PHILOSOPHY**

- Philosophy (21 hours): Choose one area of concentration:  
     Foundations of Knowledge: PHI 105, 205, 220, 225, 307, 327, 401  
     Values and Ethics: PHI 205, 215, 230, 235, 307, 337, 417
- Students must earn a C or better in all Philosophy courses

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## PHYSICS

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The Physics Department at Thomas More College offers a challenging curriculum designed to prepare the student for further work and study in business, industry, and graduate school. The program develops the student's appreciation and problem-solving abilities in such areas as Dynamics, Electromagnetic theory, Thermal Physics, Quantum Mechanics and Modern Physics.

Students learn Physics not only in the small, personalized atmosphere of lecture courses, but also through hands-on experimentation provided by the laboratory and research components of the curriculum. Research projects are chosen by the student in consultation with a faculty mentor. Projects are possible in computer interfacing, electronics, observational astronomy, among other concentrations. Computer programming abilities are developed as part of both lecture and laboratory courses.

The student who successfully completes the four-year Bachelor of Science in Physics program will graduate with a B.S. in Physics, an A.A. in Mathematics, and possess the theoretical and experimental background necessary to pursue a professional career in Physics-related fields.

The Bachelor of Arts degree in Physics is a program designed for those students who plan on entering the job market immediately after graduation. This program allows the student the flexibility of designing a Learning Plan that will enhance the student's marketability after graduation. The student, with the input and assistance of potential employers and the Physics faculty, will develop a personalized plan of study, consisting of at least 15 credit hours of courses in an area that will complement the required Physics and Mathematics courses in the program.

### REQUIREMENTS FOR BACHELOR OF SCIENCE IN PHYSICS AND ASSOCIATE OF ARTS IN MATHEMATICS

- Physics (44 hours): PHY 141/141L, 142/142L, 241/241L, 242, 251, 312, 321, 322, 416, 432, 490, 491, 498; 6 elective hours from PHY courses numbered 300 or higher
- Mathematics (25 hours): MAT 151, 152, 201, 202, 220, 310 and three elective hours in Mathematics at or above MAT 231
- Supporting Courses Recommended: CHE 111, 113 (both possibly with labs); PHY 311
- Students must earn a C or better in all major and support courses required for the major to graduate.
- Students meet the Core Requirement in computer literacy by mastering skills integrated into required courses in the Physics curriculum. Beginning with the first courses in Physics, students will develop skills in the use of word processing and spreadsheet programs.
- The requirements for a BS in physics are sufficient to attain an AA in Mathematics. If one wishes to instead receive a BA in Mathematics, the additional requirements include 18 hours: MAT 231, 306, 340, 405, 411, and either MAT 406 or 421, plus 3 hours (in addition to MAT 310 which is required for the BS in physics) from MAT courses numbered 206 or higher excluding MAT 205 and 208. Three hours from this list will have been satisfied by the physics requirement of "3 hours of MAT numbered 231 or higher." Please contact a Physics faculty member for a proposed schedule and for advice on how to complete the requirements on a timely schedule.

### BACHELOR OF ARTS IN PHYSICS

- Physics (33 hours): PHY 141/141L, 142/142L, 241/241L, 242, 312, 321, 322, 490, 491, 498 and 6 hours from Physics courses numbered 200 or higher excluding those cross-listed as NSC/PHY.
- Mathematics (19 hours): MAT 151, 152, 201, 202, 220
- Learning Plan (15 hours minimum): A sequence developed by the student and advisor
- Students must earn a C or better in all major and support courses required for the major to graduate.
- Students meet the Core Requirement in computer literacy by mastering skills integrated into required courses in the Physics curriculum. Beginning with the first courses in Physics, students will develop skills in the use of word processing and spreadsheet programs.

### REQUIREMENTS FOR ASSOCIATE MAJOR IN PHYSICS

- Physics (23 hours): PHY 141/141L, 142/142L, 241/241L and 9 hours chosen from PHY 242, 251, 311, 321, 322
- Mathematics (12 hours): MAT 151, 152, 201
- Students must earn a C or better in all major and support courses required for the major to graduate.
- Students meet Core Requirement in computer literacy by mastering skills integrated into required courses in the Physics curriculum. Beginning with the first courses in Physics, students will develop skills in the use of word processing and spreadsheet programs.

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## POLITICAL SCIENCE

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The Political Science Department at Thomas More College is incorporated with the History and International Studies department. Within a Catholic community with a deep sense of respect and concern for all, Political Science introduces students to the political complexities of the contemporary world. The program provides an introduction to the foundational literature for each of the following sub-fields: American Government; Political Theory; and World Politics. It strives to inculcate an awareness of the vital and responsible role students can and should play as citizens in the political world. Students can add to their academic experience through co-op and internship opportunities.

### REQUIREMENTS FOR BACCALAUREATE MAJOR IN POLITICAL SCIENCE

- Political Science Core (18 hours): POS 105, 106, 230, 290, 324, 499
- Political Science Electives (24 hours): 6 hours from each of the four following categories:
  - a. American Government and Politics: POS 206, 306, 425, SOC 248, COM 340
  - b. World Politics: POS 329, 335, 336, 435, 438, 442, 452, 465, SOC 381
  - c. Public Administration and Political Theory: POS 215, 370, 440, 491, PHI 235, SOC 325
  - d. Political Economy: ECO 105 and three hours from ECO 206, 215, 216, 238, 260, 305, 310
- Students fulfill the core requirement in computer literacy by demonstrating proficiency in the use of standard word processing, as well as a Microsoft PowerPoint presentation, in POS 499.

### REQUIREMENTS FOR ASSOCIATE MAJOR IN POLITICAL SCIENCE

- Political Science (21 hours): POS 105, 106, 230, 290, 324, and six hours of electives

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## PRE-LEGAL STUDIES

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The College offers an interdisciplinary associate's degree program in Pre-Legal Studies under the auspices of the History Department. Co-op and internship opportunities are available in governmental and legal settings.

### REQUIREMENTS FOR ASSOCIATE MAJOR IN PRE-LEGAL STUDIES

- 21 Credit hours: PHI 105; ENG 320 or 321; ACC 101; BUA 291; HIS 425; CED 321 or POS 497; and either BUA 292 or 3 credit hours in Pre-Legal Studies

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## PRE-PROFESSIONAL PROGRAMS

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**PRE-DENTAL:** Consult the Biology Department.

**PRE-ENGINEERING:** Refer to the section on Engineering.

**PRE-MEDICAL:** Consult the Biology Department.

**PRE-PHARMACY:** Consult the Biology Department.

**PRE-OCCUPATIONAL OR PHYSICAL THERAPY:** Consult the Biology Department.

**PRE-VETERINARY:** Consult the Biology Department

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## PSYCHOLOGY

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Majoring in Psychology allows the student to become acquainted with both applied and scientific aspects of the field. Course work is designed for both the student whose primary interest is increasing his/her knowledge of human behavior and for the student whose goals involve graduate study in Psychology.

### REQUIREMENTS FOR BACCALAUREATE MAJOR IN PSYCHOLOGY

- Core Courses (15 hours): PSY 105, 201, 202, 308, 408; Psychology majors must have successfully completed Statistics (PSY 201 or MAT 208) before registering for 300 or 400 level courses. A minimum grade of "C" or better is required in each of these courses of students majoring in Psychology; a student achieving a lower grade in any of them must repeat the course(s).
- Experimental Area (12 hours): four courses from the following: PSY 307, 310, 311, 315, 316, 325
- Clinical & Social Psychology Area (12 hours): four courses from the following: PSY 205, 206, 214, 305, 306, 405
- Psychology Electives (3 hours): one course from Psychology
- Computer Literacy (3 hours): CIS 111

### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN PSYCHOLOGY/ (ANOTHER MAJOR)**

- Core Courses (15 hours): PSY 105, 201, 202, 308, 408; Psychology majors must have successfully completed Statistics (PSY 201 or MAT 208) before registering for 300 or 400 level courses. A minimum grade of “C” or better is required in each of these courses of students majoring in Psychology; a student achieving a lower grade in any of them must repeat the course(s).
- Experimental Area (9 hours): three courses from the following: PSY 307, 310, 311, 315, 316, 325; plus one related elective in the student's second major
- Clinical & Social Psychology Area (9 hours): three courses from the following: PSY 205, 206, 214, 305, 306, 405; plus one related elective from the student's second major
- Psychology Electives (3 hours): one course in Psychology
- Computer Literacy (3 hours): CIS 111
- The courses in the student's second major that are used to fulfill requirements in the two categories above must be approved in advance by the Psychology Department. The student who is a double major is under no obligation to utilize this arrangement for the double-major, and may elect to fulfill the requirements as specified for the single major.

### **REQUIREMENTS FOR ASSOCIATE MAJOR IN PSYCHOLOGY**

- Psychology (12 hours): PSY 105; nine (9) credit hours of Psychology electives
- Experimental Area (3 hours): one course from the following: PSY 307, 310, 311, 315, 316, 325
- Clinical & Social Psychology Area (3 hours): one course from the following: PSY 205, 206, 214, 305, 306, 405

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## **SOCIOLOGY**

The goal of the Department of Sociology and Criminal Justice is to contribute to the intellectual growth and empowerment of majors and the student body as a whole. This goal is realized through offering students opportunities to promote growth both in and around the classroom. Particularly, the student will explore the relationships between society, culture, and self in preparation to contribute to the discipline's humanitarian mission in future positions of responsibility (such as, citizen, family member, employee/employer, governmental official, and/or graduate student). The curriculum is geared toward flexibility, thus allowing the student to tailor coursework around interests and career aspirations, be they roles in the non-profit sector, research, government, human/community service, business, graduate education, or others.

Students who are Sociology majors must maintain a 2.50 grade-point-average. Majors must meet this requirement in both their major courses and their overall classes. If a student does not meet either of these grade-point-average standards, the department reserves the right to suspend their declaration of major. Similarly, any major who does not meet these requirements by their matriculation will not be recommended for candidacy for graduation by the departmental chair. Those students who do not meet these requirements in any given semester are required to meet with the Chair of the Department at the beginning of the following semester to discuss appropriate course of action.

### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN SOCIOLOGY**

- Sociology (36 total hours): SOC 105, 206, 301, 311, 405, 409; departmental electives (18 hours)
- Supporting Courses (9 total hours): MAT 208 or PSY 201; supporting electives (6 hours) chosen from ECO, HIS, POS, or PSY offerings
- Computer Literacy (3 hours): CIS 111 or equivalent
- Students must maintain a 2.5 grade point average – see statement above.

### **REQUIREMENTS FOR ASSOCIATE MAJOR IN SOCIOLOGY**

- Sociology (18 hours total): SOC 105, 206, 301, plus departmental electives 9 hours
- Supporting Courses (6 hours total): PSY 105; 3 hours from ECO, HIS, POS, or PSY
- Students must maintain a 2.5 grade point average – see statement above.

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## **SPANISH**

Thomas More College offers an A.A. and a B.A. in Spanish. Studying Spanish at TMC prepares students to be analytical thinkers as they develop as language learners and global citizens. Classes are small, allowing for individualized exploration of various topics. Students are also encouraged to expand their knowledge through courses in the consortium and study abroad.

The A.A. in Spanish explores several aspects of Hispanic cultures. The course of study allows students to perfect the five language skills—listening, reading, speaking, writing, and cultures—and provides the opportunity for introductory study in literature, business, current events, and other areas. An A.A. in Spanish is the perfect companion to fields like business, art, and the health professions, among others.

The B.A. in Spanish helps students obtain a deep understanding of Spanish and Hispanic cultures and business practices, while developing language and literature skills and advancing in proficiency. It prepares students to continue graduate studies in the language, and complements careers in health, law, business, education, and international affairs. Students pursuing a B.A. in Spanish are encouraged to pursue a concurrent major, and required to study abroad.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN SPANISH**

- Spanish (43 hours) : SPA 111 and 112 (or 101-102), 201, 202, 260, 303, 304, 306, 321, 331, 401, 411, 413, 431, 435
- Recommended electives: COM 370, 215; HIS 435, 436, 437; MAT 208; SOC 381; ART 255; ENG 255; PHI 230, 235; THE 408, 255.
- Study Abroad: Students are required to study abroad in a Spanish-speaking country. Both summer and semester-long programs are available. The requirement may be fulfilled by attending our sister school, Universidad del Sagrado Corazón in Puerto Rico, or by completing a program approved by the Directory of Study Abroad. Please see the Director of International Studies for more information on these programs and on Financial Aid available for them.
- Computer literacy (3 hours): CIS 111
- Students must earn a C+ or better in all SPA courses.
- Students must complete one of the following assessments their senior year: Spanish: World Languages Praxis II exam, Spanish language STAMP test, or ACTFL testing.

#### **REQUIREMENTS FOR ASSOCIATE MAJOR IN SPANISH**

- 15 credit hours beyond SPA 202: SPA 260, 303, 304, 306, 401
- Students must finish the program with at least an average grade of C in all Spanish courses.
- Students pursuing a degree in Spanish are strongly encouraged to participate in a study/travel abroad program to a country where Spanish is a language of origin or where there is a significant Hispanic population. Please see the Director of International Studies for more information on these programs and on financial aid available for them.

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## **SPORTS AND ENTERTAINMENT MARKETING**

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The Bachelor of Arts in Sports and Entertainment Marketing is a multidisciplinary study of business principles and processes applied to the sports and entertainment industries. This major is supported by courses from the fields of communication, economics, philosophy, accounting, and business. This degree program is designed to prepare students for further graduate study or a variety of career and leadership opportunities in sports business and recreational management. Students must choose an Associate of Arts major in Business Administration or Communication.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN SPORTS AND ENTERTAINMENT MARKETING ASSOCIATE MAJOR IN BUSINESS ADMINISTRATION**

- Sports and Entertainment Marketing (18 hours): SEM 310, 380, 392, 410, 420, 498
- Business Administration (24 hours): BUA 105, 249, 291, 292, 301, 302, 311, 321
- Supporting Courses (19 hours): ACC 101, ACC 102, COM 320, ECO 105, ECO elective, MAT 143
- Computer Literacy (3 hours): CIS 111
- Sports and Entertainment Marketing majors may not use ECO 105 to fulfill the core requirement in Social Science.

#### **REQUIREMENTS FOR BACCALAUREATE MAJOR IN SPORTS AND ENTERTAINMENT MARKETING ASSOCIATE MAJOR IN COMMUNICATION**

- Sports and Entertainment Marketing (18 hours): SEM 310, 380, 392, 410, 420, 498
- Communication (21 hours): COM 201, 204, 310, 320, 403, 420, 460

- Supporting Courses (28 hours): BUA 105, 291, 249, 311; ACC 101, 102; ECO 105, ECO elective; MAT 143
- Computer Literacy (3 hours): CIS 111
- Sports and Entertainment Marketing majors may not use ECO 105 to fulfill the core requirement in Social Science.

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
SPORTS AND ENTERTAINMENT MARKETING/COMMUNICATION**

- Sports and Entertainment Marketing (18 hours): SEM 310, 380, 392, 410, 420, 498
- Communication (30 hours): COM 105, 201, 215, 225, 320, 450, 460; Communication electives 9 hours
- Supporting Courses (28 hours): BUA 105, 291, 249, 311; ACC 101, 102; ECO 105, ECO elective; MAT 143
- Computer Literacy (3 hours): CIS 111
- Sports and Entertainment Marketing majors may not use ECO 105 to fulfill the core requirement in Social Science.

## THEATRE

The program in Theatre provides the student the opportunity to develop specialized skills in theatre arts while pursuing a liberal arts education. It also equips the students with a background in theatre basic to the pursuit of advanced study of personal or professional goals.

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN THEATRE**

- Theatre (33 hours): THR 105, 206, 207, 301, 302, 398, 401, 402, 425, 498; six hours of Theatre electives
- Dramatic Literature (12 hours): ENG 331, 371, 372 and 376
- Computer Literacy (3 hours): CIS 111
- Recommended: 3 hours of Movement or Dance
- Senior year: Comprehensive Examination and/or senior experience

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
THEATRE/ (OTHER MAJOR)**

- The Double major is a major in Theatre with a second area of concentration: Theatre-English, etc.
- Theatre (30 hours): THR 105, 206, 207, 301, 302, 398, 401, 402, 425, 498; one 3 hour elective
- Dramatic Literature (9 hours): ENG 331, Shakespeare, recommended
- Computer Literacy: CIS 111
- Senior year: Comprehensive examination and/or senior experience

**REQUIREMENTS FOR BACCALAUREATE MAJOR IN  
THEATRE AND COMMUNICATION**

- 48 hours (30 hours in area concentration; 18 in the other).
  - Concentration in Theatre:**
  - Theatre (30 hours): THR 105, 206, 207, 301, 302, 401, 402, 425; 6 hours electives
  - Senior year: Comprehensive Examination and/or Senior Experience
  - Communication Component (18 hours): COM 105, 201, 215, 225, 320, 460
  - Computer Literacy (3 hours): CIS 111
  - Concentration in Communication:**
  - Communication (30 hours): COM 105, 201, 215, 225, 320, 331, 460; 9 hours electives
  - Theatre Component (18 hours): THR 105, 206, 401, 402, 6 hours electives; or THR 105, 206, 401 plus 9 hours of electives determined by the director
  - Computer Literacy (3 hours): CIS 111

**REQUIREMENTS FOR ASSOCIATE MAJOR IN THEATRE**

- Theatre (24 hours): THR 105, 206, 207, 301, 302, 401, 402, 425

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## THEOLOGY

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The Theology courses are designed to present an overview of the content of the Christian faith with opportunities to study the meaning of religion in cultures that are not of the Judeo-Christian tradition.

The Theology program for majors has as its primary purpose an academic study of the content of Christian doctrine in order to prepare students for graduate study, for teaching Religious Education classes, for directing Religious Education programs, and for ecumenical dialogue in the community.

The Theology Department also offers certificate programs at the basic and advanced levels. These programs are especially intended for persons engaged in religious education or various Church-related ministries. Admission to the certificate program presumes demonstrated competency in English 150 but does not require other preliminary college level courses. Students entering ANY program with advanced standing in Theology must complete one half of the required credit hours in Theology at Thomas More College.

### REQUIREMENTS FOR BACCALAUREATE MAJOR IN THEOLOGY

- Theology (31 hours): THE 201, 205, 207, 219, 309, 317, 405, 406, 409, 410; one elective
- Supporting Courses (6 hours): HIS 202, 326, 327; Philosophy course from among PHI 325 or 401 that is beyond fulfillment of the core requirement
- Recommended Courses: PSY 214; SOC 215
- For Religious Education Teachers: THE 124, Catechetics
- Computer Literacy: CIS 111 or proficiency test

### REQUIREMENTS FOR ASSOCIATE MAJOR IN THEOLOGY

- Theology (18 hours): THE 201, 205, 207, 309; electives, 6 hours

### REQUIREMENTS FOR BASIC CERTIFICATE IN THEOLOGY

- Theology (18 hours): THE 201, 205, 207, 309, 317, 406

### REQUIREMENTS FOR ADVANCED CERTIFICATE IN THEOLOGY

- Theology (30 hours): THE 201, 205, 207, 219, 309, 317, 405, 406, 409, 425
- Philosophy (6 hours): PHI 205 and 215

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## **GRADUATE PROGRAMS**

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Thomas More College offers a Master of Business Administration, Master of Arts in Teaching, and Master of Education. Admission and degree requirements are determined by the Business Department for the Master of Business Administration and the Education Department for the Master of Arts in Teaching and Master of Education. For more information about either degree program, please contact the department.

### **TRANSFER WORK**

Thomas More College accepts up to 12 semester-hours credit in transfer and allows them to be applied to a Master's degree. Credit will only be granted for academic work substantially equivalent to that offered at Thomas More College. The credit must be attached to courses taken at an institution of higher education accredited by one of the Regional Accrediting Associations. The completed courses must carry a grade of B or better (3.00 or higher on a 0-4 quality point scale). Grades earned will not be used in the calculation of the Thomas More College GPA. Courses not awarded credit by the student's previous institution(s) cannot be transferred. A quarter-hour taken at schools operating on the quarter calendar system will convert to .667 semester hours at Thomas More College. A student's major department determines whether credit applicable to departmental requirements will be accepted in transfer.

### **NON-DEGREE STATUS**

Individuals wishing to take courses for academic credit (or audit) but not currently pursuing a graduate degree program may complete six hours of graduate course work as non-degree seeking students. Students must complete the respective admissions and pre-requisite requirements as described below and receive approval from the respective Program and/or Department Chair. Enrollment as a non-degree student does not imply admission to the degree granting program; however, non-degree students are held to the same academic standards as degree students. A non-degree student may apply for admission into a degree program. Students eligible for admission may apply six hours taken at Thomas More College in non-degree status, if that course work is deemed by the Program Chair to be appropriate to a degree program.

## **GRADUATE DEGREE REQUIREMENTS**

### **I. NON-CURRICULAR REQUIREMENTS FOR GRADUATE DEGREES**

Students must fulfill the following additional requirements to earn a degree from Thomas More College. Students will not receive a diploma or transcript from the College until the following requirements and obligations are met.

- A. A cumulative GPA of at least 3.0 is required for all students.
- B. All courses must be taken under the Letter Grading System.
- C. To assist the College's efforts in maintaining the quality of its academic program, students are required to participate in all assigned assessment activities. Students in the graduate programs must complete capstone major field testing to graduate from Thomas More College. Students must score no lower than one standard deviation below the national mean (unless otherwise specified by the policy of the student's major department). Students who do not earn the minimum scores must retake the test one time at their own expense to achieve an accurate measurement of the student's ability. Students who expect to graduate at any specific graduation date should ascertain from a faculty advisor in their major field(s) whether a comprehensive or specialized examination is required to complete the major requirements.
- D. In addition to the academic and non-curricular requirements for all degrees, students must satisfy all financial obligations to the College before receiving their transcript and diploma.

## II. CURRICULAR REQUIREMENTS FOR DEGREES:

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### MASTER OF BUSINESS ADMINISTRATION

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The Master of Business Administration is intended to provide the adult student who has significant employment experience and leadership potential in business or related fields an opportunity to acquire the additional professional knowledge and leadership skills that are represented by the degree in a manner consistent with the Thomas More College Statement of Purpose (Mission) and Statement on Values. The degree is offered by the Department of Business Administration through Thomas More Accelerated Programs (TAP) in an accelerated format featuring cohort scheduling, facilitative teaching style, and required study groups. Completion time is approximately 22 months.

The curriculum design recognizes that professional graduate study in business should be education for judgment. Executives and those preparing to be executives into the next century will need a visionary global outlook, comfort with technology, and a strong ethics/values framework within which to make decisions. Their verbal, interpersonal, team, cross-functional, computer, and quantitative skills must also be highly developed in order to function effectively in an increasingly complex, dynamic, transnational environment.

#### ADMISSION REQUIREMENTS

Admission into the MBA program is open to all persons holding a baccalaureate degree from a regionally accredited college or university, and who have completed the prerequisite courses. Applicants should also have significant professional work experience, preferably at least two years in a position of leadership. Applicant files will be reviewed by the chair of the Business Department, or a designee of the chair, to evaluate each applicant's work experience. Additionally, each applicant must be able to demonstrate potential success through:

- 1) completion of the Graduate Management Admissions Test (GMAT),
- 2) a score of at least 600 (250 computer-based) on the Test of English as a Foreign Language, in situations where English is not the first language.

Applicants with undergraduate coursework equivalent to that included in the Thomas More College B.B.A may enter into graduate coursework upon acceptance into the program. For those who do not meet the foregoing, an adequate level of proficiency must be shown in the following areas: Economics, Accounting, Finance, Calculus and Statistics. Applicants lacking any of these prerequisites must remove the deficiency. Economics and accounting must be removed prior to beginning any graduate course work. Finance, calculus and statistics must be removed before beginning the applicable/corresponding graduate course. Applicants should discuss the various options for completing these courses with an academic advisor from the Department of Business Administration M.B.A. program.

All applications will be reviewed by the Director of Adult and Professional Education and the Chairperson of the Department of Business Administration. The following criteria will be used to assess the admission status of each applicant.

- A. Unconditional Admit:** Two or more years of professional work experience and an undergraduate grade point average of at least 2.7 on a 4 point scale and a GMAT score in the 30<sup>th</sup> percentile or above.
- \* An applicant who falls short of either the GPA or GMAT criteria will still qualify for unconditional admission with a score of 1000 or more using the following formula:  $(200 \times \text{GPA}) + \text{GMAT score}$ .
- B. Conditional Admit - Level 1:**
1. Between one and two years of professional work experience and a score of 1000 or more using the following formula:  $(200 \times \text{GPA}) + \text{GMAT score}$ ; OR
  2. Two or more years of professional experience and a score of between 900 and 1000 using the following formula:  $(200 \times \text{GPA}) + \text{GMAT score}$ .

The admission condition for any applicant falling into this category is: The student must achieve a cumulative graduate grade point average of at least 3.2 through the first three courses in the curriculum. Failure to do so may result in the student being withdrawn from the program. The Graduate Admissions Committee will review this student's file to determine their ability to continue

in the program. Successful completion of the first three courses with a 3.2 GPA or better will result in the lifting of the condition to admission.

**C. Referred to Graduate Admissions Committee for review:**

1. Less than 2 years of professional work experience and a score of less than 1000 using the following formula:  $(200 \times \text{GPA}) + \text{GMAT score}$ ; OR
2. A formula score of less than 900 regardless of work experience; OR
3. Less than 1 year of relevant work experience regardless of formula score.

The Graduate Admissions Committee will review an applicant's file looking for evidence that the applicant will benefit from the program and that he or she will be able to contribute sufficiently to group learning activities (study group and cohort), which are integral components of the MBA program. Careful preparation of the following elements are suggested:

1. An essay addressed to the Graduate Admissions Committee that articulates why G.A.C. should consider the applicant for admission despite not meeting the outlined admission requirement. The applicant must submit a written narrative of no less than two pages and no more than four pages as to why the applicant believes he or she can be successful in an accelerated, graduate program. The Committee is looking for evidence that will justify waiving one or more admission requirements.
2. Two letters of Recommendation from supervisors, former faculty, and other persons who can speak to the applicant's workplace competence, academic ability, character, work ethic, leadership ability, etc. Letters from sources such as family, friends, peers, co-workers, direct reports are not recommended. A recommendation form for soliciting the necessary information will be provided by the Department of Business.
3. Applicants may also request an interview with the Graduate Admissions Committee to further present their case/argument.

The Graduate Admissions Committee, after reviewing the applicants file, will make one of the following determinations: Conditional Acceptance, Denial of Acceptance, or Withholding a decision pending further information.

Any applicant granted conditional acceptance by the Graduate Admissions Committee may be required to do any or all of the following:

- Complete up to the first 5 classes with a cumulative grade point average of 3.2 or better.
- Complete any or all of the program prerequisites with a B or better prior to beginning graduate level coursework. The format for the prerequisite coursework may vary.
- The Graduate Admissions Committee may suggest that an applicant retake the GMAT in an attempt to strengthen their admissions file. The Graduate Admissions Committee may further recommend that an applicant complete the outstanding pre-requisites and/or a GMAT prep course prior to retaking the exam.
- Meet with the Graduate Admissions Committee for a personal interview.

Any applicant who is admitted conditionally, and who fails to meet the conditions of admission, will have their file reviewed by the Graduate Admissions Committee to determine if the applicant is permitted to continue in the program. Any applicant who meets the conditions of admission will have the conditions lifted, and be permitted to proceed in the program subject to the guidelines faced by all program participants.

**GENERAL REQUIREMENTS**

- Students must maintain a 3.0 cumulative GPA to continue uninterrupted progression in the program.

**DEGREE REQUIREMENTS**

- The Class Continuing Company Case is a unique feature of the program. Students analyze a real firm in several of the courses, gaining a comprehensive view of the firm from a variety of perspectives. The various views are integrated in the capstone course, Strategy Formulation, Implementation and Evaluation. (MGT 613B)
- To insure that each student has adequately assimilated the material presented in the program, there is a comprehensive component to the M.B.A. program. This comprehensive component will consist of an evaluation by the entire faculty of the paper and presentation completed by the student in

MGT 613B and PRJ 692B. This comprehensive component is over and above the actual course grade that a student may achieve in the respective courses. Criteria for evaluation of this component will be distributed to the students prior to the course and will be held on file in the Department of Business Administration.

- For the traditional MBA, 48 credit hours are required as follows: MGT 611B, ACC 604B, PHI 605B, NEG 615B, QUA 630B, ECO 615B, OPS 660B, MGT 620B, FIN 630B, QUA 640B, LAW 620B, MKT 650B, MGT 612B, MGT 613B, PRJ 692B. All course descriptions are listed with the Business Department.
- Thomas More College also developed a Master of Business Administration designed for healthcare professionals. This option requires 50 credit hours as follows: MGT 610B, MGT 611B, ACC 604B, LAW 620B, FIN 630B, PHI 605B, NEG 615B, QUA 640B, ECO 617B, MKT 650B, OPS 660B, TEC 635B, MGT 612B, HCM 673B, MGT 613B, PRJ 692B.

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## MASTER OF ARTS IN TEACHING

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The Master of Arts in Teaching (MAT) program is designed for individuals who have a bachelor's degree in a certification area, from a regionally accredited college or university, and who wish to earn a teaching certificate for secondary or middle grades.

If a candidate has not met the content requirements for a certification area, the candidate must take the necessary undergraduate course work as recommended by that certification area. This coursework must be completed prior to admission to the MAT program.

Upon successful completion of the program, candidates will earn a Master of Arts in Teaching degree and a recommendation for Kentucky certification in one of the following areas:

<u>Grades P-12</u>	<u>Middle Grades 5-9</u>	<u>Grades 5-12</u>	<u>Grades 8-12</u>
Art	English/Language Arts	Business &	Biology
Spanish	Social Studies	Marketing	Chemistry
Theatre	Mathematics		Communications
	Science		Physics
			Mathematics
			English
			Social Studies

Note: The MAT Program does not provide certification in Elementary Education except for the specialty areas listed under columns **P-12** and **Grades 5-12**.

Candidates in the MAT Program will be admitted in one of two categories:

- **Track I, Alternative Certification MAT**– This track is for persons who currently hold a Temporary Provisional Certificate, a bachelor's degree in their intended certification content area from a regionally accredited college or university, and are currently teaching in their intended certification content area. This is a **35-hour** track. During Year Two, Track I students may participate in the Kentucky Teacher Internship Program.
- **Track II, Traditional MAT** – This track is for persons who hold a bachelor's degree from a regionally accredited college or university in one of the certifiable majors listed above but have had little or no education coursework. This is a **35-hour** track. A variation in coursework from Track I is the addition of a 2 hour Field Experience class. In addition, Track II students participate in Student Teaching for fourteen weeks or 70 days during their final semester.

Candidates in the MAT Program are expected to complete the program over a two-year period which includes the two intervening summer sessions. Classes will be held at night and during the summer. Candidates may enter the program during the fall semester.

### ADMISSION REQUIREMENTS

The following items are required for admission into the MAT program:

- Application to the Master of Arts in Teaching Program
- Personal narrative or essay, typed, 300-500 words, which includes:
  1. A brief autobiography
  2. A description of life experiences related to the planned certification area

3. Human relations incident - a reflective description of teaching or other experience with young people - from a human relations standpoint, the event had special meaning
  4. The required essays must include and address the following: Creativity, Critical Thinking, Communication, and Collaboration.
- Official transcripts of all undergraduate and graduate work completed sent directly from the issuing institution to Thomas More College - Content area faculty will assist in transcript review to determine if additional undergraduate coursework is needed prior to admission to the program.
  - Undergraduate and Content GPA of 2.7 or higher. Candidates must submit either the Pre-Professional Skills Test (PPST) IN Mathematics (0730, min. score of 174), or Computerized PPST Mathematics (5730, min. score of 174), and PPST Reading (0710, min. score of 176), or Computerized PPST Reading (5710, min. score of 174), and PPST Writing (0720, min. score of 174), or Computerized Writing (5720, min. score of 174). **OR** Successful completion of the Graduate Record Exam (GRE) with a minimum score of Verbal (450), Quantitative (490), and Analytical (4.0), if the GRE was completed prior to 08/2011. After 08/2011 the following scores must be met: Verbal (150), Quantitative (143), and Analytical (4.0). Scores must be on file in the MAT Office prior to admission.
  - Resume
  - Two recommendation forms (included in the application packet) – one from a school principal if currently teaching; a current or previous supervisor; and/or a non-family member who can attest to the candidate's potential for success as a teacher
  - Kentucky (or state of residence) criminal records check
  - Signed copy of the *Kentucky School Personnel Code of Ethics* included in the application packet
  - Signed copy of the Character and Fitness document
  - Completed the Professional and Personal Self-Assessment Dispositions document
  - Interview with Alternative Certification Admissions Committee
  - Approval by Alternative Certification Admissions Committee OR Graduate Admissions Committee (if appropriate)

#### **GENERAL REQUIREMENTS**

- Students must maintain a 3.0 cumulative GPA to continue uninterrupted progression in the program.
- Students enrolled in the MAT Program must complete the PRAXIS II Content Area Exam with an acceptable score on file in the MAT Office.
- Students enrolled in Track I must complete the TC-1 Form (included with application packet) in cooperation with their school district human relations officer and the MAT Coordinator. The state approved form must be on file with the District office (original) and the MAT office (copy). This serves to verify that the MAT student is enrolled in a program for alternative certification.
- Students must submit and orally present a satisfactory Professional Portfolio that documents achievement of the Kentucky Teacher Standards.

#### **EXIT REQUIREMENTS**

- The MAT candidate must successfully complete all course work as listed on the curriculum contract.
- The MAT student must have a minimum GPA of 3.0 with no grade less than C.
- The Exit Portfolio must be presented and approved.
- Students must successfully complete the PRAXIS II, Principles of Learning and Teaching Exam (PLT) before enrolling in the last course of the program. Scores must be on file in the MAT office.
- The MAT candidate must successfully complete, present, and have approved the professional portfolio based on Kentucky Teacher Standards.
- The MAT candidate must have on file in the MAT Office copies of completed Dispositions Assessments.
- Track I students must successfully complete all program requirements.
- Track II students must successfully complete the Student Teaching assignment.
- The Application for Graduation must be approved by the MAT faculty and the Registrar.
- The MAT candidate must complete the exit interview which includes completion of forms required for initial teacher certification in the Commonwealth of Kentucky.

#### **DEGREE REQUIREMENTS**

- Track I (35 hours): EDM 505, 510, 511, 512, 515, 517, 518, 520, 528A, 528B, 536A, 536B, 536C
- Track II (35 hours): EDM 505, 510, 511, 512, 515, 517, 518, 520, 528A, 528B, 535, 551

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## MASTER OF EDUCATION

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The Master of Education program will follow the theme of The Teacher as Leader in a Learning Community, which is consistent with the Thomas More Education Department's vision. The program works to engage, enhance, and execute leadership qualities in the classroom outlined in the Kentucky Teacher Standards. All candidates will bridge classroom experiences with professional learning communities, teacher leadership, and 21<sup>st</sup> century skills to increase student learning for K-12 students.

The classes offered through the program integrate the ideas of democracy and social justice with the concepts of planning and preparation, the classroom environment, instruction, and professional responsibility. The following themes direct that integration:

- Teacher Effectiveness
- Professional Growth
- Equity in Schools
- High Expectations
- Technology Integration
- Purposeful Teaching
- Coherent Planning and Instruction

### ADMISSION REQUIREMENTS

- Application to the Master of Education Program
- In-service teachers must hold a current teacher certification and be employed within a school district for at least one year
- Undergraduate cumulative GPA of 2.70 or combined GRE score of 308
- Resume
- Three references and contact information
- Signed copy of the Kentucky Professional Code of Ethics Form
- On-campus interview with the M.Ed. Committee
- Writing sample answering one of the following questions:
  1. What is the role of leadership in your content area?
  2. What is the role of technology in education?
  3. What skills are needed to be successful in the 21<sup>st</sup> Century?

### GENERAL REQUIREMENTS

- An extensive mentoring relationship will be developed to follow the Teacher Leader candidates through the successful completion of the program. A continuous assessment plan will be developed and followed with regular program checkpoints throughout the program.
- The Capstone Project is the culminating project for the program. Teacher Leader Candidates will synthesize their graduate school knowledge with classroom experience. The Project begins after completion of the core courses and is completed with the guidance and mentoring of a Capstone Project Committee. The Candidate will design, implement, and analyze an action-research project to meet a real-world need in their classroom, school, or district. This final project represents the Teacher Leader Candidate's end result of substantial research and original thinking.

### EXIT REQUIREMENTS

- Successful completion of all coursework as listed on the Curriculum Contract
- Minimum GPA of 3.00 with no grade less than C
- Dispositions Assessment
- Updated Professional Growth Plan
- Evidence of Learning/Professional Growth Essay
- Successful completion of capstone/research project
- Application for Graduation approved by the Education Faculty and the Registrar
- Completion of Exit Interview/Survey

### DEGREE REQUIREMENTS

- 33 hours: EDM 611, 612, 621, 622, 631, 632, 633, 634, 651, 652, 701

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# **COURSES OF INSTRUCTION**

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## ACCOUNTANCY

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### **ACC 101 INTRODUCTORY ACCOUNTING I (3)**

Introduces students to general accepted accounting principles and published financial statements and serves as a foundation for further study in accounting and business administration. Topics examined in the course include: fundamental bookkeeping rules; the accounting cycle; the merchandising firm; current assets; long-term investments; fixed assets; intangible asset; and current liabilities. Accounting for sole proprietorships is stressed.

### **ACC 102 INTRODUCTORY ACCOUNTING II (3)**

Prerequisite: ACC 101. Continuation of ACC 101. It completes the examination of financial accounting topics and introduces students to fundamental management accounting practices. Accounting for both partnerships and corporations is explored. Major topics include: accounting for long-term liabilities; accounting for owners' equity in partnerships and corporations; the cash flow statement; commonly used liquidity, solvency, and profitability ratios; product costing; factory overhead calculations; job order costing; process costing; activity based costing; just-in-time manufacturing; service department cost allocations; budgeting; flexible budgets; standard costing; and capital budgeting.

### **ACC 201 INTERMEDIATE ACCOUNTING I (3)**

Prerequisite: ACC 101 and 102. A thorough course in theory and problems in which various methods of solving practical accounting problems are presented. The course supplies a broad background of accounting theory that will enable the student to recognize accepted differences in accounting methods and to develop individual concepts in matters of accounting principles. Knowledge of working paper layout is a primary requisite and the problems offered are a challenge to students' ability to observe, reason, and to make proper decisions on the basis of known facts.

### **ACC 202 INTERMEDIATE ACCOUNTING II (3)**

Prerequisite: ACC 201. A further development of the practical aspects of accounting, illustrating accepted methods of recording issuances of various types of stock for corporations and various capital accounts. Other topics included are problems in presentation of various liabilities and funds and the preparation of comparative reports and statement analysis.

### **ACC 205 ACCOUNTING FOR MANAGEMENT (3)**

A course examining the use of costs in business planning, control, and management decision making. An emphasis is placed on the identification and analysis of relevant costs in specific decision making situations.

### **ACC 208 A SURVEY OF FINANCIAL ACCOUNTING (3)**

Course Requirement: Accelerated Program students completing prerequisites for the M.B.A. program. A prerequisite to the accounting course required in the M.B.A. program. An emphasis is placed on financial accounting topics, including the time value of money concepts, with a concentration on the use of financial information.

### **ACC 210 A SURVEY OF ACCOUNTING (4)**

Course Requirement: B.B.A. (TAP accelerated option) students. An introduction to accounting for B.B.A. (TAP accelerated option) students. The emphasis is on financial accounting topics, with concentration on the uses of financial information. The course also covers managerial topics such as budgeting, cost-volume-profit analysis, and standard cost. This course replaces ACC 101 and 102 for B.B.A. (Accelerated option) students.

### **ACC 301 COST ACCOUNTING I (3)**

Prerequisite: ACC 101 and 102. A study in the control and cost of materials, direct labor, and overhead with special emphasis on job-shop and process costing, cost allocation and Activities-Based costing systems and management.

### **ACC 302 COST ACCOUNTING II (3)**

Prerequisite: ACC 301. An advanced course in cost management and decision making techniques, budgeting, and financial planning, standard costing systems and performance measurement.

### **ACC 305 GOVERNMENTAL ACCOUNTING (3)**

A study of the principles and procedures of fund accounting as used by governmental, educational, and other non-profit or public funded entities.

**ACC 311 TAXATION I (3)**  
Prerequisite: ACC 101 and 102. An examination of tax laws and regulations in relation to their underlying principles. A further study is included of the federal income tax for individuals and the preparation of the individual's income tax return. Problems in determining income tax for individuals are discussed.

**ACC 312 TAXATION II (3)**  
Prerequisite: ACC 311. A continuation of ACC 311 and is an advanced course designed for study and practice in regard to federal income tax for partnerships, corporations, estates and trusts, federal estate and gift taxes, social security and other important taxes.

**ACC 355 SPECIAL TOPICS (3)**  
Special topics courses are offered under this number for topics in Accountancy that are not included in the established curriculum.

**ACC 400 INDEPENDENT STUDY (1-3)**  
Departmentally approved independent study in a selected area of accounting under the supervision of a member of the department.

**ACC 401 ACCOUNTING SEMINAR I (3)**  
Prerequisite: ACC 101 and 102; Recommended: ACC 202. A seminar examining advanced accounting for business combinations with emphasis on parent and subsidiary accounting, consolidations, mergers, equity method of reporting investments in common stock and segment and interim reporting.

**ACC 402 ACCOUNTING SEMINAR II (3)**  
Prerequisite: ACC 101 and 102; Recommended: ACC 202. A seminar examining foreign currency transactions and translation of foreign currency financial statements, accounting for the organization, division of profit and loss and liquidation of partnerships and accounting for governments and not-for-profit organizations.

**ACC 420 ACCOUNTING INFORMATION SYSTEMS (3)**  
Prerequisite: ACC 202, CIS 111. A course examining how an organization processes its economic transactions, transforming accounting data into information useful in decision making. Topics explored include: The use of flowcharts to document accounting systems; a study of database management systems and the construction of accounting databases using Microsoft Access; an overview of enterprise resource planning (ERP) systems; and a detailed examination of several accounting application subsystems. Special attention is placed on the internal controls employed to ensure the integrity of data processing.

**ACC 422 AUDITING PRINCIPLES AND PROFESSIONAL ETHICS (3)**  
Prerequisite: ACC 420. A course exploring the fundamental principles of auditing and the procedures used in the analysis and verification of accounts. The course spans the entire audit process, from the initial planning stages to the issuance of the final audit report. Emphasis throughout the course is placed on risk evaluation and the accumulation of evidence to support the audit opinion. In addition to investigating the technical aspects of an audit, the course also examines the ethical responsibilities of the professional auditor to society.

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**ART**

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*N.B. Certain studio courses can be taken for two or three credit hours. Students earn three credit hours by completing additional assignments and with the permission of the instructor. Such courses are indicated with an asterisk beside the number of credits.*

**ART 101 DRAWING ON THE RIGHT SIDE OF THE BRAIN (\*3)**  
A course designed for the non-major. Students learn how to draw using variations on the methods devised by Betty Edwards in her book of the same title.

**ART 102 DRAWING ON THE RIGHT SIDE OF THE BRAIN II (\*3)**  
Prerequisite: ART 101. A course for the student who has completed ART 101 and wishes to continue the study of drawing using the same method.

- ART 116 3-DIMENSIONAL DESIGN (3)**  
A studio course dealing with the study of and experimentation with basic elements and principles of visual design in a sequence of three-dimensional problems. A variety of materials will be used.
- ART 117 2-DIMENSIONAL DESIGN (3)**  
A fundamental course designed to introduce the student to the art elements, principles of design and their uses and consideration in visual composition.
- ART 118 FIGURE DRAWING I (\*3)**  
Prerequisite: ART 101 or 215. A studio course concentrating on the human figure as a subject matter in drawing. Students will work from a live model using a variety of media and techniques and various compositional ideas. Attendance is absolutely required.
- ART 119 FIGURE DRAWING II (\*3)**  
Prerequisite: ART 118. An exploration of advanced problems dealing with the human figure in drawing by working from a live model.
- ART 120 FIGURE DRAWING III (\*3)**  
Prerequisite: ART 119. A continuation of Figure Drawing II.
- ART 121 CERAMICS I (\*3)**  
Experimentation with various hand building and wheel throwing techniques. Students will deal with the exploration of functional and sculptural statements in clay. Experience in glaze application and kiln loading.
- ART 122 CERAMICS II (\*3)**  
Prerequisite: ART 121. A continuation of techniques and problems explored in Ceramics I.
- ART 125 HISTORY OF MODERN ART (3)**  
A survey class that provides art majors and non-majors an overview of twentieth century artistic movements and styles. Teaching methods include slide lectures, videos, and field trips. Open to non-majors.
- ART 146 COLOR THEORY (\*3)**  
A studio course that examines the fundamentals of color theory with emphasis on pigment mixture, color interaction, and craft skills. Open to non-majors.
- ART 152 HISTORY OF PHOTOGRAPHY (3)**  
A survey of the history of the photographic processes, ideas about ways we view the world through constructed images, and about photography as a fine art.
- ART 215 DRAWING I (3)**  
An entry-level studio course in which students will learn about a wide variety of drawing techniques and materials. Self-initiated drawing problems are a part of the work in this course. Open to non-majors.
- ART 216 DRAWING II (3)**  
Prerequisite: ART 101 or 215. A continuation and elaboration of Drawing I.
- ART 221 TEACHING ART IN ELEMENTARY SCHOOL (3)**  
A course designed primarily for the classroom teacher who may be teaching in a school without an art specialist. This course provides for a variety of experiences such as involvement in all kinds of media, aesthetic exercises, art history through museum visits and experience with art criticism at various levels. Students will have a vital role in designing and implementing their own sequence of art lessons for an after school art program. *Cross-listed with EDU 221.*
- ART 231 PRINTMAKING (3)**  
A studio course introducing various techniques in the printmaking process. Types of printmaking could include intaglio, etching, dry point collographs, silkscreen or relief painting.
- ART 241 PHOTOGRAPHY I (\*3)**  
Photography is a study of basic photographic processes, camera and darkroom experimentation, with picture making as a descriptive and expressive art form. A 35-mm camera is required. Open to non-majors.

- ART 242 PHOTOGRAPHY II** (3)  
Prerequisite: ART 241. A continuation and elaboration of Photography I.
- ART 248 DESIGN TOOLS** (3)  
Introduction to the digital tools of any design work. It includes learning to use software for Photoshop, Adobe Illustrator and InDesign. *Cross-listed as CIS 248.*
- ART 251 HISTORY OF ART I** (3)  
A survey course examining architecture, sculpture, and painting beginning with prehistoric art and continuing through European Medieval art. History majors are encouraged to complete this course. Open to non-majors.
- ART 252 HISTORY OF ART II** (3)  
A survey course examining architecture, sculpture, and painting beginning with Early Renaissance art and continuing to the mid 19<sup>th</sup> century. Open to non-majors.
- ART 253 ART IN THE TWENTIETH CENTURY** (3)  
Pre-requisite: ART 251, 252. Part three of the survey of art history, specifically dealing with art of the twentieth century.
- ART 255 SPECIAL TOPICS** (variable credit)  
Art courses not offered on a regular basis will be listed under this number.
- ART 256 AFRICAN-AMERICAN ART AND ARTISTS** (3)  
A survey of visual arts produced by African American artists during the 19<sup>th</sup> and 20<sup>th</sup> centuries. The cultural and historical contexts as well as images and works produced about African-Americans will also be examined.
- ART 257 ART AND CULTURE OF THE AMERICAN WEST** (3)  
An examination of the ways in which paintings, prints, and photographs of the American West can be used to understand broader cultural ideas about the land and its peoples. It has been designed to introduce students to the history of Western American art from the early 19<sup>th</sup> century to the present, with special emphasis on theoretical approaches that suggest the ways in which visual imagery can be used as a primary source document to illuminate issues of broader historical concern.
- ART 260 ART AND THE CHILD** (3)  
A course for students preparing to teach art on the elementary level. Stages of art development in the young child, discussion of current literature in the field, as well as the history of art education will be covered. There may be some studio experiences as they relate to the teaching of art on this level.
- ART 261 TEACHING ART IN SECONDARY SCHOOL** (3)  
A studio and lecture course for students preparing to teach in secondary school. The student will study the literature of art education and the methods of teaching art in the high school. Students will execute projects used in teaching art at this level. This course should be taken prior to supervised student teaching.
- ART 265 GRAPHIC DESIGN FOUNDATIONS** (3)  
This course is an integration and expansion of how to deal with the visual elements in a clear and concise visual communication. Students will be asked to design with, make aesthetic judgments about, and communicate via visual form. The final third of the course will delve into symbol and mark development on a purely elemental foundation.
- ART 266 TEXT & TYPE** (3)  
Prerequisite: ART 117. A course that concentrates on basic design principles relating specifically to typography. Students will develop an understanding of letter form construction, proportion, and design. The last third of this course will deal with the creative use of typography in logos and marks, extending student research into symbol development.
- ART 268 HISTORY OF DESIGN** (3)  
Prerequisites: ART 125, 251, or 252. A study of design theory, including lectures and discussions. Open to non-majors.

- ART 269 PRODUCTION METHODS FOR THE GRAPHIC DESIGNER (3)**  
A course for graphic design students to teach some of the basic tools and equipment used by designers. Part of the course will involve learning how to use computer software needed in page layout and production.
- ART 272 AMERICAN ART: PRE-COLUMBIAN TO THE CIVIL WAR (3)**  
A survey of American painting, decorative arts, sculpture, and architecture from pre-Columbian works through the Civil War.
- ART 273 AMERICAN ART: THE GILDED AGE TO THE 21<sup>ST</sup> CENTURY (3)**  
A survey of American painting, decorative arts, sculpture, and architecture from the Gilded Age to the twenty-first century.
- ART 311 SCULPTURE I (3)**  
In the sculpture courses, students will experiment with traditional and contemporary approaches to sculpture, including carving, modeling, casting, and construction techniques.
- ART 312 SCULPTURE II (3)**  
Prerequisite: ART 311. A continuation and elaboration of Sculpture I.
- ART 315 DRAWING III (3)**  
Prerequisite: ART 216. A course examining media and style with an emphasis on developing personal imagery. Projects are assigned with student input, resulting in finished art works.
- ART 316 DRAWING IV (3)**  
Prerequisite: ART 315. A continuation of Drawing III.
- ART 321 PAINTING I (3)**  
Prerequisite: ART 101 or 215. A fundamental course in painting designed to introduce the student to the basic techniques and processes of oil and/or acrylic painting.
- ART 322 PAINTING II (3)**  
Prerequisite: ART 321. A studio course stressing the exploration of the painting medium as means of personal creative expression with an increased emphasis on composition and structure.
- ART 325 PORTRAIT DRAWING (3)**  
Prerequisite: ART 215. An advanced drawing class focusing on drawing the human face. Involved are study of the underlying skeletal and muscular structures of the face as well as proportions. A large part of the class involves "putting it all together" in portrait drawings from life, and studies of models from different ages. A variety of media will be used.
- ART 350 THE CINCINNATI WING AT THE CINCINNATI ART MUSEUM (3)**  
A course about the social and cultural history of Cincinnati as studied using the collection of works in the Cincinnati Wing at the Cincinnati Art Museum.
- ART 355 SPECIAL TOPICS (variable credit)**  
Art courses not offered on a regular basis will be listed under this number.
- ART 356 REALISM IN WESTERN ART (3)**  
A course exploring the concept of realism in 19<sup>th</sup> and 20<sup>th</sup> century visual art in Europe and America. We will examine the roots and the development of the "real" as applied to painting, sculpture and photography and discuss in what context this word is used today. Aesthetics and criticism background will be helpful.
- ART 357 A CRITICAL LOOK AT WINSLOW HOMER AND THOMAS EAKINS (3)**  
Seminar style class examining the work of Winslow Homer and Thomas Eakins, two late nineteenth century American artists.
- ART 360 VISUAL COMMUNICATIONS (3)**  
Prerequisite: ART 265. An investigation of graphic design and related technical, analytical, visual and creative thinking skills. Course topics include visual symbols, abstraction, media exploration, graphic reinterpretation, three-dimensional design, visual expression and information design.

- ART 361 DESIGN SYSTEMS** (\*3)  
Prerequisite: ART 265 or 266. A course building on skills from ART 117 and ART 266. The use of grid systems will be introduced as a means of organizing and composing type and images. Knowledge of Aldus PageMaker© software is suggested for this class, but is not necessary.
- ART 366 COMPUTER GRAPHICS: ILLUSTRATION** (\*3)  
An in-depth focus on the illustrative uses of computer technology. Adobe Illustrator© and Photoshop© will be utilized in a creative and imaginative way.
- ART 367 COMPUTER GRAPHICS: DESKTOP PUBLISHING** (\*3)  
A course exploring the computer as a production tool with type and images. PageMaker 6.0© will enable students to develop a broader understanding of current trends in computer technology as well as page layout. Although design aesthetics is discussed, the emphasis is on mastering the software program.
- ART 400 INDEPENDENT STUDY** (variable credit)  
Special art projects subject to departmental approval and under the direction of a departmental faculty member.
- ART 416 SENIOR SEMINAR/THESIS PROJECT** (3)  
According to the emphasis declared, art majors will, in their senior year, meet in a seminar setting in which they will discuss contemporary issues in the art world, and design and implement a thesis project particular to their chosen area of emphasis.
- ART 421 PAINTING III** (3)  
Prerequisite: ART 322. Students will demonstrate advanced level painting in acrylic and/or oils.
- ART 422 PAINTING IV** (3)  
Prerequisite: ART 421. This course is a continuation of Painting III.
- ART 423 ADVANCED CERAMICS** (3)  
Prerequisite: ART 121 or 122. Students in this advanced class will work on more advanced projects either sculptural or utilitarian in nature.
- ART 455 SELECTED TOPICS** (variable credit)  
Courses in Art other than those listed will be available under this number. For Art majors only; others can be admitted by permission of the department. Offerings under this course number can include Prismacolor Drawing, Color Media Drawing, Figure Painting and Portrait Drawing, as well as art history electives.
- ART 461 PORTFOLIO AND PROFESSIONAL PREPARATION** (\*3)  
Course Requirement: Graphic Design students only. A course focusing on complex applications of marks, logotypes, symbols, and their application in a corporate identity system. Students will be expected to draw together all information gained in design courses thus far and apply it to more complex and demanding projects. Thesis concept and development will begin in this course.
- ART 466 ART HISTORY SEMINAR** (3)  
Course Requirement: Art History majors. A seminar offering an intensive study of a particular topic. Students will work on researching and writing a substantial research paper.
- ART 495 INTERNSHIP IN ART** (1-3)  
Interns work within organizations or other settings gaining experience in a specific area of art.

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**BIOLOGY**

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- BIO 101/102 GENERAL BIOLOGY I, II** (4, 4)  
**BIO 101L/102L GENERAL BIOLOGY LAB I, II**  
3-hour lecture, 3-hour lab. Prerequisite: BIO 101 is a prerequisite for BIO 102. Corequisite: CHE 111 is a corequisite for BIO 101. An examination of the characteristics of living organisms including a study of the cell theory, levels of organization, and principles of taxonomy as expressed in plant and animal forms.

- BIO 202 GENERAL PHYSIOLOGY (4)**  
**BIO 202L GENERAL PHYSIOLOGY LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 102. A study of physiochemical bases, regulation and integration of biological activities at various levels of organization. *Students cannot earn duplicate credit in BIO 202 and 212.*
- BIO 205 BIOLOGICAL LITERATURE (3)**  
**BIO 205L BIOLOGICAL LITERATURE DISCUSSION**  
 Prerequisite: BIO 102. Covers the standard references and forms of literature in the biological sciences through specific library assignments and reports. Also included are the reading, evaluation, and discussion of classic works in the field and the preparation and writing of a biological review and/or experimental paper.
- BIO 206 GENETICS (4)**  
**BIO 206L GENETICS LAB**  
 3-hour lecture, 2-hour lab. Prerequisite: BIO 202 or both BIO 102 and 211. An analysis of heredity and variation from Mendel to the present, involving the physical structure and metabolic direction of the gene, its expression and transmission. Students will conduct laboratory investigations of *Drosophila* and other genetic materials in terms of inheritance ratios, gene frequency, and probability.
- BIO 207 MEDICAL TERMINOLOGY (2)**  
 Prerequisite: BIO 102. A course examining the derivation, application, and pronunciation of selected scientific terms in general and medical terms in particular.
- BIO 211/212 ANATOMY AND PHYSIOLOGY I, II (4, 4)**  
**BIO 211L/212L ANATOMY AND PHYSIOLOGY LAB**  
 3-hour lecture, 3-hour lab. Corequisite: CHE 103 or 111. A sequence of courses is designed to provide students of Medical Laboratory Science, Nursing, and other medically related fields with an understanding of the human body as realized through the various levels of organization, i.e. cell, tissue, organ, system, and integrated organism. *Students cannot earn duplicate credit in BIO 202 and 212.*
- BIO 214 EXERCISE PHYSIOLOGY (3)**  
 Prerequisite: BIO 202 or both 211 and 212. A course examining the application of basic physiological concepts to exercise in the context of environmental conditions with special reference to conditioning, performance, and rehabilitation. *Does not count towards the Biology major or for Natural Science core credit.*
- BIO 215 NUTRITION (2)**  
 Prerequisite: CHE 103/103L, 104/104L; BIO 211, 212. A course examining sources of dietary intake, and metabolism of food nutrients including proteins, lipids, carbohydrates, minerals and vitamins. Students will investigate the relationship between nutrition and health. *Does not count towards the Biology major or for Natural Science credit.*
- BIO 216 INTRODUCTION TO MEDICAL MICROBIOLOGY (4)**  
**BIO 216L MEDICAL MICROBIOLOGY LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: Earned 'C' grade or above in BIO 102 or BIO 212. An introduction to microorganisms and their role in human health and disease. Topics covered in this course will include the structure, physiology, biochemistry and genetics of bacteria, fungi, protists, helminths and viruses. Epidemiology, immunology, and the disease process will also be covered. *(Credit cannot be obtained for both BIO 216 and BIO 305.)*
- BIO 227 BIOLOGY OF AGING (3)**  
 Prerequisite: BIO 102 or 212. A study of the biological aspects of the aging process generally, with an emphasis on the human aging processes as they are currently understood at the molecular, cellular, systemic, and organismic levels of organizations.
- BIO 255 PHARMACOLOGY (3)**  
 Prerequisite: Earned 'C' grade or above in BIO 212 and CHE 104. A study of the pharmacological properties of drugs relative to their origin, classification, and dosage with emphasis on pharmacodynamics and pharmacotherapeutics.

- BIO 301 COMPARATIVE ANATOMY** (Organismic) (4)  
**BIO 301L COMPARATIVE ANATOMY LAB**  
 2-hour lecture, two 3-hour labs. Prerequisite: BIO 205. Students will study the relationships of vertebrates by noting structural similarities and differences in each organ system. Representative vertebrates, *Squalus*, *Necturus*, and *Felis* are used for laboratory studies.
- BIO 305 MICROBIOLOGY** (Organismic) (4)  
**BIO 305L MICROBIOLOGY LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 202 (or both BIO 102 and 212) and 206. The structures and functions of microorganisms will be examined including viruses, bacteria, fungi, protista, and helminths and their roles in the environment and their impact on human health. An introduction to biotechnology and practical applications of microbiology will also be incorporated. (*Credit cannot be obtained for both BIO 216 and BIO 305.*)
- BIO 308 AQUATIC BIOLOGY** (Ecological) (4)  
**BIO 308L AQUATIC BIOLOGY LAB**  
 Prerequisite: BIO 102. An analysis of fresh-water communities, emphasizing ecological relationships of aquatic organisms, including food chains, energetics and community relationships. Students will conduct field practices stressing collecting techniques and lab practices stressing water chemistry analysis. Students will then isolate and identify organisms. (*Summer Session Only.*)
- BIO 309 FIELD BIOLOGY** (Ecological) (4)  
**BIO 309L FIELD BIOLOGY LAB**  
 Prerequisite: BIO 102. A survey of the flora and fauna in the Kentucky-Ohio-Indiana area with emphasis on the identification of organisms, habitat types, and ecological relationships. (*Summer Session Only.*)
- BIO 315 INVERTEBRATE ZOOLOGY** (Organismic) (4)  
**BIO 315L INVERTEBRATE ZOOLOGY LAB**  
 3-hour lecture, 3-hour lab, research project. Prerequisite: BIO 205 and either BIO 202 or 212. A survey course investigating the protozoa through the major invertebrate groups, stressing anatomical and functional aspects with relevant evolutionary implications.
- BIO 317 DEVELOPMENTAL BIOLOGY** (Cellular & Molecular) (4)  
**BIO 317L DEVELOPMENTAL BIOLOGY LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 206. An examination of the ontogeny of plants and animals at the molecular, cellular, and gross structural levels with emphasis on experimental investigation of processes such as aggregation, differentiation, induction, and regulation.
- BIO 318 ECOLOGY** (Ecological) (4)  
**BIO 318L ECOLOGY LAB**  
 3-hour lecture, 3-hour lab, research project. Prerequisite: BIO 205; BIO 202 or BIO 212 or ENV 214. A study of the ecosystem, population, community structure and regulation, with some emphasis on the application of ecological principles and the conservation of natural resources.
- BIO 319 CELL BIOLOGY** (Cellular & Molecular) (4)  
**BIO 319L CELL BIOLOGY LAB**  
 3-hour lecture, 3-hour lab, research project. Prerequisite: BIO 205; 202 or 212. Students will study the activities of living organisms at the cellular level, with special attention directed to cellular fractionation, energetics, metabolism, biochemistry, and homeostatic mechanisms.
- BIO 325 ANIMAL BEHAVIOR** (Ecological) (4)  
**BIO 325L ANIMAL BEHAVIOR LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 102. Course Requirement: Biology majors only. Students will study behaviors specific to animals other than man. Topics include instinct, environmental stimuli, learning, communication, aggression, sociobiology, and the evolution of behavior. Laboratories stress field observations and group projects. (*Cross-listed as PSY 325.*)

- BIO 326 IMMUNOLOGY** (Cellular & Molecular) (4)  
**BIO 326L IMMUNOLOGY LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 202 (or both BIO 102 and 212) and 206. A basic course on cell-mediated and humoral aspects of immunity with reference to laboratory procedures for determining immunological status.
- BIO 328 VERTEBRATE BIOLOGY** (Ecological) (4)  
**BIO 328L VERTEBRATE BIOLOGY LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 205. A lecture and laboratory course examining the five major groups of vertebrates: fish, amphibians, reptiles, birds and mammals. The course will emphasize taxonomy and natural history.
- BIO 329 BOTANY** (Organismic) (4)  
**BIO 329L BOTANY LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 205. Botany is a study of morphology, physiology, classification, distribution and evolution of protista, fungi, nonvascular, and vascular plants.
- BIO 330 BIOCHEMISTRY** (Cellular & Molecular) (4)  
**BIO 330L BIOCHEMISTRY LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 202 (or both BIO 102 and 212) and 206. Corequisite: CHE 240. An exploration of the molecular and chemical basis of life. The relationship between molecular structure and function is stressed as it applies to the metabolism and reproduction of a living organism. The laboratory focuses on learning the techniques currently used in the field of biochemistry.
- BIO 340 VERTEBRATE HISTOLOGY** (Organismic) (4)  
**BIO 340L VERTEBRATE HISTOLOGY LAB**  
 3-hour lecture, 3 hour lab. Prerequisite: BIO 202 or both BIO 102 and 212. Students will study the major tissue types found in vertebrate organisms with an emphasis on the microscopic anatomy and the corresponding functions of the living tissue.
- BIO 341 MOLECULAR GENETICS** (Cellular & Molecular) (4)  
**BIO 341L MOLECULAR GENETICS LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 206. A course examining the tools of molecular genetics and the current knowledge of the nature and function of genes. It is an advanced genetics course that builds on the knowledge gained in BIO 206. The lecture portion focuses on the genetic basis of disease. The laboratory portion utilizes DNA technology and bacterial genetics allowing the student to think and experiment at the molecular level. The course consists of lectures, laboratory work, discussions, computer database utilization, and student presentations.
- BIO 350 EVOLUTION** (Ecological) (4)  
**BIO 350L EVOLUTION LAB**  
 3-hour lecture, 3-hour lab. Prerequisite: BIO 206. A course focusing on the mechanisms of evolutionary change, ranging from microevolutionary processes within populations to macroevolutionary patterns over geologic time. Emphasis is placed on the historical context of the discipline, and development of related research areas. Course structure will consist of lectures, discussions, student presentations, work with computer simulations and data sets, fieldwork, and independent projects.
- BIO 355 TOPICS IN BIOLOGY** (variable credit)  
 Courses will be offered under this number if the content will cover subjects not covered in other courses. Special topics courses are dependent on the expertise of instructor, needs of student or presentation of an unusual learning opportunity.
- BIO 400 INDEPENDENT STUDY AND RESEARCH** (1-4)  
 Students can earn one to four credit hours in an independent study supervised by a departmental faculty member. These courses are recommended for juniors and seniors.
- BIO 401 GERONTOLOGY PRACTICUM** (3)  
 A practicum is an educationally directed learning experience in a gerontological setting. Emphasis is placed on biological, psychological, and sociological aspects.

**BIO 489 BIOLOGY SEMINAR (3)**  
A seminar course including a series of discourses presented and discussed by students on topics which may be productive of a conceptual perspective in biology and demonstrated relevance of biology to other disciplines.

**BIO 495 BIOLOGY INTERNSHIP (1-3)**  
Prerequisite: BIO 101 and 102. The internship is designed to provide hands-on experience in the field of biology and related majors. Students will dedicate a minimum of 45 hours/semester/credit working alongside professionals and staff in an institution involved with some aspect of applied biology and/or outreach programs. Students will learn and master basic skills appropriate to the internship and will conduct and report on work assigned to them by their supervisors.

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#### **COURSES FOR NON-MAJORS**

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The Biology Department offers a series of relevant, topically-oriented courses that include lecture, discussion, and laboratory or field work. All of the following courses fulfill the core requirement for natural science. **At present, the series includes:**

**NSC 101 BASIC ATHLETIC TRAINING (2)**  
Requirement: Permission of instructor. Students will learn how to recognize and care for sports related injuries. *Does not count for Natural Science core requirement.*

**NSC 208 BIOLOGY OF AGING (3)**  
An examination of the biological aspects of the aging process generally, with an emphasis on the human aging processes as they are currently understood at the molecular, cellular, systemic, and organismic levels of organizations.

**NSC 209 BIOLOGY OF THE HUMAN (3; 4 with laboratory)**

**NSC 209 BIOLOGY OF THE HUMAN LABORATORY**  
A study of the anatomy and physiology of the human body. Anatomy is the study of form, or structure, of body parts and of how these parts relate to one another. Physiology concerns the functioning of the body's structural machinery. The levels of structural organization, i.e. cellular, tissue, organ, etc., are identified and discussed as they relate to the functioning of the whole organism. Emphasis is on the integration of the body systems to maintain homeostasis.

**NSC 214 ENVIRONMENTAL SCIENCE (4)**

**NSC 214L ENVIRONMENTAL SCIENCE LABORATORY**  
3-hour lecture, 3-hour lab. A course based on an interdisciplinary approach to the study of human impacts on the local and global environment. Both the lecture and laboratory work stress possible solutions to environmental problems.

**NSC 249 BIOLOGY AND CONTEMPORARY ETHICAL ISSUES (3)**

A course centering on a discussion of the impact of biological science and technology on society from an ethical perspective. Both biomedical and environmental issues are considered.

**NSC 255B NATURAL SCIENCE-BIOLOGY: SPECIAL TOPICS (variable credit)**

Special topics which are only offered periodically.

**NSC 256 MICROBES, HEALTH & DISEASE (3)**

Students will study how viruses and bacteria impact the human condition. The biological basis of good health is discussed.

**NSC 265 CONCEPTS OF BIOLOGY AND CONSERVATION (3)**

The conservation of natural resources is studied from a biological perspective. The importance of soil, air, and water to the survival of life on earth is stressed.

**NSC 267 NATURAL SCIENCE: BIOLOGICAL (3; 4 with laboratory)**

**NSC 267L NATURAL SCIENCE: BIOLOGICAL LAB**  
An examination of the fundamental concepts of biology integrated with other disciplines and applied to human affairs. Laboratory study will emphasize the use of the scientific method in learning the characteristics of living organisms.

**NSC 269 NATURAL SCIENCE: HEREDITY AND EVOLUTION (3)**  
The principles of classical Mendelian and molecular genetics, along with modern evolutionary biology are studied with an emphasis on the human.

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**BUSINESS ADMINISTRATION**

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**BUA 104 INTRODUCTION TO BUSINESS MANAGEMENT (4)**  
Course Requirement: Enrollment in Thomas More College Accelerated Program.. Provides an introduction to the accelerated college-level business program, provides a contemporary overview of the business environment, and reviews and coaches students in the core skills for success in the program. The business overview comprises study in the current business environments, stressing global entrepreneurial opportunities, management techniques and the management functions of leadership, controlling, planning, and organization. The review and coaching of core skills includes reading for comprehension, time management, techniques for knowledge retention, written communication, teamwork, and test taking skills.

**BUA 105 INTRODUCTION TO BUSINESS (3)**  
An introduction to the structure, functioning, and role of the business and economic systems.

**BUA 106 FUNDAMENTALS OF BUSINESS AND ACADEMIC WRITING (3)**  
Course Requirement: Enrollment in TAP. Students will develop academic and business writing skills. The course will emphasize effective writing and communication skills needed in academic and professional settings. Students will learn to create concise, professional documents for internal and external stakeholders. Legal and ethical standards for business and academic writing, including plagiarism, writing with integrity, and using bias-free language will be covered. *Cross-listed as ENG 106.*

**BUA 107 MATHEMATICS FOR BUSINESS DECISION MAKING (4)**  
Course Requirement: Enrollment in TAP. This course explores fundamental mathematical techniques necessary for business decision making. Examples will be emphasized, and will point to decision making techniques in economics, finance, marketing, and other business disciplines. *This course will satisfy the Algebra pre-requisite for TAP students in the BBA program only. It will not fulfill the Algebra pre-requisite for any other students.*

**BUA 108 FINANCIAL ANALYSIS FOR MANAGERS (3)**  
Course Requirement: Enrollment in TAP. An introduction to finance and accounting. The foundations will be set for understanding financial statements, the accounting process, the time value of money, and basic financial decision-making. Some basis business problem solving will be incorporated into the course material.

**BUA 200 INDEPENDENT STUDY (1-3)**  
Independent study courses are offered when students wish to explore a specific issue of interest that falls outside the parameters of the established curriculum. Independent studies are subject to departmental approval and entail direct supervision of a departmental faculty member.

**BUA 201 INTRODUCTION TO TODAY'S BUSINESS AND TEAM BUILDING (3)**  
Course Requirement: Enrollment in TAP. An introduction to the structure, functions, and role of the business and economic systems and provides an overview of all business courses in the program, a review of guidelines to successfully develop study groups, and a reintroduction to college life for those who may have had an extended hiatus.

**BUA 204 BUSINESS AND PROFESSIONAL COMMUNICATION (3)**  
The principles and practices of communications as applied to the business world are examined. Topics included are group communication, interviewing, and presentation making. *Cross-listed as COM 204. This course fulfills the core requirement in Communication.*

**BUA 207 SMALL BUSINESS MANAGEMENT (3)**  
A course addressing the goals and problems of small business management, with emphasis on site selection, choice of business type, financing, understanding small business failure, management functions, entrepreneurship qualification, and development of the business plan.

- BUA 241 MATHEMATICAL ANALYSIS FOR MANAGEMENT (3)**  
 Prerequisite: GEC 096 or the equivalent and CIS 111. Course Requirement: BBA (Standard option) students only. A course that covers concepts of calculus essential to management in modeling and solving optimization problems, using spreadsheets and other software. BUA 241 replaces the business major requirement of MAT 143 for B.B.A. (Standard option) students.
- BUA 245 QUANTITATIVE METHODS I (4)**  
 Course Requirement: Enrollment in TAP. The first course in the Quantitative Methods sequence, BUA 245 and 345. The sequence presents an integrated computer based approach to the quantitative tools and methods used in managerial decision making. Topics include elements of modeling, differential and integral calculus, statistics and management science. *The BUA 245/345 sequence replaces MAT 143 and fulfills the Mathematics core requirement for BBA students in TAP.*
- BUA 249 BUSINESS STATISTICS (3)**  
 Prerequisite: MAT 143 or BUA 241; CIS 111. An application of statistical concepts to business and economics. Topics covered include: descriptive statistics, probability and probability distributions, statistical inference, and regression.
- BUA 252 GLOBAL BUSINESS (3)**  
 An interdisciplinary course involving several areas of study, including societal responsibilities of business, organizational behavior issues, international commerce, economics, accounting, tax, and regulatory issues. The platform for this course is a service learning project in Northwestern Jamaica, West Indies.
- BUA 255 SPECIAL TOPICS (3)**  
 Special topics are offered for courses that are not included in the established curriculum.
- BUA 261 DEVELOPMENT OF AMERICAN ENTERPRISE (3)**  
 Course Requirement: Enrollment in TAP. A survey of the development of the American free enterprise system from its beginning to the present. The development of American business values will also be addressed.
- BUA 263 SOCIAL RESPONSIBILITY FOR MANAGERS (3)**  
 Course Requirement: Enrollment in TAP. The course seeks to provide a framework for managers to use in making judgments related to the social responsibility of business. Topics considered include ethics and ethical reasoning, the distinction between ethical and legal behavior, diversity, managerial values, stages of moral development, ethical criteria, and stages of corporate citizenship. Tools for achieving socially responsible behavior within the firm such as codes of ethics, audits, Sarbanes-Oxley, etc. are also considered.
- BUA 264 MARKETING AND CONSUMER VALUE (3)**  
 Course Requirement: Enrollment in TAP. This course will introduce students to the customer-value concept. Students will learn how a firm creates customer value through its value-delivery system, which includes logistics, product and service transformations, marketing and after-sales service, and customer retention. Students will also study how to leverage core competencies within the customer-value system to create and sustain competitive advantage.
- BUA 291 BUSINESS LAW I (3)**  
 Prerequisite: BUA 105 or 201. Students will develop an understanding of the principles of law that apply to business transactions: the overall judicial process, the uniform commercial code, commercial regulations, contracts, agency, bailments, etc.
- BUA 292 BUSINESS LAW II (3)**  
 Prerequisite: BUA 105. A continuation of BUA 291. It will include a further discussion of real estate, wills and estates, corporations, and consumer protection.
- BUA 301 ORGANIZATION AND MANAGEMENT (3)**  
 Prerequisite: BUA 105 or 201; ACC 101 or 210. An introduction to schools of thought in management, the internal workings of the organization from a managerial point of view, and in-depth study of the decision-making process and managerial functions.

- BUA 302 ORGANIZATIONAL BEHAVIOR (3)**  
Prerequisite: BUA 301. Students will study the concepts of human behavior drawn from psychology and sociology applied to the business organization. Group behavior, similarities and differences, team building, and structure are considered. Development of the participant's leadership style is addressed.
- BUA 303 HUMAN RESOURCE MANAGEMENT (3)**  
Prerequisite: BUA 302, 311, 321. A basic course in organizational manpower planning and development. Included are: testing, interviewing, placement of employees, training, job evaluation, promotions, handling complaints and grievances, wage and salary administration, benefits, policy making and problems of layoffs, transfers and turnover.
- BUA 304 WORKPLACE PSYCHOLOGY (3)**  
Prerequisite: BUA 301. Principles of scientific methodology and psychology applied to the business situation. Topics covered include research methods, employee performance and evaluation, structure of organizations, motivation, conditions of work, engineering psychology, and consumer psychology. *Cross-listed as PSY 209.*
- BUA 305 EFFECTIVE BUSINESS WRITING (3)**  
Prerequisite: BUA 301. A course to improve writing skills in business situations, emphasizing the application of business principles in a diverse workplace. *Cross-listed as ENG 304.*
- BUA 306 SAFETY, HEALTH AND ENVIRONMENTAL ISSUES IN MANAGEMENT (3)**  
Prerequisite: BUA 302, 311, 321. Study of safety, health and environmental issues and the associated legal and ethical issues.
- BUA 307 LEADERSHIP (3)**  
Prerequisite: BUA 302, 311, 321. Students learn what makes a successful leader and the moral/ethical standards they must embrace.
- BUA 310 SPORTS AND ENTERTAINMENT BUSINESS ENVIRONMENT (3)**  
Prerequisite: BUA 105. Course Requirement: Junior status, minimum GPA of 2.5. As a survey of both the sports and entertainment industries, this course will provide an overview of the origins and structure of each industry. The current issues facing each industry will be explored. The sports industry will be segmented by looking at professional, college, high school, and youth sports. The entertainment industry will be divided into movies, theatre, TV/radio, media/publishing, travel and tourism, and music. *Cross-listed as SEM 310.*
- BUA 311 MARKETING (3)**  
Prerequisite: BUA 301; ECO 105 or ECO 206. Recommended prerequisite: PSY 105. A survey of the marketing function in a capitalistic economy, with emphasis on the planning, pricing, promoting, and distribution of goods and services to satisfy customer wants, the relationship between marketing and other organization functions, the importance of the consumer, and the effect of government regulations.
- BUA 313 TEAMS IN ORGANIZATIONS (3)**  
Prerequisite: BUA 302, 311, 321. A focus on teams within organizations. Students will learn what makes a team effective, motivation techniques for diverse team members, successful conflict resolution, and time and meeting management. The course will be a seminar with emphasis on case studies.
- BUA 314 ENTREPRENEURSHIP (3)**  
Prerequisite: BUA 302, 311, 321. This course is focused on the study and management of innovation and risk in organizations. Particular emphasis will be placed on rapid market development, penetration and wealth organization through creative organizational processes. Successful entrepreneurship ventures and activities will be analyzed.
- BUA 315 PRINCIPLES OF ADVERTISING (3)**  
Prerequisite: BUA 302, 311, 321. A course designed to familiarize students with advertising theory, terms, and techniques, including: the historical, social and economic aspects of advertising, product name, image and buying motives, writing copy, photography, layout techniques, and use of advertising media and advertising testing.

- BUA 316 CONSUMER BEHAVIOR (3)**  
Prerequisite: BUA 302, 311, 321, PSY 105. This course stresses the importance of consumer behavior in the development and implementation of effective marketing strategies. Students will develop a deeper understanding of individual consumer behavior, social and cultural influences on consumer behavior, and the consumer decision process.
- BUA 317 PUBLIC RELATIONS (3)**  
Prerequisite: BUA 302, 311, 321. Public relations will survey the tools and channels of communication available for developing the organization's image in the minds of the target publics. This course is recommended for students with good communications skills from any major.
- BUA 318 SALESMANSHIP (3)**  
Prerequisite: BUA 302, 311, 321. An examination of the principles of effective selling on a personal basis, with emphasis on preparation, the procedures for approaching the buyer, the presentation, and the closing. Case work and role playing are used.
- BUA 319 RETAIL MANAGEMENT (3)**  
Prerequisite: BUA 302, 311, 321. The principles, practices, and problem-solving methods specific to the retail industry are examined. The management and marketing aspects of retailing are emphasized.
- BUA 321 BUSINESS FINANCE (3)**  
Prerequisite: ACC 102 or 210; ECO 105 or 206; BUA 301. Corequisite: CIS 111 or BUA 201; BUA 249 or BUA 245 or MAT 205. An examination of the principles, theory, and techniques of modern corporate financial management. Ratio analysis, working capital management, capital project evaluation, valuation, risk, and financial environment are covered.
- BUA 325 INVESTMENT ANALYSIS (3)**  
Prerequisite: BUA 302, 311, 321. An examination of the principles and practices of investing in stocks and bonds, with emphasis on the analysis of corporate financial statements to arrive at investment decisions. A background is also provided on banking institutions, investment companies and brokerage operations. *Cross-listed as ECO 325.*
- BUA 331 OPERATIONS MANAGEMENT (3)**  
Prerequisite: BUA 301; 341 or 345. Students will study the methods for planning, scheduling, operating, and controlling the production process. Both service and manufacturing environments are considered.
- BUA 341 QUANTITATIVE METHODS FOR BUSINESS (3)**  
Prerequisite: MAT 143 or BUA 241; BUA 249 or MAT 205. A course covering the modeling and analysis of problems in business and economics. Among the topics included are: linear programming, inventory models, queuing, PER/CPM, and forecasting.
- BUA 345 QUANTITATIVE METHODS II (4)**  
The second course in the Quantitative Methods sequence, BUA 245 and 345. The sequence presents an integrated computer based approach to the quantitative tools and methods used in managerial decision making. Topics include elements of modeling. *The BUA 245/345 sequence replaces MAT 143 and fulfills the Mathematics core requirement for BBA students in TAP.*
- BUA 350 PORTFOLIO MANAGEMENT (3)**  
Prerequisite: BUA 325. Covers theories that explain the pricing of securities and investment strategy.
- BUA 355 SPECIAL TOPICS (3)**  
Special topics are offered for courses not included in the established curriculum.
- BUA 370 PRINCIPLES OF HEALTHCARE SERVICES (3)**  
Prerequisite: BUA 302, 311, 321. Exploration of the infrastructure of the healthcare services delivery system in the United States and the effects of legislation and policymaking on communities and stakeholders. *Cross-listed as HCM 370.*
- BUA 380 LEGAL ISSUES IN SPORTS AND ENTERTAINMENT MARKETING (3)**  
Prerequisite: BUA 291. Course Requirement: Junior status, minimum GPA of 2.5. An investigation into the plethora of legal issues facing the sports and entertainment industries. The course will analyze legislation that

has effected the development and operation of these industries. Landmark and seminal cases will be reviewed to ascertain the rights and restrictions of those operating within the industries. Also included as a point of study will be controversial issues where legal precedents have not yet been set. *Cross-listed as SEM and PLS 380.*

**BUA 390 BUSINESS PRACTICUM (3)**  
Prerequisite: BUA 301, 302, 311, 321. Upper-level undergraduate students have the opportunity to be part of a student-faculty team providing consulting services to a small business in the area. With permission of the instructor, this course may be repeated.

**BUA 391 SECONDARY EDUCATION BUSINESS ADMINISTRATION OFFICE INTERNSHIP (3)**  
Prerequisite: Permission of the Business and Education Department Chairpersons. An internship designed specifically to allow the Secondary Education - Business Administration major to experience the functioning of the office environment.

**BUA 392 INTERNSHIP IN SPORTS AND ENTERTAINMENT MARKETING (3)**  
Prerequisite: BUA 311. Course Requirement: Junior status, minimum GPA of 2.5. Student will obtain hands-on experience by working with professionals in the field of sports and/or entertainment. Students must work with their advisor to secure and set the parameters of the field experience. Students will be required to prepare an appropriate paper incorporating academic theory that is applied to the experience gained while completing the internship assignment. *Cross-listed as SEM 392.*

**BUA 400 INDEPENDENT STUDY (1-3)**  
Independent study credit is offered when students wish to explore a specific issue of interest that falls outside the parameters of the established departmental curriculum. Independent studies are subject to departmental approval and entail direct supervision of a departmental faculty member.

**BUA 403 INTERNATIONAL HUMAN RESOURCE MANAGEMENT (3)**  
Prerequisite: BUA 303. A course addressing the challenges of working in international human resource management. Employment relations will be reviewed and compared to the United States in the U.K., Canada, France, Germany, Italy, Spain, Norway, Sweden, Austria, and Japan.

**BUA 405 INTERNATIONAL MANAGEMENT (3)**  
Prerequisite: BUA 302, 311, 321. An examination of the global differences in the culture, economy, politics, and laws that affect the management of foreign operations.

**BUA 406 LABOR PROBLEMS (3)**  
Prerequisite: BUA 302, 311, 321. An interdisciplinary study of industrial relations focusing on the historical development and economic consequences of organized labor in the private and public sectors, public policy toward labor, and collective bargaining.

**BUA 407 COLLECTIVE BARGAINING (3)**  
Prerequisite: BUA 302, 311, 321. A study and evaluation of the art of negotiating and its importance to the labor-management bargaining process with emphasis on the unionized setting.

**BUA 410 SPORTS AND ENTERTAINMENT MARKETING (3)**  
Prerequisite: BUA 311. Course Requirement: Junior status, minimum GPA of 2.5. A course building upon the general marketing principles studied in the Principles of Marketing course providing an analysis of the many issues facing marketing experts within the sports and entertainment industries. This course also examines the issues faced by those outside these industries that market their goods and services by partnering with companies and organizations within these industries. Students will be introduced to the unique qualities of the sports and entertainment product by analyzing pricing and distribution issues as related to these industries. *Cross-listed as SEM 410.*

**BUA 415 SALES MANAGEMENT (3)**  
Prerequisite: BUA 302, 311, 321. An advanced course covering organization of the sales division, including selection, training, compensation, direction, and control of the sales force, designing sales territories, and discussion of problems from representative companies.

- BUA 416    MARKETING RESEARCH** (3)  
Prerequisite: BUA 302, 311, 321; BUA 249 or 245. This course provides students with a basic understanding of marketing research methods and how these methods are used in managerial decision-making. Topics include data collection techniques, measurement and scaling, sampling techniques, and data analysis.
- BUA 417    MARKETING MANAGEMENT** (3)  
Prerequisite: BUA 302, 311, 321. This course provides an overview of current marketing-management theory and practice. Students will develop strategic-marketing-management skills through case studies and an interactive simulation.
- BUA 420    EVENT SPONSORSHIP AND PROMOTION** (3)  
Prerequisite: BUA 311. Course Requirement: Junior status, minimum GPA of 2.5. Students will gain a thorough understanding of the concepts and theories that form the foundation of sponsorship and event planning. Students will then be required to apply these concepts and theories in developing strategies to support a significant project requiring original research and a professional presentation. *Cross-listed as SEM 420.*
- BUA 435    CURRENT TOPICS IN OPERATIONS AND LOGISTICS** (3)  
Prerequisite: BUA 331. A course designed for specialized treatment of the various operations management fields. A non-exhaustive list would include: logistics, service management, technology management, new product development, purchasing, quality assurance, and shop floor control.
- BUA 450    FINANCIAL PLANNING** (3)  
Course requirement: TAP students. An exploration of the many aspects of financial planning including: retirement planning, debt management, estate planning, insurance planning, and investment planning.
- BUA 495    STUDENT PROJECT** (variable credit)  
A student project is an individual or group project of special interest to students. Field research and student creativity are encouraged. Faculty supervision is provided with the approval of the chairperson.
- BUA 498    SENIOR SEMINAR** (3)  
Prerequisite: BUA 249, 291, 331, 405. A capstone seminar taken in the senior year. Strategic management and business policy concepts are used to integrate the business core courses. Case analysis and a major presentation are required.

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**MASTER OF BUSINESS ADMINISTRATION COURSES**

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- ACC 604B    MANAGERIAL ACCOUNTING** (3)  
An examination of the contemporary accounting practices and techniques that managers use to plan, analyze, and control operations of both manufacturing and service organizations. Topics explored include: product costing; cost-volume-profit analysis; service department cost allocations; incremental costs; static and flexible budgets; activity based costing; and standard costs and variance analysis. Throughout the course, special attention is given to the use of accounting information in internal decision making.
- ECO 606B    ECONOMIC FORECASTING AND STRATEGY** (3)  
An introduction to the principles of economic forecasting to predict future business variables and utilize non-cooperative game theory to analyze business strategy. Topics will include exponential smoothing and ARIMA models and sequential and simultaneous choice play games.
- ECO 615B    MANAGERIAL ECONOMICS** (3)  
Covers microeconomic concepts relevant to managerial decision making. Topics include demand and supply analysis, consumer demand theory, price discrimination, risk aversion and uncertainty, moral hazard and incentives, game theory and contracts.
- ECO 617B    HEALTH CARE ECONOMICS** (3)  
An application of economic theory to the study of health care markets. Because of information problems, uncertainty, and government involvement, the health care sector requires a special analysis. Microeconomics tools will be used to study the medical care environment and to evaluate health care policy options.

- FIN 630B MANAGERIAL FINANCE (3)**  
 An analysis of corporate financial decisions and strategies that enhance shareholder value in both domestic and international settings. Major topics include sources and uses of funds, the valuation of debt and equity securities, ethics, financial analysis and forecasting, working with capital management, capital budgeting, capital structure, dividend policy, mergers and acquisitions.
- HCM 673B INTEGRATIVE HEALTHCARE MANAGEMENT SEMINAR (3)**  
 This seminar is a major component and the kickoff of the integrative course sequence that includes MGT 613 and PRJ 692. In conjunction with the remainder of the sequence it seeks to integrate the previous work in a Health Care Management context. It brings together faculty, practitioners, and students to focus on a critical current health care administration theme.
- LAW 620B POLITICAL, LEGAL AND REGULATORY ENVIRONMENT (3)**  
 Law, regulation, political factors and their impact upon the decision making process are examined. Historical and current forces, as well as compliance are considered.
- MGT 610B INTRODUCTION TO GRADUATE PROFESSIONAL EDUCATION (3)**  
 An orientation to graduate professional education and the team processes upon which the M.B.A. delivery system is based. The Class Continuing Company Case will be introduced.
- MGT 611B MANAGEMENT, ORGANIZATIONAL BEHAVIOR AND DESIGN (3)**  
 The goal of this course is to develop understanding of the behavioral sciences as applied by management in domestic and international settings. Classical and contemporary management and organizational theories are examined to form a basis for the study of leadership, organizational design and change. Students evaluate social/psychological behavior and learn techniques to achieve organizational objectives. Students are also introduced to the expectations of the college and the graduate faculty.
- MGT 612B TRANSNATIONAL MANAGEMENT (3)**  
 An examination of global differences in laws, politics, culture, and economies that affect the management of foreign operations. It establishes an operational framework for managers through exposure to management concepts in international settings, strategic and operational planning, organization design, and legal topics impacting business transactions.
- MGT 613B STRATEGY FORMULATION, IMPLEMENTATION AND EVALUATION (3)**  
 A survey of the theory and practice of formulating strategy at the general management/executive level. Environmental analysis, competitive analysis and strategic planning as compared to strategic thinking are among the topics covered. As the MBA capstone, the course will serve to integrate previous work through various cases including the Class Continuing Company Case.
- MGT 620B LEADERSHIP AND STRATEGY (3)**  
 An advanced analysis of leadership in the organizational context. Specifically, this course examines the transformation of founders from initial entrepreneurial behavior to building large successful firms. The analysis will be based on both new and traditional theory and best practice developed in the organizational behavior and leadership literature. The continuing case for the program is initiated in this course.
- MKT 650B MARKETING STRATEGY (3)**  
 A course based on a managerial approach to the study and applications of marketing. Emphasis is placed on the nature and scope of market management responsibilities and marketing decision making.
- NEG 615B CONFLICT MANAGEMENT AND NEGOTIATION (3)**  
 The first component of this course focuses on the substantive theories and models of managing conflict with a primary emphasis on the workplace. The second component will be skills-based and will require the student, through the use of exercises, examples and role playing, to practice and develop the skill of managing conflict. Principles of negotiation will also be utilized as a means of managing conflict.
- OPS 660B OPERATIONS, LOGISTICS AND PRODUCTION (3)**  
 An examination of techniques for the strategic use of operations, technology, and innovation as they contribute to an organization's primary function as a provider of goods and services to domestic and international markets. These activities include the design of efficient and effective processes as well as the management and control of the key resources of the firm, its people and technologies. Issues such as quality, productivity, resource scheduling, and inventory control are addressed from a managerial viewpoint.

**PHI 605B THE REALM OF VALUES IN MANAGEMENT (3)**

An examination of the nature, sources and types of values. Attention will be given to the major theories of value that have been proposed as well as to important issues such as the objectivity or subjectivity of values, the connection between value and ethical judgments, the role of values in elaborating systems of norms. Aesthetic, economic, intellectual, religious and social values will be examined in an effort to grasp the underlying relations among them.

**PRJ692B MASTER'S PROJECT (5)**

Applied research methodology and development of the project proposal are the topics covered. A schedule for moving through the proposal, approval, completion and presentation stages is developed. Projects should be designed to be of significance to an organization of interest. This course ends with the presentation of the completed project.

**QUA 630B QUANTITATIVE METHODS (3)**

Analysis of variance, regression and correlation analysis, and derivative calculus, with applications in business decision making.

**QUA 640B MANAGEMENT SCIENCE AND MODELING (3)**

A survey of selected deterministic and probabilistic models, their areas of application and their solution methodologies. Emphasis will be on problem formulation, solution techniques, output interpretation and analysis. Computer software will be used extensively for problem solutions.

**TEC 635B MANAGEMENT OF TECHNOLOGY (2)**

A course addressing the management issues associated with achieving competitive advantage in an environment of rapid technological change. Among the topics considered are managing existing technology, emerging technologies, the opportunities and threats provided by new technologies, the dynamics of innovation and intellectual capital as corporate wealth.

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**CHEMISTRY**

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**CHE 101 INTRODUCTION TO CHEMISTRY (3)**

Prerequisite: Proficiency in algebra or GEC 096. A one-semester chemistry course designed for students with either a weak background or no previous experience in chemistry, and who need chemistry courses in support of their major area of study or desire to take a course in general chemistry.

**CHE 103 BASIC CHEMISTRY I (3)**

Prerequisite: high school chemistry or CHE 101 and proficiency in algebra or GEC 096. Concurrent Requisite: CHE 103L. The first in a two-course sequence designed to provide a solid background in chemistry as required for understanding the functioning of biological systems at the molecular level. This course will include the general background in the dynamic and structural features of chemistry.

**CHE 104 BASIC CHEMISTRY II (3)**

Prerequisite: CHE 103. Concurrent Requisite: CHE 104L. Students will complete the study of organic chemistry and elementary biochemistry as required for an understanding of the functioning of biological systems at the molecular level.

**CHE 103L/104L BASIC CHEMISTRY I, II LABORATORY (1, 1)**

Concurrent Requisite: CHE 103 for 103L/CHE 104 for 104L. A two-course sequence that will elaborate on the basic concepts of chemistry through experimentation in the laboratory. The experiments will illustrate principles of general, organic and biochemistry.

**CHE 111 GENERAL CHEMISTRY I (3)**

Prerequisite: CHE 101, high school chemistry or the equivalent; successful completion or testing out of GEC 096. Concurrent Requisite: CHE 111L. A course offering a concise overview of the basic principles of chemistry, including atomic theory, gas laws, the mole concept, stoichiometry, periodicity, and the study of chemical equilibrium and oxidation-reduction principles.

**CHE 111L/113L GENERAL CHEMISTRY I, II LABORATORY (1, 1)**

Prerequisite: CHE 111L for 113L. Concurrent Requisite: CHE 111 for 111L/CHE 113 for 113L. A two-course sequence studying modern chemical analysis and emphasizing basic laboratory techniques as well as chemical instrumentation and applications in the identification, separation, and quantitative determination of chemical species.

**CHE 113 GENERAL CHEMISTRY II (3)**

Prerequisite: CHE 111. Concurrent Requisite: CHE 113L. A course following CHE 111 by studying the principles of thermodynamics and kinetics as applied to chemical systems. Redox equilibria, electrochemistry, and the rates and mechanisms of chemical reactions will also be examined.

**CHE 220 ORGANIC CHEMISTRY I (3)**

Prerequisite: CHE 111/111L, 113/113L. Concurrent Requisite: CHE 220L. An introductory course in the chemistry of carbon compounds for chemistry majors, biology majors, and pre-professional students. This course will cover the nomenclature and structural features of the common classes of organic compounds, the elements of stereochemistry, substitution reactions, and elimination reactions.

**CHE 220L/240L ORGANIC CHEMISTRY I, II LABORATORY (1, 1)**

Concurrent Requisite: CHE 220 for 220L/CHE 240 for 240L. A two-course sequence covering the common techniques for isolating and purifying organic compounds, the use of spectroscopic, and chemical techniques for characterizing these substances, and examples of syntheses involving a variety of functional groups. Particular attention will be given to chromatographic and spectroscopic analysis.

**CHE 240 ORGANIC CHEMISTRY II (3)**

Prerequisite: CHE 220. Concurrent Requisite: CHE 240L. Follows CHE 220 in discussing the reactions of aliphatic and aromatic compounds. The reactions of the common functional groups will be included, along with multi-step syntheses.

**CHE 301 THE CHEMICAL LITERATURE (1)**

Prerequisite: Permission of the instructor. A course focusing on the nature and use of chemical literature. The student will gain experience in searching the literature, preparing bibliographies, and writing a documented research paper.

**CHE 304 INTRODUCTION TO CHEMICAL RESEARCH (1)**

Prerequisite: CHE 301. An introduction to basic research areas and methods in chemistry. Students will be required to select a senior research project, perform an extensive search of the chemical literature to collect background information, and present an acceptable research proposal.

**CHE 308 SELECTED TOPICS IN CHEMISTRY (variable credit)**

A special topics course is offered for material not covered in any of the regularly scheduled courses for non-chemistry majors.

**CHE 313 PHYSICAL CHEMISTRY I (3)**

Prerequisite: CHE 113, MAT 152, PHY 141. Recommended Prerequisite: MAT 201. Concurrent Requisite: CHE 313L. Assuming the mathematical techniques learned in calculus and the foundations laid in CHE 113, this course both expands and deepens the student's knowledge and ability to use the laws and principles of thermodynamics and kinetics as applied to chemical systems. Mathematical derivations, graphical analysis, and problem-solving methods are stressed.

**CHE 313L/314L PHYSICAL CHEMISTRY I, II LABORATORY (1, 1)**

Concurrent Requisite: CHE 313 for 313L/CHE 314 for 314L. A two-course lab sequence that allows students to investigate and interpret dynamic chemical systems. Students will perform experiments involving reaction kinetics, activation energies, and equilibrium constants. Additionally, students will use molecular modeling to calculate molecular energies/vibration as well as use spectroscopy to analyze vibration-rotation spectra.

**CHE 314 PHYSICAL CHEMISTRY II (3)**

Prerequisite: CHE 313. Recommended Prerequisite: MAT 202. Concurrent Requisite: CHE 314L. A rigorous, though limited, quantum mechanical approach to chemical structure and bonding. Mathematical derivations and solution of problems of chemical interest are stressed.

- CHE 330 BIOCHEMISTRY (4)**  
**CHE 330L BIOCHEMISTRY LABORATORY**  
Prerequisite: BIO 101. Corequisite: CHE 240. An exploration of the molecular and chemical basis of life. The relationship between molecular structure and function is stressed as it applies to the metabolism and reproduction of a living organism. *Cross-listed as BIO 330.*
- CHE 358 ADVANCED INORGANIC CHEMISTRY (4)**  
**CHE 358L ADVANCED INORGANIC CHEMISTRY LABORATORY**  
Prerequisite: Completion of sophomore level chemistry. An in-depth lecture and laboratory course covering all areas of Inorganic Chemistry. Topics to be covered include the atomic structure of atoms, bonding theory, symmetry and group theory, acid-base and donor/acceptor chemistry, the crystalline solid state, main group chemistry, coordination chemistry, and facets of organometallic chemistry. The integrated laboratory component of the course will center on the synthesis and characterization of inorganic compounds using various techniques and instrumentation.
- CHE 370 SELECTED PROJECTS IN CHEMICAL RESEARCH (1-3)**  
Prerequisite: CHE 111/111L, 113/113L, departmental permission. A course offering students the opportunity to perform research under the direction of one of the faculty members in the department. It is expected that the focus of the research will vary according to the research interests of the faculty advisor as well as the student.
- CHE 385 QUANTITATIVE ANALYSIS (3)**  
Prerequisite: Completion of sophomore level chemistry. A lecture/laboratory course designed to teach the student wet chemical techniques, instrumental techniques, and problem solving as it applies to chemistry. This course will cover volumetric, gravimetric, and spectroscopic methods of quantitative analysis.
- CHE 385L QUANTITATIVE ANALYSIS LABORATORY (1)**  
Prerequisite: Completion of sophomore level chemistry. Concurrent requisite: CHE 385. This laboratory course is designed to reinforce ideas in Quantitative Analysis (CHE 385). Students will carefully and accurately prepare solutions, perform a wide variety of titrations and other 'wet chemical' measurements, and calculate uncertainty associated with all measurements. Students must demonstrate that they can generate both precise and accurate analytical results.
- CHE 401/402 METHODS & MATERIALS FOR CHEMICAL EDUCATION I, II (variable credit)**  
Prerequisite: Permission of the instructor. Students will investigate programs for high school chemistry in-depth. Research is performed on the preparation of laboratory experiments and demonstrations, the use and nature of chemical models, laboratory safety, and projects suitable for teaching high school chemistry. This is carried out in the directed study format. Written and oral reports are required.
- CHE 411/412 SENIOR RESEARCH EXPERIENCE I, II (3 hours total)**  
Prerequisite: CHE 304 and departmental permission. The senior research project represents the integrative culmination of the student's work in the study of chemistry. The research initiated in CHE 304 is extended through the final year of study in this course. Oral and written reports are required at least once each semester. The research topic and the number of credit hours earned are contracted with the advisor prior to registration.
- CHE 415 INSTRUMENTAL ANALYSIS (4)**  
**CHE 415L INSTRUMENTAL ANALYSIS LABORATORY**  
Prerequisite: Completion of sophomore level chemistry. A lecture and laboratory course that relates experimental results, theory of instrumental analysis and instrument operation. Topics covered include IR, NMR, UV-VIS, ICP, cyclic voltammetry, HPLC, GC/MS, and other selected instruments.
- CHE 425 ENVIRONMENTAL CHEMISTRY (3)**  
Prerequisite: Completion of sophomore level chemistry. A lecture course designed to explore the chemistry behind a wide range of environmental processes. Specific attention will be given to various factors affecting air, water, and soil quality. Traditional and non-traditional energy sources, and the environmental impact of those sources, will also be discussed.
- CHE 435 MEDICINAL CHEMISTRY (3)**  
Prerequisite: CHE 240. Students will learn about the basics of medicinal chemistry, including biomolecules, drug actions, drug discovery, structure-activity relationships (SARs), quantitative structure-activity

relationships (QSARs), computer aided drug design, and combinatorial chemistry. Pharmacokinetics, drug metabolism, and syntheses of lead and analogue compounds will also be discussed.

**CHE 455 ADVANCED TOPICS IN CHEMISTRY (2-4)**

Prerequisite: Permission of the instructor. Special topics courses consist of advanced content in the areas of organic, polymer, inorganic, analytical, physical, or environmental chemistry as determined by the instructor.

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**COURSES FOR NON-MAJORS**

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The Chemistry Department offers relevant, topically-oriented courses that include lecture, discussion, and laboratory or field work to fulfill the core requirement for natural science. **At present, the options include:**

**NSC 206 CHEMISTRY IN EVERYDAY LIFE (3)**

A course designed to provide the non-science major an insight into some of the basic principles and applications of chemistry. The specific topics of the course will vary, but often will consider the interrelations of population growth, energy resources/consumption, environmental quality and the impact of chemical technologies upon society.

**NSC 206L CHEMISTRY IN EVERYDAY LIFE LABORATORY (1)**

Concurrent Requisite: NSC 206. A course to provide for the non-science major a set of laboratory experiences associated with the topics covered in NSC 206.

**NSC 255C NATURAL SCIENCE-CHEMISTRY: SPECIAL TOPICS (variable credit)**

Special topics which are only offered periodically.

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**COMMUNICATION**

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**COM 105 FUNDAMENTALS OF PUBLIC SPEAKING (3)**

An introductory course in the fundamentals of public speaking. Study includes a theoretical approach to the analysis, organization and delivery of various speeches. Other topics will include effective presentation and public and mass media levels. *This course fulfills the core requirement in Communication.*

**COM 201 INTRODUCTION TO HUMAN COMMUNICATION (3)**

An introduction to the contexts in which human communication occurs. Communication processes and theory will be discussed as it occurs on the interpersonal, group, organizational, public, and mass media levels. *COM 201 should be taken in the first 9 hours of study in the field.*

**COM 204 BUSINESS AND PROFESSIONAL COMMUNICATION (3)**

The principles and practices of communications as applied to the business world are examined. Topics included are group communication, interviewing, and presentation making. *Cross-listed as BUA 204. This course fulfills the core requirement in Communication.*

**COM 207 PERSUASIVE PRESENTATIONS (3)**

A course designed to instill basic public speaking fundamentals with an emphasis on persuasion. The process of speechmaking will be covered with presentations including argumentative and motivational speaking, sales, and proposal presentations. *This course fulfills the core requirement in Communication.*

**COM 208 ORAL INTERPRETATION OF LITERATURE (3)**

An introductory course concentrating on techniques for performing literature. Students work with a variety of selections in prose, poetry, and dramatic literature while developing foundations of creative analysis and imaginative interpretation as synthesized through class performances. *Cross-listed as THR 208.*

**COM 210 INTRODUCTION TO FILM (3)**

Content covers history, theory, and criticism as students explore how movies influence society, culture, and the economy.

**COM 215 INTERPERSONAL COMMUNICATION (3)**

Students will analyze the process of communication in the development and maintenance of interpersonal relationships. Students develop interpersonal skills through theoretical and practical application. Topics may include perception of self and others, conflict management, relationship development and deterioration, and nonverbal communication.

- COM 225 GROUP COMMUNICATION (3)**  
A course investigating the small group as an effective vehicle to accomplish group goals and maintain member satisfaction. Students examine group interaction, communication skills, and problem solving methods through group projects. Topics may include group composition, leadership, and conflict management.
- COM 255 SPECIAL TOPICS IN COMMUNICATION (3)**  
Content will include special areas of study in the field of communication dependent on student needs, instructor expertise, or presentation of an unusual learning opportunity.
- COM 290 INTRODUCTION TO COMMUNICATION LITERATURE & RESEARCH (3)**  
Prerequisite: COM 201. Systematic overview of the research process and methods, including finding, reading, and doing research. Students will explore the research methods used in rhetorical/historical, quantitative and qualitative research and perform the tasks of a communication researcher.
- COM 301 JOURNALISM I (3)**  
Journalism will study the methods of gathering and evaluating news and re-writing and editing journalistic copy. The course emphasizes journalistic writing, interviewing, reporting, and its influence on contemporary society.
- COM 305 ARGUMENTATION AND DEBATE (3)**  
A course developed to give students experience in argument development, tactics and testing. Training in the skill of cross examination and refutation will also be stressed. Past and current social issues will serve as research material. *This course fulfills the core requirement in Communication.*
- COM 310 WRITING FOR PRODUCTION AND MEDIA (3)**  
Students will examine the types of writing and strategic and tactical knowledge needed to write for print, broadcast, and online media. Such writing could include news and feature articles, promotions, and advertising copy.
- COM 317 PRINCIPLES OF PUBLIC RELATIONS (3)**  
Students will develop a basic understanding of public relations functions and how to practice them.
- COM 318 PRINCIPLES OF ADVERTISING (3)**  
This course is designed to familiarize students with the history of advertising, rationale for creation of advertising messages, and basic understanding and skill in persuasive communication.
- COM 320 MASS MEDIA IN THE MODERN WORLD (3)**  
The objective of this course is to survey the history, functions, operations, responsibilities and influences of print and broadcast media in modern society.
- COM 325 NEW MEDIA IN OUR LIVES (3)**  
Explores the impact of new media as a form of communication and the technological, cultural, psychological and artistic effects felt in every aspect of our lives. Through a critical look at convergence with old media, students will investigate and evaluate the changing ways of accessing and manipulating data in this form of communication that has altered the media landscape.
- COM 340 POLITICAL CAMPAIGN COMMUNICATION (3)**  
A course that will explore the context of human communication within the setting of a political campaign. Students will consider interpersonal skills, public speaking skills and strategies, advertisements and promotions of the candidate, and special rhetorical strategies such as apologia. Current and past campaigns will be used as case studies.
- COM 355 COMMUNICATION THEORY AND PRACTICE (3)**  
Special topics courses such as Radio Broadcasting and Media Practices will be offered under this listing.
- COM 356 TEACHING COMMUNICATION AND THEATRE IN THE SECONDARY SCHOOLS (3)**  
A course designed to develop Communication and Theatre teachers for the secondary schools. Extracurricular areas of coaching forensics and mounting theatrical productions will also be explored. *Cross-listed as THR 356.*

- COM 361 SPECIAL EVENT PLANNING (3)**  
Focus is on the four step public relations process of research, action, communication, and evaluation as it is applied to the event planning activity of public relations. Events in social or corporate contexts are studied. One event is planned.
- COM 370 MULTI-CULTURAL COMMUNICATION (3)**  
The content of this course explores the theoretical and applied connection between culture and communication. This course seeks to explain the need for flexible communication skills in varied multi-cultural settings.
- COM 395 INTERNSHIP IN COMMUNICATION (1-6)**  
Students work within organization, agencies, or communication media industries gaining experience with communication in practice. Students observe, assist, assume regular duties, or engage in projects under the supervision of skilled professionals.
- COM 400 INDEPENDENT STUDY IN COMMUNICATION (1-3)**  
Independent study credit is offered when students wish to explore a specific issue that falls outside the parameters of the established departmental curriculum. Independent studies are subject to departmental approval and entail direct supervision of a departmental faculty member.
- COM 403 INTEGRATED MARKETING COMMUNICATION (3)**  
The human and organizational communication functions necessary for operating effectively in the corporate communication context are examined including media relations, employee relations, investor relations, government relations, and communication during an organizational crisis.
- COM 420 ORGANIZATIONAL COMMUNICATION (3)**  
Employing various theoretical frameworks, students study and apply successful communication strategies and outcomes in the corporate or organizational setting.
- COM 435 PERSUASION (3)**  
Students will examine classical and contemporary theories on the process of influencing human behavior through persuasive communication in terms of old and new media.
- COM 450 THEORIES OF RHETORIC (3)**  
A seminar that deals with the major theoretical approaches to the study of rhetoric with a particular focus upon philosophical and humanistic influences in communication.
- COM 455 SPECIAL TOPICS IN COMMUNICATION (3)**  
Content will include special areas of study in the field of communication dependent on student needs, instructor expertise, or presentation of an unusual learning opportunity.
- COM 460 THEORIES OF COMMUNICATION (3)**  
A seminar dealing with the major theoretical approaches to study communication from social and scientific perspective.
- COM 490 SENIOR EXPERIENCE (3)**  
Prerequisite: should be taken during final 30 hours. An overview and integration of communication's contextual perspectives as the students consider the role of responsible communication in contemporary society. Students will develop a cumulating project that will be assessed for evidence of proficiency in Communication program learning outcomes.

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**COMPUTER INFORMATION SYSTEMS**

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- CIS 111 INTRODUCTION TO COMPUTER INFORMATION SYSTEMS (3)**  
A review of the history and need for information processing, the basic information processing cycle and functions, the processing capabilities of computers, systems development, and program development. Key application areas in business, including word processing, data base management systems, and spreadsheets will be examined in some depth. Hands-on use of a microcomputer for at least an introductory acquaintance with each application will be required. *This course may not be taken if credit has been received for CIS 113.*

- CIS 113 COMPUTER APPLICATIONS AND HARDWARE (3)**  
 Corequisite: CIS 114. A review of the history and need for information processing, the basic information processing cycle and functions, the processing capabilities of computers, system development, and program development. Key application areas in business, including word processing, data base management systems, spreadsheets, and web page design will be examined in some depth. The hardware associated with a computer will be discussed and examined. Hands-on use of a microcomputer for at least an introductory acquaintance with each application will be required. Installation of hardware and software will also be covered. *This course may not be taken if credit has been received for CIS 111.*
- CIS 114 INTRODUCTION TO PROGRAMMING (3)**  
 Corequisite: CIS 113. Introduction to basic programming techniques and fundamental structures and methodologies of modern programming languages. Topics include basic program structure, variables, scope, decision structures, and loops. The course involves multiple programming projects.
- CIS 211 OBJECT ORIENTED PROGRAMMING I (3)**  
 Prerequisite: CIS 114. Introduction to elementary object-oriented programming concepts and methodologies. Topics include types, decisions, loops, methods, arrays, and classes. An emphasis is placed on object-oriented design and problem-solving. The course involves multiple programming projects.
- CIS 212 OBJECT ORIENTED PROGRAMMING II (3)**  
 Prerequisite: CIS 211. Further experience with intermediate object-oriented programming concepts and methodologies. Topics include inheritance, recursion, implementation of advanced data structures, and use of basic container types. An emphasis is placed on object-oriented design and problem-solving. The course involves multiple programming projects.
- CIS 226 DATA STRUCTURES (3)**  
 Prerequisite: CIS 211. Introduction to formal data structures used in modern computing. Topics include access methods, stacks, queues, linked lists, hashing, search trees, physical storage techniques, and indexing techniques. The course involves multiple programming projects.
- CIS 227 NUMBER THEORY (3)**  
 Prerequisite: MAT 151. A course covering prime and composite numbers, divisibility, Diophantine equations, congruences, and number theoretic functions. *Cross-listed as MAT 207.*
- CIS 231 FOUNDATIONS OF NETWORKING I (3)**  
 Corequisite: CIS 113, 226. An introduction to digital communications, local area networks, wide area networks, inter networks, error handling, and network security. This course will have a strong "hands-on" component.
- CIS 240 INTRODUCTION TO WEB PAGE DESIGN (3)**  
 Prerequisite: CIS 111 or 113. The theory of web page design and layout is covered. Existing web sites will be examined to discover best practices in web page design and layout. The student will then plan a basic web site and learn how to create web pages, upload them to a server, and to edit web pages.
- CIS 241 PROGRAMMING AND DATABASE (3)**  
 Prerequisite: CIS 111 or 113. An introductory course in programming concepts and languages used to create web pages. Basic programming concepts will be taught including use of variables, variable types, math operators, and program control. The second part of the course will cover basic concepts of databases such as creating table, primary keys, relations, and common SQL statements.
- CIS 247 DEVELOPING AND USING MULTIMEDIA (3)**  
 Corequisite: ART 101 or 215. An introduction to the use of multimedia on web pages. The course will examine the appropriate use of animations on web pages. The student will create the multimedia using Flash™, which require the student to have some basic art skills. At the end of the course each student will produce an animation that can be used on a web page.
- CIS 248 DESIGN TOOLS (3)**  
 Introduction to the digital tools of any design work. It includes learning to use software for Photoshop, Adobe Illustrator and InDesign. *Cross-listed as ART 248.*

- CIS 255 SPECIAL TOPICS (3)**  
Courses offered under this title reflect the specialties of the computer information systems faculty and the needs of the students.
- CIS 267 DATABASE MANAGEMENT (3)**  
Prerequisite: CIS 211. Introduction to basic database concepts and historical context for modern database design. Topics include entity relationship modeling, relational data model, relational algebra, SQL, relational database design, normalization, recovery, and concurrency.
- CIS 286 ADVANCED SPREADSHEET APPLICATIONS (3)**  
Prerequisite: CIS 111 or 113. A course building upon the spreadsheet concepts developed in CIS 111 to allow the student to create complex business-oriented spreadsheets. The student will develop a commercial quality spreadsheet application that is capable of presenting data in various formats.
- CIS 303 NUMERICAL ANALYSIS (3)**  
Prerequisite: MAT 201 and completion of the two course CIS sequence required of mathematics majors (CIS 111 and 211 or CIS 114 and 212). Numerical analysis covers finite differences, solution of non-linear (algebraic and transcendental) equations, zeros of polynomials, matrix methods, systems of linear equations, interpolation, estimation of parameters by least squares, numerical integration, and solutions of ordinary differential equations. *Cross-listed as MAT 303.*
- CIS 314 ADVANCED PROGRAMMING (3)**  
Prerequisite: CIS 212, 267. Experience with advanced programming techniques and methodologies. Topics include sockets, client/server programming, concurrent programming, distributed programming, and standard template libraries. The course involves extensive practice with sophisticated programming projects.
- CIS 315 OPERATING SYSTEMS (3)**  
Prerequisite: CIS 314. Introduction to underlying techniques used by modern operating systems. Topics include internal structures for file systems, algorithms for file systems, I/O, memory management, and process scheduling. Examples drawn from contemporary operating systems such as UNIX, Microsoft Windows, and Mac OS. The course involves multiple programming projects that illustrate the topics discussed in class.
- CIS 321 ALTERNATIVE PROGRAMMING LANGUAGES (3)**  
Prerequisite: CIS 314. Introduction to various programming languages and methodologies that differ from previous programming experiences. Variety of languages and approaches are utilized. Topics include history of high-level languages, assembly, embedded programming, Cocoa development, development for mobile devices, and artificial intelligence languages. The course involves extensive practice with sophisticated programming projects.
- CIS 322 FOUNDATIONS OF NETWORKING II (3)**  
Prerequisite: CIS 113, 231, 226. Knowledge of skills required for Network Administrators and Information Technology professionals to be aware of security vulnerabilities, to implement security measures, to analyze an existing network environment in consideration of known security threats or risks, to defend against attacks or viruses, and to ensure data privacy and integrity. Terminology and procedures for implementation and configuration of security, including access control, authorization, encryption, packet filters, firewalls, and Virtual Private Networks (VPNs).
- CIS 323 WEB PAGE DESIGN I (3)**  
Prerequisite: CIS 111. An overview of the tools available to design and develop an effective personal or corporate presence on the World Wide Web. This will be accomplished through the use of hands-on projects and exercises. Topics covered will include basic and advanced HTML, javascripts, ASP, and database connectivity.
- CIS 336 FOURTH GENERATION LANGUAGES (3)**  
Prerequisite: CIS 267. Further experiences with SQL and an introduction to 4GL front-ends. Course is a continuation of CIS 267. Topics include advanced SQL, views, stored procedures, SQL server management, reporting services, and notification services. The course involves extensive practice with sophisticated database projects that utilize a modern enterprise-level database package.

**CIS 341 WEB PROGRAMMING I (3)**  
Prerequisite: CIS 241 or 267. An introduction to programming as it applies to web pages. Topics will include VBScript, JavaScript, forms, form calculations, and database connections. Students will use an integrated web page editor that automates numerous processes in web development.

**CIS 342 WEB PROGRAMMING II (3)**  
Prerequisite: CIS 341. A course consisting of advanced programming as it applies to web pages. Topics covered will include forms, database access via the web, and interactive web pages. The student will learn how to create web pages and understand the coding behind the page so it can be modified to meet specific needs.

**CIS 348 WEB DESIGN PROJECT (3)**  
Prerequisite: CIS 248, 342. The capstone course for the associate degree. Students will work in teams to develop a sophisticated web. Members of the CIS Department and the Art Department will review the project.

**CIS 355 SPECIAL TOPICS (3)**  
Courses offered under this title reflect the specialties of the computer information systems faculty and the needs of the students. May include such topics as Computer Graphics, Expert Systems, Artificial Intelligence, and Computers in Small Business Applications.

**CIS 400 INDEPENDENT STUDY (3)**  
Independent study credit is offered when students wish to explore a specific issue of computer information systems that falls outside the parameters of the established departmental curriculum. Independent studies are subject to departmental approval and entail direct supervision of a departmental faculty member.

**CIS 410 SENIOR SEMINAR I (1-3)**  
Prerequisite: Senior standing and permission of the instructor. Students will work in project teams and actually design, code, document, and implement a commercial system. If possible, these systems will be actual production systems which will be used within the College or at local businesses.

**CIS 411 SENIOR SEMINAR II (1-3)**  
Prerequisite: Senior standing and permission of the instructor. Students will work in project teams and actually design, code, document, and implement a commercial system. If possible, these systems will be actual production systems which will be used within the College or at local businesses.

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#### COOPERATIVE EDUCATION

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See cooperative education section under academic options for more information.

**CED 304 CO-OP EDUCATION IN ART**  
**CED 305 CO-OP EDUCATION IN BUSINESS**  
**CED 306 CO-OP EDUCATION IN CHEMISTRY**  
**CED 307 CO-OP EDUCATION IN CRIMINAL JUSTICE**  
**CED 308 CO-OP EDUCATION IN ENGLISH**  
**CED 309 CO-OP EDUCATION IN HISTORY**  
**CED 310 CO-OP EDUCATION IN ACCOUNTANCY**  
**CED 312 CO-OP EDUCATION IN THEATRE**  
**CED 313 CO-OP EDUCATION IN COMPUTER INFORMATION SYSTEMS**  
**CED 314 CO-OP EDUCATION IN BIOLOGY**  
**CED 315 CO-OP EDUCATION IN PSYCHOLOGY**  
**CED 316 CO-OP EDUCATION IN MATHEMATICS**  
**CED 317 CO-OP EDUCATION IN PHYSICS**  
**CED 320 CO-OP EDUCATION IN SOCIOLOGY**  
**CED 321 CO-OP EDUCATION IN PRE-LEGAL STUDIES**  
**CED 322 CO-OP EDUCATION IN COMMUNICATION**  
**CED 323 CO-OP EDUCATION IN INTERNATIONAL STUDIES**  
**CED 324 CO-OP EDUCATION IN ECONOMICS**  
**CED 325 CO-OP EDUCATION IN EDUCATION**  
**CED 326 CO-OP EDUCATION IN FORENSIC SCIENCE**

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**CRIMINAL JUSTICE**

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- CRJ 101 INTRODUCTION TO CRIMINAL JUSTICE (3)**  
An introduction to the philosophical and historical background and development of the criminal justice system. Review of criminal justice functions, processes and procedures, and an examination of current trends and concepts are also explored. *A grade of C or higher in this course is required for all higher level Criminal Justice courses.*
- CRJ 209 CRIMINAL INVESTIGATION (3)**  
Prerequisite: CRJ 101. Criminal Investigation entails an examination of the fundamentals of criminal investigations, including courses of information, crime scene, collection, recording and preservation, scientific aids, modus operandi, interviews and interrogations, follow-up and case preparation.
- CRJ 210 THEORY AND PHILOSOPHY OF POLICING (3)**  
Prerequisite: CRJ 101. A study of the role of the law enforcement officer in society, including the responsibility of the police in the community, and citizen's responsibilities to the law enforcement agencies and the police.
- CRJ 225 CRIMINOLOGY (3)**  
Prerequisite: CRJ 101. Criminology examines crime and the criminal in society. The nature of crime and criminal law, theories of crime and crime causation, and methods of treatment and prevention are also addressed. *Cross-listed as SOC 225.*
- CRJ 226 JUVENILE JUSTICE (3)**  
Prerequisite: CRJ 101. The Juvenile Justice course analyzes the social and legal implications of the juvenile system. Causes, treatment, and prevention of juvenile delinquency are explored. *Cross-listed as SOC 226.*
- CRJ 301 CRIMINAL LAW AND COURTS (3)**  
Prerequisite: CRJ 101. An examination of the definitions and interpretations of the penal code and the structure and functions of the American court system.
- CRJ 304 SUBSTANCE ABUSE (3)**  
Prerequisite: CRJ 101. A study of the pharmacological, social, legal, and clinical aspects of drug use in contemporary society. *Cross-listed as SOC 304.*
- CRJ 307 INSTITUTIONAL CORRECTIONS (3)**  
Prerequisite: CRJ 101. An examination of the history and development of penal systems for the treatment of juvenile and adult offenders, focusing on current programming, treatment services, and structure of corrections services.
- CRJ 311 SOCIAL RESEARCH METHODOLOGY (3)**  
Prerequisite: CRJ 101; MAT 208 or PSY 201. Social research methodology involves exposure to and application of various methods used in conducting social science research. Topics include survey design, interview techniques, field research methods, participant/non-participant observational techniques, sampling design, data analysis, and publication of findings. *Cross-listed as SOC 311.*
- CRJ 313 PROBATION AND PAROLE (3)**  
Prerequisite: CRJ 101. A study of the structure and function of adult and juvenile probation and parole agencies, policies, and service. Examination of various roles of the probation and parole officer and legal issues encountered in the practice of probation and parole is included.
- CRJ 320 ADVANCED POLICING (3)**  
Prerequisite: CRJ 101. Course focuses on the varieties of police behavior, providing an in-depth examination of how police practices vary according to individual officer, situational encounters, police organizations, and surrounding communities, including the roles of police discretion, officer behavior, rural policing, community policing, corruption, and use of force.
- CRJ 324 WOMEN AND CRIME (3)**  
Prerequisite: CRJ 101. An examination of the role of women in crime as offenders, victims, and criminal justice professionals. This course examines these roles in all the components of the criminal justice system-police, courts, and corrections.

**CRJ 355 CONTEMPORARY TOPICS (3)**  
Prerequisite: CRJ 101. Courses are offered periodically as criminal justice electives when courses are developed that deviate from the offerings of the established curriculum, but remain consistent with departmental goals, such as serial murder, data analysis and grant writing, or psychology and the law.

**CRJ 400 INDEPENDENT STUDY (3)**  
Independent study credit is offered when students wish to explore a specific issue of criminological interest that falls outside the parameters of the established departmental curriculum. Independent studies are subject to departmental approval and entail direct supervision of a departmental faculty member.

**CRJ 401 PRACTICUM (3)**  
Course Requirement: Junior or Senior Standing. Under the auspices of a criminal justice agency, a practicum is designed to provide the student with a realistic learning experience in a professional setting. Arrangements must be made with the instructor during the prior semester.

**CRJ 405 CAREER DEVELOPMENT (3)**  
Prerequisite: CRJ 101. The career development course focuses on exploration and development of students' future roles in the criminal justice system and/or civil/criminal law. Emphasis is placed upon resume preparation, GRE and LSAT preparation, human resource marketing, interview techniques and graduate and law school application processes.

**CRJ 407 CRIMINAL JUSTICE ADMINISTRATION (3)**  
Prerequisite: CRJ 101. A focus on the study of the administrative aspects of the criminal justice system, including the structure and function of criminal justice organizations, research, planning and development of services, and personnel issues.

**CRJ 409 SENIOR SEMINAR (3)**  
Course Requirement: Junior or Senior standing. Senior seminar is a capstone for the major. In the course specific topics are addressed in a fashion that promotes synthesis of previous courses.

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#### DANCE

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**DAN 100 DANCE STYLES I (2)**  
An introduction to ballet and jazz techniques as well as various styles of dance including historical dance and musical theatre dance.

**DAN 200 DANCE STYLES II (2)**  
A continuation of DAN 100 working for a wider application and refinement of the methods and styles learned in DAN 100.

**DAN 201 BASIC TAP DANCE (2)**  
Prerequisite: DAN 100. A class focused on teaching basic tap steps and construction of tap dances and programming.

**DAN 255 SPECIAL TOPICS (1-3)**  
Special topics will be offered under this number.

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#### ECONOMICS

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**ECO 105 PRINCIPLES OF ECONOMICS (3)**  
Students will understand how economics can provide a framework for solving social problems through market forces and a role for government. The microeconomics portion of this course deals with consumers and businesses as they interact with markets, and the interrelationships between various markets. The macroeconomics portion of this course focuses on the factors that influence the fluctuations in economic activity and what can be done about them, given our responsibility to others. *This course fulfills a core requirement in social science for all majors except Business Administration and Sports and Entertainment Marketing.*

**ECO 205 MONEY AND BANKING (3)**  
Prerequisite: ECO 105. A survey of the money and banking system and its workings, the theory and history of money, credit, and commercial banking, international financial relationships and the Federal Reserve.

- ECO 206 CONTEMPORARY ECONOMIC PROBLEMS (3)**  
Prerequisite: ECO 105. Students will analyze current economic problems such as inflation, unemployment, overpopulation, resource depletion, and environmental issues, using the economic growth issue as the framework for discussion.
- ECO 215 MICROECONOMIC THEORY (3)**  
Prerequisite: ECO 105. An advanced course offering an analysis of price determination and market structures including consideration of supply, demand, costs, production functions, and general equilibrium.
- ECO 216 MACROECONOMIC THEORY (3)**  
Prerequisite: ECO 105. An advanced course examining national income determination, including a consideration of the classical, neo-classical, Keynesian, and neo-Keynesian theories and their application to the problems of unemployment, growth, and the business cycle.
- ECO 217 INTRODUCTORY MICROECONOMICS FOR HEALTHCARE PROFESSIONALS (3)**  
An introduction to microeconomic concepts like opportunity cost, supply and demand, marginal analysis, perfect and imperfect competition, and market failure.
- ECO 218 PERSONAL FINANCE (3)**  
Prerequisite: ECO 105. Students will explore the many financial decisions that the average individual and family must make, such as credit and borrowing, insurance, taxes, and purchasing.
- ECO 238 INTERNATIONAL ECONOMICS AND FINANCE (3)**  
Prerequisite: ECO 105. A course examining the economics of foreign trade, including real and monetary aspects, balance of payments, gold flows, exchange rates, free trade, and protectionism.
- ECO 239 ECONOMIC GROWTH AND DEVELOPMENT (3)**  
Prerequisite: ECO 105. An inquiry into the history and analysis of the concepts of economic growth and development as applied to various types of economic systems.
- ECO 255 SPECIAL TOPICS IN ECONOMICS (3)**  
A special topics course that will cover a specific area of economics.
- ECO 260 ENVIRONMENTAL ECONOMICS (3)**  
Prerequisite: ECO 105. An application of economic theory to help study environmental issues. The broad topics discussed include externalities, public goods and social cost/benefit analysis. Microeconomic tools will be used to evaluate environmental policy as well as the management of natural resources and issues of sustainable development.
- ECO 305 GAME THEORY AND BUSINESS STRATEGY (3)**  
An introduction to non-cooperative game theory with applications to firm strategy and bargaining models. Game theory is a powerful tool for understanding strategic interactions between firms, interest groups, political parties, nations, and species.
- ECO 306 COMPARATIVE ECONOMIC SYSTEMS (3)**  
Prerequisite: ECO 105. A comparative study of the different types of economic systems. Attention is given to economic theory and recent trends in the transformation and change occurring in these economic systems.
- ECO 310 LAW AND ECONOMICS (3)**  
Prerequisite: ECO 105. Introduction to the economic analysis of the law. Economic analysis will be used to shed light on property, tort, and contract law. *Cross-listed as PLS 310.*
- ECO 315 ADVANCED MICROECONOMIC THEORY (3)**  
Prerequisite: ECO 215; MAT 143. This course will revisit material from Microeconomic Theory and cover other advanced topics like asymmetric information and contract theory using calculus as the key analytical tool.

**ECO 325 INVESTMENT ANALYSIS (3)**  
An examination of the principles and practices of investing in stocks and bonds, with emphasis on the analysis of corporate financial statements to arrive at investment decisions. A background is also provided on banking institutions, investment companies and brokerage operations. *Cross-listed as BUA 325.*

**ECO 349 WORLD ECONOMIC HISTORY (3)**  
A global survey of the evolution of economic systems from World War I to the present. *Cross-listed as HIS 349.*

**ECO 355 SPECIAL TOPICS (variable credit)**  
Special topics courses are offered periodically and investigate topics in Economics that are not included in the established curriculum.

**ECO 405 STUDENT PROJECT (variable credit)**  
Course requirement: Sophomore, Junior or Senior standing in any department and some preparation in Economics. A student project is a supervised, independent endeavor in any area of economics chosen by the student with departmental approval. May be taken more than once.

**ECO 455 SPECIAL TOPICS (variable credit)**  
Special topics courses are offered periodically and investigate topics in Economics that are not included in the established curriculum.

**ECO 481 SENIOR RESEARCH (3)**  
Course requirement: Senior standing. Students will research and prepare their senior thesis.

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#### EDUCATION

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**EDU 101 INTRODUCTION TO EDUCATION (2)**  
Students will study the teacher's role in the education program, experience local public and non-public schools and analyze the function of schools today. Field experience in diverse settings.

**EDU 201 HUMAN GROWTH AND DEVELOPMENT (3)**  
Prerequisite: EDU 101; PSY 105. An examination of the physical, mental, emotional, and social development patterns and the implications of this knowledge for teaching and learning. Field experience in diverse settings.

**PHE 105 HEALTH AND PHYSICAL EDUCATION (3)**  
Prerequisite: EDU 201; admission to the Teacher Education Program. Course will include elements of hygiene, nutrition, application of health knowledge, methods of teaching health, supervision of and participation in physical activities.

**EDU 202 EDUCATIONAL PSYCHOLOGY A: P-5, B: 5-9, C: 8-12 (3)**  
Prerequisite: EDU 201. Learning theories and teaching-learning processes are studied. Specific field experience is required.

**EDU 205 CHILDREN'S LITERATURE (3)**  
An investigation of the essential elements and types of literature. Students will acquire a knowledge base of authors and books and learn about the use of children's literature in teaching.

**EDU 210 DEFINING BOUNDARIES (1)**  
Course requirement: Sophomore standing. The Break the Boundaries sequence (EDU 210 and 360) gives students the challenge and opportunity to move beyond their own personal cultural limitations. In EDU 210 students are invited to discover where some of their boundaries lie and begin to explore them.

**EDU 212 ADOLESCENT LITERATURE FOR TEACHERS (3)**  
Prerequisite: EDU 201. A reading- and writing-intensive course focusing on developing strategies for reading and analyzing adolescent literature, and for teaching such material in middle school contexts with a strong focus on pedagogical strategies and curricular development. *Cross-listed as ENG 212.*

**EDU 215 EARLY CHILDHOOD EDUCATION (3)**  
Concurrent Requisite: EDU 216. An examination of the early childhood curriculum, media and materials, organization of the program, parent education and home visitation, understanding of families, community

resources, planning learning experiences and evaluation of pupil programs and progress. Direct observation and clinical experiences are required.

**EDU 216 EARLY CHILDHOOD PRACTICUM (1)**

Concurrent Requisite: EDU 215. Students will have a guided experience as observer and aide to young children in kindergarten and/or primary grades. It complements the study of early elementary children.

*NOTE: STUDENTS MUST BE ADMITTED TO TEACHER EDUCATION BEFORE REGISTERING FOR 300- AND 400 -LEVEL COURSES.*

**EDU 221 TEACHING ART IN ELEMENTARY SCHOOL (3)**

A course designed primarily for the classroom teacher who may be teaching in a school without an art specialist. This course provides for a variety of experiences such as involvement in all kinds of media, aesthetic exercises, art history through museum visits and experience with art criticism at various levels. Students will have a vital role in designing and implementing their own sequence of art lessons for an after school art program. *Cross-listed with ART 221.*

**EDU 225/226/227 FIELD EXPERIENCE (0)**

These courses will allow students in the Teacher Education Program to associate the field experience hours they accumulate for the purpose of the EPSB 200 hours requirement under 16 KAR 5:040 Section 3. EDU 225 is completed in the fall; EDU 226 in the spring; EDU 227 in the summer. To fulfill the requirements the candidates can participate in the following: engagement with diverse populations of students, observation in schools and related agencies, student tutoring, interaction with families of students, attendance at school board and school-based council meetings, participation in a school-based professional learning community, and opportunities to assist teachers or other school professionals.

**EDU 301, 302 CLINICAL SEMINAR I, II (A: P-5, B: 5-9) (2, 2)**

Concurrent Requisite: EDU 303, 304. A seminar integrating theory into practice and develops the professional skills in instructional and classroom management. EDU 301 and 302 are structured as a two-semester sequence.

**EDU 303, 304 CLINICAL FIELD EXPERIENCE I, II (A: P-5, B: 5-9) (1, 1)**

Concurrent Requisite: EDU 301, 302. Students will gain experience participating at specific grade levels.

**EDU 305 EDUCATIONAL TECHNOLOGY (3)**

Students will study the concepts and skills used in teaching with the aid of technology and multimedia. Laboratory experiences are included.

**EDU 311, 312 SECONDARY CLINICAL SEMINAR I, II (2-3, 2-3)**

Concurrent Requisite: EDU 313, 314. A seminar integrating theory into practice and develops the professional skills in instructional and classroom management. EDU 311 and 312 are structured as a two-semester sequence.

**EDU 313, 314 SECONDARY CLINICAL FIELD EXPERIENCE I, II (1, 1)**

Concurrent Requisite: EDU 311, 312. Students will gain experience participating in secondary schools.

**EDU 317 TEACHING EXCEPTIONAL LEARNERS (2)**

Prerequisite: EDU 202. An overview of identification, evaluation, and placement procedures for exceptional learners. Other topics will include the principles and procedures for adapting educational programs to accommodate the integration of exceptional children in the regular classroom, the identification of educationally relevant special education methods and materials, modification of the curriculum and classroom environment, and utilization of supportive services and personnel, including teachers. Field experience in diverse settings.

**EDU 325 TEACHING LANGUAGE ARTS (A: P-5, B: 5-9) (2)**

Students will study the theoretical base, current research, and particular methods and materials for teaching the language arts.

**EDU 326 TEACHING SOCIAL STUDIES (A: P-5, B: 5-9) (2)**

The historical and research base for social studies classroom practices, procedures, and materials are studied.

- EDU 327 TEACHING SCIENCE (A: P-5, B: 5-9) (2)**  
A seminar examining differentiated instructional strategies, media and materials for pupil experimentation, investigation, and discovery.
- EDU 328 TEACHING MATHEMATICS (A: P-5, B: 5-9) (2)**  
Students will study how children learn mathematics and the techniques, activities, and materials required for teaching mathematics.
- EDU 332 TEACHING READING: P – 5 (4)**  
An investigation of the theories and psychology of reading and the teaching of reading. Students will learn a developmental approach to teaching reading through appropriate methods.
- EDU 336 TEACHING READING AND WRITING IN THE CONTENT AREAS: 5 – 12 (3)**  
Prospective middle and secondary teachers will learn methods, theories, and pedagogy for improving student content acquisition using literary strategies. The course focuses on student-centered lesson development with specific instructional strategies for improving understanding through reading and writing.
- EDU 360 EXPLORING AND BREAKING BOUNDARIES (2)**  
Prerequisite: EDU 210 and 20 hours of community service. Students will explore and discuss issues of diversity as it relates to race, class, gender, language, etc. as it pertains to schooling and learning. Students will also develop and present lessons/strategies designed to expand their understanding of diversity in schools.
- EDU 407 STUDENT TEACHING AND SEMINAR (A: P-5, B: 5-9) (13)**  
Students will observe, participate, and gain teaching experience under the direction of the cooperating teacher and the supervisor of student teaching. For A: P-5, students will complete two consecutive assignments, each for a half semester, in non-adjacent levels. For B: 5-9, students will complete a full-semester assignment.
- EDU 417 SECONDARY STUDENT TEACHING AND SEMINAR (13)**  
Students will observe, participate, and gain actual teaching experience under the direction of the cooperating teacher and the supervisor of student teaching. Students will complete a full-semester assignment.
- EDU 418 STUDENT TEACHING AND SEMINAR: P – 12 (13)**  
For students in P – 12 programs, students will observe, participate, and gain actual teaching experience under the direction of cooperating teachers and the supervisor of student teaching. Placements include two of three levels: elementary, middle school, high school. The first of two consecutive assignments last eight weeks; the second, seven weeks.
- EDU 422 PRINCIPAL CONCEPTS OF ASSESSMENT PRACTICES (3)**  
Education majors will learn the skills necessary to design and interpret assessment instruments used in schools to inform instruction. The course will focus on gathering and preparing pre-assessment data, formative assessment data, summative assessment data, and the feedback process for student learning.
- EDU 425 INTEGRATIVE SEMINAR (3)**  
An examination of educational philosophies, school law and management, and school-related social issues. Students will clarify their own attitudes and values.

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**MASTER OF ARTS IN TEACHING COURSES**

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- EDM 505 CLASSROOM APPLICATIONS OF TECHNOLOGY (2)**  
This course introduces students to the utilization of technology and multimedia as part of the educational process. Laboratory experiences are included. The course will focus on technological solutions necessary for a professional career as a teacher.
- EDM 510 HISTORY AND PHILOSOPHY OF AMERICAN EDUCATION (2)**  
In this course students will examine the field of teaching as a profession and of schooling as it currently functions in the United States. The course will focus on inquiry into contemporary educational theory and practice and will examine important issues facing the educator in a complex society. This course provides an opportunity to clarify attitudes and values, enabling each candidate to attain a more comprehensive perspective of his/her profession and professional responsibility.

- EDM 511 HUMAN DEVELOPMENT, BEHAVIOR AND LEARNING (2)**  
 This course entails development through the life span: physical, cognitive, social, emotional, and personal development. Special emphasis is given to these areas as they relate to children in school and to the adults who influence them.
- EDM 512 METHODS OF EFFECTIVE CLASSROOM INSTRUCTION (3)**  
**FOR P-12, 5-12, MIDDLE GRADES AND SECONDARY SETTINGS**  
 In this course students learn about effective classroom methods and instructional strategies. It requires development of lesson plans, presenting lessons, and critical analysis of demonstrated lesson plans. It combines seminar format and content area field experience. Candidates must also shadow teachers in their content area, and reflect upon the various strategies and methods being used.
- EDM 515 CLASSROOM MANAGEMENT AND DISCIPLINE (2)**  
 This course explores recent research and theory related to planning, organizing, and managing student learning and behavior in the classroom. Students will demonstrate effective classroom management and disciplinary teachings.
- EDM 517 EXCEPTIONALITIES AND SCHOOLING (2)**  
 An overview of identification, evaluation, and placement procedures for exceptional learners is given. Other topics will include the principles and procedures for adapting educational programs to accommodate the integration of exceptional children in the regular classroom, the identification of educationally relevant special education methods and materials, modification of the curriculum and classroom environment and utilization of supportive sources and personnel, including teachers. Legal requirements are addressed.
- EDM 518 MULTICULTURAL EDUCATION (2)**  
 A course addressing the role cultural identity plays in students' experiences in schools and how theories of prejudice, feminism, and cultural diversity can help explain patterns of behavior in schools. Students are encouraged to self-assess values, attitudes, and dispositions. Students will examine curricular changes necessary to address inclusion of all students in today's schools.
- EDM 520 TEACHING WRITING AND READING ACROSS THE DISCIPLINES (3)**  
 An introduction for prospective middle and secondary teachers to the theories, practices, and approaches for improving content acquisition (primarily non-fiction) using literacy strategies. The course focuses on assignment and lesson development, and strategies for improving understanding through reading and writing.
- EDM 528A CURRICULUM DESIGN AND ASSESSMENT (3)**  
 This course applies principles and strategies for effective middle/secondary teaching. Students will study methods of research and assessment including Kentucky's including testing, measurement, and statistics.
- EDM 528B ACTION RESEARCH (3)**  
 This course builds upon information acquired in EDM 528A and emphasizes action research. Candidates will be introduced to action research and will apply action research methods in a classroom setting using data collected during the current semester. They will develop a final project to share their research findings.
- EDM 535 SUPERVISED TEACHING EXPERIENCE (12)**  
 This class is designed for MAT candidates in the Traditional Program (Track II) who are engaged in the student teaching experience. It utilizes a seminar format where candidates share their actual teaching experience and finalize their professional portfolio. Candidates observe, participate, and gain actual teaching experience under the direction of the cooperating teacher and the supervisor of student teaching. Candidates will complete a full semester assignment.
- EDM 536A MENTORED TEACHING I (6)**  
 Candidates in Track I who have a teaching position under the Alternative Route, Option 6, participate in this class which utilizes a seminar format. Candidates will be mentored by an experienced teacher who will model and demonstrate effective skills in working with students, serve as a mentor/coach, and assist TMC faculty in monitoring the progress of the candidate's teaching skills. This section of Mentored Teaching occurs during the first semester of the program for Track I candidates and provides additional time with an experienced MAT faculty member to reflect upon their teaching experience and to practice effective teaching strategies.

**EDM 536B MENTORED TEACHING II (4)**

This is a continuation of EDM 536A for candidates in Track I who are in their second semester under the Alternative Route, Option 6, who are continuing their teaching positions. Candidates continue to be mentored by an experienced teacher who will model effective teaching skills, serve as a mentor/coach, and assist TMC faculty in monitoring the progress of the candidate's overall effectiveness as a teacher. This section of Mentored Teaching occurs during the second semester of the program for Track I candidates and provides additional time with an experienced MAT faculty member to reflect upon their teaching experience and to continue practice of effective teaching strategies.

**EDM 536C MENTORED TEACHING III (0 and 4)**

This is a continuation of EDM 536B for candidates in Track I who are in their third and fourth semesters under the Alternative Route, Option 6, who are continuing their teaching positions. Candidates register for this course as a non-credit class in the first semester of their second year so that continuity is maintained with the mentor. Candidates register for this class for credit in their final semester, and credit is awarded at the end of the spring semester of the second year. Candidates continue to be monitored by the mentor teacher and the TMC faculty member assigned to this section. Candidates finalize their professional portfolio during the second semester of their second year and make a formal presentation as part of this course.

**EDM 551 FIELD STUDIES COMPONENT (2)**

A practicum course and provides practice in planning and implementing instructional strategies with middle/secondary level students.

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**MASTER OF EDUCATION COURSES**

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**EDM 611 INSTRUCTIONAL LEADERSHIP IN SCHOOLS FOR DIVERSE POPULATIONS (3)**

In this course, the teacher leader candidates will study the foundations of school/district leadership and how effective leaders address issues related to race, gender, sexual orientation, social class, socio-economic status, disability, and/or language, in order to transform schools and districts in ways that serve the interests of all students

**EDM 612 STANDARDS AND REFORM IN EDUCATIONAL LEADERSHIP (3)**

This course explores the historical and current standards of reform in educational leadership. Throughout the course, candidates will examine how reforms in educational leadership stress the ways in which teachers can work collaboratively to build a shared vision and a supportive culture that identifies common school-wide goals while simultaneously monitoring and evaluating the progress of these goals.

**EDM 621 EDUCATIONAL CHANGE AND EFFECTIVENESS (3)**

This course explores how teacher leaders can be catalysts for change by deepening their knowledge about educational policy and affecting change in diverse school settings. This course considers how broader trends affect the structure and purpose of educational systems, how changes within education affect the wider society, how systems of schooling themselves change, and the prospects for planned change within systems of schooling. Finally, this course will discuss the framework for professional learning communities, systematic change, and effectiveness through a review of literature.

**EDM 622 RESEARCH IN EDUCATIONAL ISSUES: CONTEMPORARY PERSPECTIVES (3)**

In this course, students will explore how educational research is performed, interpreted, and applied to revise/improve instruction. In professional learning communities, students will collect and analyze educational data to improve student achievement or address key issues within a school.

**EDM 631 CURRICULUM DESIGN AND ASSESSMENT FOR ALL LEARNERS (3)**

This course reviews the research and implementation of curriculum and assessment design principles for teacher leader candidates. Through this course, teacher leader candidates will understand how to evaluate curriculum for quality, accuracy, and effectiveness.

**EDM 632 TRANSFORMING SCHOOLS AND CLASSROOMS FOR 21<sup>st</sup> CENTURY SKILLS (3)**

This course reviews the most current research in the area of 21st Century Skills, teacher leadership development, curriculum development, and student learning. It will provide candidates with current models, techniques, and processes recommended by leaders in school reform to create effective change in schools.

**EDM 633 CONDUCTING ACTION RESEARCH IN CLASSROOMS (3)**  
The primary focus of this course is to implement and complete action research from a practitioner's point of view. In this course, through action research, teacher leader candidates will design, adapt, and deliver action research projects to address diverse student learning strengths and needs and create opportunities for candidates to demonstrate their learning in various ways.

**EDM 634 CONTENT LITERACY AND NEW MEDIA IN EDUCATION (3)**  
In the 21st Century students need to develop new literacy skills to be college and career ready for our evolving global economy. In this course, teacher leader candidates will critically examine and analyze the way media and information literacies influence student understanding of content. This course will allow the teacher leader candidates to have a critical media literacy education that provides a framework for the multiple forms of new literacy needs for living, working and citizenship in the 21st century.

**EDM 651 INTEGRATING 21<sup>st</sup> CENTURY SKILLS IN THE CLASSROOM: CONTENT AND SKILLS DEVELOPMENT (3)**  
This course provides teacher leader candidates the practical skills needed to learn about current educational technologies that aid in developing 21st Century Skills. Teacher leader candidates in this course will learn about ways to use and integrate technology in classrooms for delivery of instruction, assessment, and feedback.

**EDM 652 INTEGRATING 21<sup>st</sup> CENTURY SKILLS IN THE CLASSROOM II: INTEGRATION PROCESSES AND TECHNIQUES (3)**  
This is a second course in a sequence to address 21st Century Skills integration in classrooms. The primary focus of this course is for teacher leader candidates to learn to integrate and implement age/grade appropriate educational technologies in classrooms.

**EDM 661 INDEPENDENT STUDY (3)**  
This course assists the teacher leader candidate with the opportunity to develop and master skills to address needs for their professional growth in any of the following areas: content, foundations, procedures, application, or analysis. This course should have a direct impact on student learning or school improvement. The candidate consults with the faculty advisor in order to develop a plan of action that supports both the professional growth plan and/or the capstone project.

**EDM 662 INDEPENDENT STUDY (3)**  
This course assists the teacher leader candidate with the opportunity to develop and master skills to address needs for their professional growth in any of the following areas: content, foundations, procedures, application, or analysis. This course should have a direct impact on student learning or school improvement. The candidate consults with the faculty advisor in order to develop a plan of action that supports both the professional growth plan and/or the capstone project.

**EDM 701 CAPSTONE PROJECT IN ASSESSMENT, REFORM, AND 21<sup>st</sup> CENTURY SKILLS (3)**  
The capstone project is a reflection of teacher leadership candidate skills he or she has developed through the course of the Teacher Leader Masters in Education program. It provides the opportunity for teacher leader candidates to apply the knowledge they have gained and conduct an original project over a period of time that showcases the concepts and skills that you have acquired as a Teacher Leader.

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## ENGLISH

### Core Curriculum Requirement

Students in the B.A., B.S., B.S.N., B.E.S, and B.B.A. programs are required to complete ENG 150 Literature, Writing and Research and a literature or advanced writing course at the 200 level or above. Courses that **do not** fulfill this requirement include: ENG 106, 210, 298, 304, and 405.

**ENG 099 BASIC COMPOSITION (0)**  
A course designed to develop the principles and techniques of written English composition and to strengthen basic skills in grammar, punctuation, sentence, and paragraph construction. The course is required of students who do not meet the College's criteria for performance on the English section of the ACT, currently 17 or lower (or a score lower than 450 on the SAT). *This course uses the remedial grading system and does not count toward the 128 hours needed for graduation or satisfy any core requirement.*

**ENG 106 FUNDAMENTALS OF BUSINESS AND ACADEMIC WRITING (3)**  
Course Requirement: Enrollment in TAP. Students will develop academic and business writing skills. The course will emphasize effective writing and communication skills needed in academic and professional settings. Students will learn to create concise, professional documents for internal and external stakeholders. Legal and ethical standards for business and academic writing, including plagiarism, writing with integrity, and using bias-free language will be covered. *Cross-listed as BUA 106.*

**ENG 150 LITERATURE, WRITING AND RESEARCH (3)**  
A reading and writing intensive course topical in nature, with multiple topics offered each semester. The course invites students to explore literature as a meaningful and complex expression of human experience. Students will learn to identify literary strategies and to articulate critical issues raised by texts. An integral component of the course will be a research essay incorporating MLA format.

**ENG 210 INTRODUCTION TO LITERARY STUDIES (3)**  
Course Requirement: English or English-Secondary Education students. A course taken during the freshman year. Students will develop multiple strategies for reading and interpreting a variety of literature, including poetry, short stories, novels, and reflective essays; analyze styles, genres, themes, trends, and rhetorical devices; explore the cultural forces and historical contexts that surround literary works; learn to apply an understanding of literary elements and theory; enhance invention, writing, research and citation skills; and contemplate the nature of English as an academic discipline.

**ENG 212 ADOLESCENT LITERATURE FOR TEACHERS (3)**  
Prerequisite: EDU 201. A reading- and writing-intensive course focusing on developing strategies for reading and analyzing adolescent literature, and for teaching such material in middle school contexts with a strong focus on pedagogical strategies and curricular development. \*This course is required for Education Middle School majors with an English-Communication teaching specialty. Due to the emphasis on pedagogy, this course is not recommended for students fulfilling English core requirements. *Cross-listed as EDU 212.*

**ENG 227 MYTHOLOGY AND LITERATURE (3)**  
An examination of selected literature for the purposes of exploring the mythologies of various cultures and examining the use of myth in various texts. It is not a Mythology course, *per se*, but instead explores how writers weave ancient myth and mythical patterns within more modern texts to create complex webs of meaning and association. The course might include works by writers such as Milton, Keats, Joyce, Welty, Bellow, Updike, and many others.

**ENG 229 AFRICAN-AMERICAN LITERATURE (3)**  
An examination of selected readings from the literature of African-American culture, including fiction, theatre, essays, songs, poetry, and folklore. The course may utilize selections from African and American folklore and mythology, slave spirituals, nineteenth century escape narratives and literature, the writings of the 1920's Harlem Renaissance, and contemporary works.

**ENG 235 CLASSIC SCIENCE FICTION (3)**  
Recommended Prerequisite: ENG 150. A focus on the short stories of the heyday of the genre, when science fiction progressed from the tradition of the action-adventure story all the way to the serious musings of speculative fiction. It will investigate the subject matter of science fiction: artificial intelligence, aliens, space exploration, futuristic societies, and the dangers of technological development. Here in the 21<sup>st</sup> century, technology is growing at an amazing pace, transforming our world almost daily. The course will examine questions such as: Has the body of literature known as Science Fiction been able to predict the future? What ideas and expectations did the science fiction writers from the 20<sup>th</sup> century have, and how many of these ideas have come to fruition?

**ENG 242 FILM AND THE NOVEL (3)**  
Students will study how to read a film, with particular emphasis on the art of translation of novels into films. Students explore the relationship between two highly developed art forms, through critical reading and comparison.

**ENG 244 NATIVE AMERICAN LITERATURE (3)**  
An introduction to Native American studies by means of contemporary Native American writing: fiction, poetry, and non-fiction. The course focuses on the long oral Native American tradition and how contemporary writers have translated it into the written word.

**ENG 255 SPECIAL TOPICS** (3)  
Writing-intensive topical literature courses will be offered under this number as English electives.

**ENG 255CW SPECIAL TOPICS: CREATIVE WRITING** (3)  
Creative writing courses will be offered under this number as English electives.

**ENG 260 THE VIETNAM WAR IN LITERATURE AND FILM** (3)  
A writing-intensive literature elective that provides a focused study of some of the best literature written by Vietnam Veterans (American and Vietnamese), and of major motion picture and documentary depictions of the Vietnam War. The course will begin with a historical overview of the Vietnam conflict, and while this will not be a Vietnam history course, students will be expected to understand major related historical and political events of the era. We will examine a variety of personal perspectives in literature, poetry, and memoir, and explore the changing cultural responses to the war as reflected in Hollywood's uses of the Vietnam conflict in selected feature films. The course will stress class participation, discussion, and thoughtful reflection and analysis through journal writing, essays, oral reports, and a research project.

**ENG 270CW CREATIVE WRITING SURVEY** (3)  
In a studio-oriented atmosphere, students will explore a range of creative writing genres including poetry (free verse, "slam," "spoeetry," and traditional forms), flash fiction and short story, song lyrics and dramatic scene writing. The course will also emphasize special stylistic techniques and aesthetics that inform specific expressive genres. Class sessions will emphasize invention activities and feature interactive workshops about drafts in progress. Students will read and discuss examples of "classic" and "popular" literature with an eye toward aesthetic value-how does its content work technically and why is it circulating among hundreds of people? This course fulfills either a fine arts or upper level literature and writing requirement for the core.

**ENG 277 APPALACHIAN AND KENTUCKY WRITERS** (3)  
Recommended prerequisite: ENG 150. Literature written by Kentucky and Appalachian writers, as well as literature about those places will be the focus of this course. Through study of this regional literature, students will learn about the history of Appalachian migration and settlement; the influence of coal mining and other industry on local people; oral traditions, folklore, and folk arts; music and dance culture; food, spirituality, and domestic living. Students will also discuss Kentucky and Appalachian stereotypes and conflicts of identity.

**ENG 298 ENGLISH INTERNSHIP** (variable credit)  
An on- or off-campus experience, often in a business, usually in a position requiring the use of written communications or research skills.

**ENG 300 INDEPENDENT STUDY** (3)  
Independent study courses are student-initiated and based on interest and ability with direct supervision of an English Department faculty member. Topics may include writing, creative writing, linguistics, or literature.

**ENG 304 EFFECTIVE BUSINESS WRITING** (3)  
Prerequisite: BUA 301. A course to improve writing skills in business situations, emphasizing the application of business principles in a diverse workplace. *Cross-listed as BUA 305. This course does NOT fulfill the English core requirement.*

**ENG 305 PLAYWRITING I** (3)  
Students will study dramatic structure and pay special attention to the one-act play form. Students will write a playlet with a view toward production in Playwright's Lab. As a final project the student is expected to write a more fully developed one-act play, either an original or an adaptation from another literary form. *This course can be used to fulfill the upper level English core requirement or the fine arts requirement. Cross-listed with THR 305.*

**ENG 320 RHETORICAL GRAMMAR** (3)  
Prerequisite: ENG 150. An advanced writing course to help students develop stylistic maturity in their own writing by examining grammatical structures and making intentional rhetorical choices. Topics include subordination, coordination, clauses and phrases, sentence structure, cohesion, rhythm, and mechanics. This course will be helpful for all majors.

- ENG 321 ADVANCED COMPOSITION (3)**  
 An advanced writing course designed to help students further their skills in expository and argumentative writing. In this course students will hone invention process and revision skills. This course is recommended for pre-med, pre-law, business majors, or any students who wish to strengthen and polish their writing skills.
- ENG 322CW CREATIVE WRITING: POETRY (3)**  
 An introduction to the process of creative writing, concerned primarily with the craft of writing poetry, in a workshop fashion with in-class writing, critiques, discussion, and selected creative writing exercises. The course may be repeated for credit, with permission of the instructor. *This course fulfills either a fine arts or upper level literature and writing requirement for the core.*
- ENG 323CW CREATIVE WRITING: FICTION (3)**  
 An introduction to the process of creative writing, concerned primarily with the craft of writing fiction, in a workshop fashion with in-class writing, critiques, discussion, and selected creative writing exercises. The course may be repeated for credit, with permission of the instructor. *This course fulfills either a fine arts or upper level literature and writing requirement for the core.*
- ENG 331 SHAKESPEARE (3)**  
 Students will study Shakespeare's work, including tragedies, comedies, histories, narrative poems, and sonnets. Elizabethan English and some history of Shakespeare's life and times will also be covered.
- ENG 343 AMERICAN LITERATURE TO 1865 (3)**  
 An upper level period course that provides an intense study of American literature from the Colonial era to the Civil War, with a special focus on the inter-relatedness of social issues in early American history, society, and their thematic echoes and explorations in American literature. The course will examine major literary movements and trends of the 18<sup>th</sup> and 19<sup>th</sup> centuries, and writers such as Bradstreet, Paine, Franklin, Jefferson, Cooper, Hawthorne, Melville, Poe, Emerson, Thoreau, Whitman, Stowe, Lincoln, and others, with a special focus on the roots of African-American literature, including slave narratives, escape tales, folklore, and protest writings.
- ENG 344 AMERICAN LITERATURE 1865 TO 1950 (3)**  
 An upper level period course that provides an intense study of American literature from the Civil War to 1950, including a focus on major literary movements of the 19<sup>th</sup> and 20<sup>th</sup> century including Realism, Naturalism, and Modernism. Writers studied may include: Dickinson, Twain, Norris, Chopin, Bierce, Crane, James, Wharton, Fitzgerald, Hemingway, Faulkner, Steinbeck, O'Neil, Dos Passos, Frost, Stevens, Wright, Hurston, O'Connor, Welty, Williams, West, and others.
- ENG 345 CONTEMPORARY AMERICAN LITERATURE (3)**  
 An advanced period course that provides an overview of major American authors since WWII, with a focus on how they respond in their art to significant issues facing contemporary American society. The course will develop an understanding of contemporary literary trends, such as the "Beat" writers of the 1950's, and Post-Modern literary experiments such as meta-fiction, the "new journalism," and "magical realism," as well as the continuing traditions of realism and naturalism.
- ENG 346 AMERICAN NOVEL (3)**  
 A general survey of representative American novels from 19<sup>th</sup> century to the present. Works will be chosen from major writers such as Cooper, Hawthorne, Melville, Crane, Twain, Chopin, James, Norris, Cather, Wharton, Lewis, Hurston, Dreiser, Faulkner, Hemingway, Fitzgerald, Steinbeck, Heller, Ellison, Baldwin, Porter, Bellow, Welty, Gordon, Vonnegut, Updike, DeLillo, Walker, Morrison, Momaday, Silko, Kingston, Smiley, and others.
- ENG 347 ENGLISH NOVEL (3)**  
 A survey of the English novel and its development as a new genre (beginning mid-Eighteenth century). It will include representative novels from over two centuries up to the present, selected from writers such as Sterne, Defoe, Fielding, Smollett, Austen, Bronte, Dickens, Eliot, Hardy, Conrad, Woolf, Lawrence, Cary, Naipal, Forester, Waugh, Murdoch, Burgess, and Fowles.
- ENG 355 SPECIAL TOPICS (3)**  
 Special topics courses are offered periodically for topics not included in the established curriculum.

**ENG 362CW CREATIVE WRITING: NONFICTION (3)**

In a workshop atmosphere, students will fine-tune revising and editing skills for their original creative nonfiction manuscripts. This course will also introduce students to a variety of creative nonfiction styles and formats. The course is very writing-intensive, and includes original manuscripts, critiques, reviews, creative exercises, and readings in creative nonfiction. As a final project, students will create a collection of their creative nonfiction manuscripts. The course may be repeated for credit, with permission of the instructor. *This course fulfills either a fine art or upper level literature and writing requirement for the core.*

**ENG 371/372 DEVELOPMENT OF DRAMA I, II (3, 3)**

An intensive study of the development of the drama from Aeschylus to Ibsen. Part I will cover drama from Greek times through the Renaissance exclusive of Shakespeare. Part II will cover drama from the seventeenth century to Ibsen. *Development of Drama I is required of English-Secondary Education majors.*

**ENG 376 MODERN DRAMA (3)**

A course designed to acquaint the student with the directions being taken by important contemporary dramatists. The course deals with Twentieth Century Realism and Expressionism through the more recent developments in Existentialist and Absurdist drama.

**ENG 378 ENVIRONMENTAL LITERATURE (3)**

Recommended pre-requisite: ENG 150. Students will explore the changing face of nature through diverse genres in creative and academic writing. Students will examine interpretations of people existing within nature, analyzing themes of conquest, victimization, biodiversity, inspiration, social justice, adventure and enlightenment presented by authors. Literary and rhetorical concepts emphasized, along with a general appreciation for the natural environment. The curriculum will include some experiences with field study, artistic creation and ecocriticism. Authors include, but are not limited to, Leopold, Muir, Carson, Emerson, Thoreau, Louv, Schlosser, Williams, Kingsolver, Bartram, Dillard.

**ENG 381 ENGLISH LITERATURE THROUGH THE ELIZABETHAN AGE (3)**

An investigation of the development of literature that began with the Anglo-Saxon oral tradition. Students begin by reading major works of Old English Verse such as *Caedmon's Hymn* and *Beowulf* and read through the onset of Middle English Literature, the language of Chaucer's *Canterbury Tales*. The survey closes with a study of Elizabethan Literature devoting special attention to Shakespearean drama.

**ENG 382 SEVENTEENTH AND EIGHTEENTH CENTURY ENGLISH LITERATURE (3)**

A continuation of the investigation of the development of literature by focusing on the major works written from the accession of King James in 1603 through the Neoclassical Period. Major works may include Milton's *Paradise Lost*, Aphra Behn's *Oroonoko*, Congreve's *The Way of the World*, Swift's *Gulliver's Travels*, and Wordsworth's and Coleridge's *Lyrical Ballads*. *Required of English majors*

**ENG 383 ENGLISH ROMANTICISM (3)**

Students will study selected works of major British writers of the Romantic era of the late 18<sup>th</sup> and early 19<sup>th</sup> centuries in order to more fully comprehend "Romanticism" and appreciate the manner in which authors confronted the problems they felt central in life and in art. *This course is recommended for Sigma Tau Delta members, as a course in which a conference paper could be developed. It is an elective for non-majors and English majors and is especially valuable for those considering graduate school and the Graduate Record Exam (GRE).*

**ENG 384 VICTORIAN LITERATURE (3)**

Students will complete an intensive study of Late Romantic and Victorian writing. This course begins with the Romantic Novel, continues with major works of the great Victorian novelists and poets, and concludes with the more revolutionary writing of the fin-de-siecle. *Required of English majors.*

**ENG 385 TWENTIETH CENTURY ENGLISH LITERATURE (3)**

Literature of modernity and postmodernity is studied. E. M. Forester, Virginia Woolf, James Joyce, and T. S. Eliot usher in the period of modernity that lasted through WWII. Other writers such as Derek Walcott, Ted Hughes, Chinua Achebe, Tom Stoppard and Seamus Heaney respond to the social and political displacement in the post-war years through the dissolution of the Empire. *Required of English majors.*

**ENG 386 CONTEMPORARY BRITISH LITERATURE (3)**

This course offers students a study of the most recent generation of writers in the British literature tradition and thereby completes the comprehensive range of surveys in English Literature. The curriculum is designed for students interested in literature written by contemporary authors-authors who, in relation to canonical

literature, are either recently established or emerging. While several of these writers are indeed indigenous to England, others write from and about regions formerly recognized as territories of the British Commonwealth: Australia, the Caribbean, India, Pakistan, South Africa, and West Africa. Decolonized only within the last several decades, each of these regions has become the site for the development of complex literary traditions.

**ENG 400 INDEPENDENT STUDY (3)**

Independent study credit is offered when students wish to explore a specific issue of English literature or writing that falls outside the parameters of the established departmental curriculum. Independent studies are subject to departmental approval and entail direct supervision of a departmental faculty member.

**ENG 401 DIRECTING I (3)**

Prerequisite: THR 105, 205, 207. An introduction to the craft of directing, with particular emphasis on script analysis. Students will develop a methodology for reading and interpreting scripts, and explore the means of realizing a play's interpretation on stage by examining staged works. *Cross-listed as THR 401.*

**ENG 405 ENGLISH SENIOR SEMINAR (3)**

Course Requirement: English and English-Secondary Education students. A seminar focusing on the knowledge and application of literary research and theory. It includes the study of several challenging works chosen from writers such as Milton, Joyce, James, Eliot and others. *Required of English majors.*

**ENG 424CW ADVANCED CREATIVE WRITING (3)**

Prerequisite: ENG 322, 323. The curriculum is designed for students who have already produced a substantial amount of creative work, and who are interested in learning about the publication process. Other students with significant experience in creative writing may add the course with the instructor's permission. This course fulfills a writing workshop requirement for upper level English majors in the creative writing track. The course may be repeated for credit, with permission of the instructor. *This course fulfills either a fine arts or upper level literature and writing requirement for the core. Required in the Creative Writing concentration.*

**ENG 429 POETRY (3)**

Poetic expression: a study of versification, evolution of traditional verse forms, free verse, and the new poetry; figurative language; emphasis on poets' novel use of language and formal patterning. The course includes the study of influential poets from various periods.

**ENG 434 HISTORY AND LITERATURE OF IRELAND, 1798-1926 (3)**

A study of the interlocking roles played by history and literature in the rise of Irish nationalism from 1798 to 1926. *Cross-listed as HIS 434.*

**ENG 449 THE SOUTHERN RENAISSANCE (3)**

An overview beginning with the ante- and post-bellum cultural and philosophical roots of 1930's literary Renaissance in the American South, continuing through to contemporary southern writers. Readings selected from authors such as Faulkner, Tate, Wolfe, Welty, Warren, Wright, Williams, Hurston, Ellison, O'Connor, Capote, Porter, Gaines, Dickey, Walker, Styron, Percy, Barth, Gilchrist, Price, and others.

**ENG 455 ADVANCED SPECIAL TOPICS (3)**

An intense, focused study of a topic of special interest to the faculty, usually requiring extensive reading and research.

**ENG 455CW ADVANCED SPECIAL TOPICS: CREATIVE WRITING (3)**

An intense, focused study of a topic of special interest to the faculty.

**ENG 475 SHAKESPEARE'S COMIC IMAGINATION (3)**

An intense immersion into Shakespeare's major romantic and "problem" comedies. The course focuses on how Shakespeare bends the classic conventions of the genre of Comedy to his own ends to create a new dramatic form distinctly "Shakespearean." This is an advanced course for the English major and requires a significant amount of reading. It can be taken as an elective by any student. Taught in a seminar-like atmosphere, students will be expected to produce a research project incorporating scholarly criticism.

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## ENVIRONMENTAL SCIENCE

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Environmental Science courses, designated as ENV, do not fulfill a core requirement for science unless cross-listed with a BIO, CHE, or PHY course. In those cases, it will fulfill the core requirement in the respective cross-listed department.

**ENV 214 ENVIRONMENTAL SCIENCE (4)**

**ENV 214L ENVIRONMENTAL SCIENCE LABORATORY**

Course requirement: Environmental Science majors. The core course for environmental science majors, which provides an interdisciplinary approach to the study of human impacts on local, regional, national, and global environments. Both the lecture and laboratory work stress solutions to environmental problems. Laboratory techniques and survey of literature basic to further study in environmental science are emphasized.

**ENV 215 CURRENT TOPICS AND METHODS IN ENVIRONMENTAL SCIENCE (3)**

Prerequisite: BIO 101, 102. Designed to review the broad range of topics that fall under the field of environmental science. Further, the course covers basic experimental design and sampling methods in the field of environmental science. It complements ENV 214 and combines ideas from the natural sciences (biology, chemistry, and geology) and the social sciences (economics, politics, and ethics) to obtain a general notion of how natural systems function and what our role in these systems should be.

**ENV 255 SPECIAL TOPICS (3)**

Special topics courses are offered periodically for topics not included in the established curriculum.

**ENV 316 ENVIRONMENTAL GEOSCIENCES (3)**

Prerequisite: BIO 101, 102; ENV 214. A study of the natural processes that have shaped the Earth, including those that occur in the Earth, on its surface, and within the atmosphere and oceans. The study of how humans interact with these processes; i.e. the impact of human activities on the environment and the environment's impact on human activities. The study of how human activities modify the natural environment, including pollution, global warming, water resources, soils, and mineral resources. The study of geologic time as it relates to human time scales vs. the rates of geologic processes and how these different time frames affect our perception of human influence on the earth.

**ENV 400 INDEPENDENT STUDY AND RESEARCH (1-4)**

Students can earn credit in an independent study supervised by a departmental faculty member. This course is recommended for juniors and seniors.

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## FORENSIC SCIENCE

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Forensic Science courses, designated as FOR, do not fulfill a core requirement for science.

**FOR 201 FORENSIC SCIENCE SURVEY (3)**

Prerequisite: CHE 113/113L, BIO 101/101L, BIO 102/102L. A survey course covering crime scene investigation and analysis of evidence. Some of the types of evidence examined will include DNA analysis, drug identification and analysis, hair/fiber identification and analysis, fingerprints, biological fluids and serology, and firearms.

**FOR 202 FORENSIC EVIDENCE AND LEGAL ISSUES (3)**

Prerequisite: CHE 113 and BIO 102. Topics include ethical issues relating to the expert witness, qualifications of scientific experts, and elements of courtroom testimony for the expert witness. Videotaping of testifying in mock courtroom situations will also be included.

**FOR 255 SPECIAL TOPICS (3)**

Special topics courses are offered periodically for topics not included in the established curriculum.

**FOR 301 FORENSIC SCIENCE LABORATORY TECHNIQUES (3)**

Prerequisite: CHE 240/240L, FOR 201. An introduction to the application of scientific methods for the examination of physical evidence in the criminal justice system, as well as an overview of the forensic analysis of firearms, fingerprints, drugs, blood, hair, fibers, paint, glass, and arson debris.

**FOR 401, 402 FORENSIC SCIENCE INTERNSHIP (3)**  
Course Requirement: Senior status in program. Students will complete an internship at a crime laboratory.

**FOR 411 PHYSICAL METHODS IN FORENSIC SCIENCE (3)**  
Course Requirement: Senior status in program. Students will apply chemical instrumentation to separate, identify, and compare drugs, paint, glass, fiber, and other materials associated with crime scenes.

**FOR 412 MICROSCOPY (3)**  
Course Requirement: Senior status in program. An introduction to microscopic analysis, including identification and characterization of materials such as glass, hair, fibers, paint, and soil.

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## FRENCH

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**FRE 101/102 FRENCH LEVEL I (3, 3)**  
No Prerequisites. Basic French courses, emphasizing all four language skills (listening, speaking, reading, writing) fully integrated with a multicultural Francophone perspective. *FRE 101 is intended for students who have never studied French before. FRE 102 is intended for those who have had less than two years of previous French language instruction in high school.*

**FRE 201/202 FRENCH LEVEL II (3, 3)**  
Prerequisite: FRE 102 or equivalent. Students will continue the development of French language skills and vocabulary, integrated with short stories and contemporary readings which emphasize Francophone culture. There will be an increased attention to self-expression. *FRE 201 is intended for students who have had two or three years of high school instruction in French.*

**FRE 252 ADVANCED CONVERSATION AND COMPOSITION (3)**  
Prerequisite: FRE 202 or equivalent. A course focusing on speaking and writing French through reading articles from print and electronic media, CD-ROM programs, the Internet, and French language chat groups. The course will include personal and business letter writing.

**FRE 255 SPECIAL TOPICS (3)**  
Courses of a practical nature will be available to allow for special interest development.

**FRE 301 SURVEY OF FRENCH CIVILIZATION (3)**  
Prerequisite: FRE 202 or equivalent. A historical study of the many ways in which France has contributed to world culture through architecture, painting, sculpture, music, literature, folklore, science, philosophy, and education.

**FRE 302 SURVEY OF FRENCH AND FRANCOPHONE CIVILIZATION II (3)**  
Prerequisite: FRE 202 or equivalent. An examination of selected sociological, political, cultural, and economic issues of contemporary France and Francophone areas.

**FRE 305 FRENCH FILM (3)**  
Prerequisite: FRE 202 or equivalent. A study of French film, integrated with culture, language, and literature. Students will study a variety of cinematic works, with an emphasis on multiculturalism and marginalization.

**FRE 352 FRENCH BUSINESS AND TECHNOLOGY (3)**  
Prerequisite: FRE 202 or equivalent. Students will study the economic aspects of France and Francophone countries, key French institutions and companies, business culture, and terminology. Students will have the opportunity to take the exam leading to the Certificat Pratique de Français des Affaires, an international Business French diploma granted by the Paris Chamber of Commerce and Industry.

**FRE 355 SURVEY OF FRENCH AND FRANCOPHONE LITERATURE (3)**  
Prerequisite: FRE 202 or equivalent. A survey of the important literature written in French throughout the ages and across cultures. Students learn the terminology of literary criticism.

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## GENERAL COLLEGE COURSES

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*No GEC course can be used to fulfill college core requirements, unless otherwise stated.*

**GEC 093/094 BEGINNING ALGEBRA A, B****(0, 0)**

A two-course sequence equivalent to the single course GEC 096. All of the algebraic topics of GEC 096 are covered, but at a slower pace. *GEC 093 is a prerequisite for GEC 094. These courses use the remedial grading system and do not count toward the 128 hours needed for graduation or satisfy any core requirement.*

**GEC 096 BEGINNING ALGEBRA****(0)**

A carefully guided approach to basic mathematics, primarily algebra, with emphasis on understanding the skills rather than abstraction and formalism. Topics include, but are not limited to: arithmetic review, integers, exponents, linear and quadratic equations, inequalities, factoring, graphing, algebraic fractions, and word problems. *This course uses the remedial grading system and does not count toward the 128 hours needed for graduation or satisfy any core requirement.*

**GEC 101 COLLEGE SURVIVAL SKILLS****(1)**

Students will gain an extended orientation to the personnel, services, and facilities of Thomas More College. This course aids students in meeting the challenges of making the transition from high school to college.

**GEC 102 STUDY SKILLS****(3)**

A course to help students develop good reading, study, and examination skills while the student is also taking the HIS 101, World Civilizations: Global Perspectives I course. This course is required for ACHIEVE program students. For others, permission of the Student Support Services Director is required before enrolling in this course.

**GEC 165 COLLEGE READING****(1-3)**

A review of reading techniques stressing speed, comprehension, critical reading, and vocabulary skills. The student also learns to apply the acquired reading flexibility to assignments in other classes.

**GEC 206 SERVICE LEARNING****(1-3)**

This course may be taken with another course that offers service learning. Students can earn one to three credit hours based on hours of service and amount of written work. Students must complete a minimum of 15 contact hours throughout the semester per credit hour. Contact hours can include field work, faculty and student meetings, and extensive group or independent work. Service placements will be arranged to enhance objectives in other courses. For more information see the Service Learning option under Academic options.

**GEC 255 SPECIAL TOPICS****(3)**

Special topics courses are offered periodically for topics not included in the established curriculum.

**GEC 270 CAREER EXPLORATION****(1)**

A course designed to engage the student in individual career planning activities including self-assessment and occupational and academic major exploration. No matter where students are in their own career development, this course can help them develop and implement their own career action plan.

**GEC 276 EMPLOYMENT AND PROFESSIONAL SKILLS****(1)**

A course designed to help individuals understand the process involved in effective career planning and the skills necessary for obtaining and maintaining employment. Exercises will concern skills identification, résumés, cover letter writing, and interviewing techniques.

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**GEOGRAPHY**


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Although Thomas More College has no Department of Geography, it offers the following service course under the auspices of the History Department.

**GEO 201 INTRODUCTORY GEOGRAPHY****(3)**

A survey course examining world geography and some of the problems generated by the diversity of the human condition, with stress upon critical areas in current events. This course is especially designed for Education and International Studies majors.

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**GERMAN**


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**GER 101/102 GERMAN LEVEL I****(3, 3)**

Introductory courses to provide students with the fundamentals of grammar, pronunciation, reading, and conversation. The course is based on an individualized approach. *GER 101 is intended for students who have never studied German before; GER 102 is for those students who have studied German for less than two years.*

**GER 201/202 GERMAN LEVEL II** (3, 3)  
Students will continue to develop German language skills and vocabulary in this course. The course includes readings and focuses on self-expression. *The German Level II sequence is normally for students who have had two to three years of high school instruction in German.*

**GER 255 SPECIAL TOPICS** (3)  
Special topics courses are offered periodically for topics not included in the established curriculum.

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#### HEALTH CARE MANAGEMENT

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The following courses are offered under the auspices of the Business Department.

**HCM 330 MANAGERIAL EPIDEMIOLOGY** (3)  
In the context of epidemiology as a tool for analyzing health problems in a managerial setting, students will learn the theoretical basis and underlying key aspects of the analysis and interpretation of epidemiologic studies. Measures of disease frequency and statistical significance relative to variables affecting disease trends will be examined.

**HCM 370 PRINCIPLES OF HEALTHCARE SERVICES** (3)  
Prerequisite: BUA 302, 311, 321. Exploration of the infrastructure of the healthcare services delivery system in the United States and the effects of legislation and policymaking on communities and stakeholders. *Cross-listed as BUA 370.*

**HCM 410 HEALTH CARE INDICATORS AND QUALITY** (3)  
The critical principles underlying quality management and outcomes assessment will be examined. Qualitative and quantitative continuous quality improvement tools, essential for outcomes improvement in health care organizations, will be provided.

**HCM 420 HEALTH INFORMATICS** (3)  
The history and current status of information systems in health care organizations will be provided in this course. Areas of focus include information architecture, administrative and clinical applications, strategic planning, security, and benefits realization.

**HCM 480 HEALTH CARE POLICY AND ISSUES** (3)  
The historical development of the U.S. health care system establishes the foundation for analysis of current and future policy as well as implementation at the local, state, and federal levels.

**HCM 498 SENIOR SEMINAR** (3)  
Strategic management, health care and business policy concepts are used to integrate the health care and business core courses. Case analysis, professional literature review, and a major presentation are required.

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#### HISTORY

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**HIS 101/102 WORLD CIVILIZATIONS I & II** (3, 3)  
A two-semester multi-cultural survey investigating the major civilizations of the world from ancient to modern times, divided at 1500. These courses are designed to serve as the integrating elements of the core curriculum.

**HIS 114/115 UNITED STATES HISTORY I, II** (3, 3)  
A two-semester introductory survey of United States history, divided at 1877.

**HIS 201 ANCIENT WESTERN CIVILIZATION** (3)  
Ancient civilization covers the Near East, Greece and Rome from earliest times to the beginning of the Christian era.

**HIS 202 MEDIEVAL EUROPE** (3)  
Medieval civilization covers Europe and the Near East from the early Christian era to the Renaissance.

**HIS 203/204 MODERN EUROPE I, II** (3, 3)  
A two-semester survey of European history beginning with the Renaissance and divided at 1815.

- HIS 208 AFRICAN-AMERICAN HISTORY (3)**  
A study of the problems and achievements of African-Americans from the colonial period to the present.
- HIS 215 HISTORY OF NURSING (3)**  
A survey of the practices and conditions from which contemporary nursing has evolved.
- HIS 255 SPECIAL TOPICS (3)**  
Special topics courses are offered periodically for topics not included in the established curriculum.
- HIS 301 COLONIAL AND REVOLUTIONARY AMERICA (3)**  
A survey of the Indian and Colonial background of the United States, followed by an examination of the American Revolution and Confederation to 1789.
- HIS 302 EARLY REPUBLIC AND CIVIL WAR ERAS IN THE UNITED STATES (3)**  
An investigation of the republican government, westward expansion, cultural change, and sectional conflict, 1789-1877.
- HIS 303 THE RISE OF THE UNITED STATES, 1877-1945 (3)**  
A course covering the industrialization, political centralization, shift to interventionism, and cultural changes that led the United States to world power.
- HIS 326 THE RENAISSANCE AND THE REFORMATION (3)**  
A survey of the cultural and religious developments of the fourteenth, fifteenth, and sixteenth centuries.
- HIS 327 THE ENLIGHTENMENT (3)**  
Prerequisite: HIS 102, 203. This class will examine the social, political, and intellectual developments in Europe and America from the late 17<sup>th</sup> century to the beginning of the French Revolution. In tracing the path to modernity, careful attention will be given to the British, French, and American enlightenment movements. Aspects of the *Ancien Regime* will be discussed in order to better grasp the spirit of criticism that emerged from the educated elite, or what Jefferson called, the “natural aristocracy.” Close examination will be given to political theories, which provides the context for the American Revolution, together with the contributions of figures such as Locke, Newton, Voltaire, Montesquieu, Rousseau, Jefferson, Adams, and others.
- HIS 328 THE FRENCH REVOLUTION AND NAPOLEON (3)**  
An exploration of the origins, developments and effects of the French Revolution from the Age of Louis XIV to the end of the Napoleonic Era.
- HIS 329 GERMANY AND THE EUROPEAN UNION: A HISTORICAL AND CULTURAL APPROACH (3)**  
Prerequisite: HIS 102. An examination of 20<sup>th</sup> century German History with emphasis on post-1945 developments. The study unfolds against the backdrop of the formation and contemporary developments within the European Union. Topics include contemporary German politics and culture; together with Germany’s broader role in the E.U. *Cross-listed as POS 329.*
- HIS 336 CONTEMPORARY DEVELOPING WORLD (3)**  
The developing and emerging world has been an area of great academic focus since the 1960s. In today’s world, over one-third of the people on earth live in poverty. For a variety of reasons, they have inadequate diets, health care, and shelter. Since the publication of the Millennium Goals by the United Nations in 2000, much great attention has been paid to reducing poverty, along with improving education, health and nutrition, and life expectancy. This course will examine the all-to-common problems faced by developing countries, and the attempt by these nations, as well as the global community, to enhance their quality of life. Each student will write a research paper on a particular developing country which they will share with the class. *Cross-listed as POS 336.*
- HIS 340 HAPSBURG MONARCHY & EASTERN EUROPE SINCE 1618 (3)**  
An introduction to Hapsburg Austria and Eastern Europe from 1618 to the present.
- HIS 349 WORLD ECONOMIC HISTORY (3)**  
A global survey of the evolution of economic systems from World War I to the present. *Cross-listed as ECO 349.*

- HIS 355 TOPICS IN UNITED STATES HISTORY (3)**  
Special topics courses are offered periodically for topics in United States history not included in the established curriculum.
- HIS 393/394 HISTORIOGRAPHY I, II (3, 3)**  
Prerequisite: HIS 101, 102, 114, 115, a speech course, and minimum 2.0 GPA in History courses. A two semester seminar examining the discipline's development and historical issues. These courses emphasize research, writing and speaking skills.
- HIS 400 INDEPENDENT STUDY (1-3)**  
Students may complete a departmentally approved independent study in a selected area of history under the supervision of a member of the history faculty.
- HIS 425 AMERICAN CONSTITUTIONAL HISTORY (3)**  
A study of the United States Constitution from its antecedents to the present with an emphasis on major Supreme Court cases. *Cross-listed as POS 425.*
- HIS 431 ENGLAND TO 1689 (3)**  
The development of English civilization and its impact on Western culture to 1689 are studied.
- HIS 432 TUDOR AND STUART ENGLAND (3)**  
A history of England from the Battle of Bosworth Field to the accession of George I.
- HIS 433 MODERN BRITAIN (3)**  
An investigation of the political, constitutional, and cultural highlights of the History of England from 1689 to the present.
- HIS 434 HISTORY AND LITERATURE OF IRELAND, 1798-1926 (3)**  
A study of the interlocking roles played by history and literature in the rise of Irish nationalism from 1798 to 1926. *Cross-listed as ENG 434.*
- HIS 435 HISTORY OF LATIN AMERICA (3)**  
A survey course covering the historic, political, cultural, social and economic trends of Latin America. *Cross-listed as POS 435.*
- HIS 440 RISE AND FALL OF 20<sup>th</sup> CENTURY FASCISM (3)**  
This course will trace the rise of 20<sup>th</sup> century fascism, primarily in Europe, with special emphasis on Italian and German fascism. It will examine how this movement served to ignite World War II, leading to millions of deaths, both on and away from the battle field. The course will also look at Fascist and Neo-Fascist movements in the contemporary world, particularly those which have emerged in several European countries since the end of the Cold War. *Cross-listed as POS 440.*
- HIS 442 RECENT RUSSIA (3)**  
The major aspects of political and social development in recent Russia are examined. *Cross-listed as POS 442.*
- HIS 452 MODERN CHINA (3)**  
A survey of the political and cultural History of China since 1800. *Cross-listed as POS 452.*
- HIS 455 EUROPEAN STUDIES (1-3)**  
An investigation of a specific period, theme, or problem in the development of European civilization.
- HIS 461 TRADITIONAL EAST ASIA (3)**  
The objective of this course is to study the history, government and culture of China, Japan and Korea from prehistoric times to 1800.
- HIS 462 MODERN EAST ASIA (3)**  
A study of the government and culture of China, Japan, and Korea from 1800 to the present.
- HIS 465 ASIAN STUDIES (3)**  
A focus upon a specific period, theme or problem in the development of Asian civilization. *Cross-listed as POS 465.*

**HIS 475 HISTORICAL TOPICS (1-3)**  
A special topics course on a historical subject related to an issue, event, or trend of significance.

**HIS 497 HISTORY SENIOR SEMINAR (3)**  
Prerequisite: HIS 101, 102, 114, 115; a speech course, and minimum 2.0 GPA in History courses. A senior integrating seminar focusing on historical issues of significance. This course emphasizes research, writing and speaking skills.

**HIS 498 INTERNSHIP IN LOCAL HISTORY (variable credit)**  
Students may intern at a local historical society, museum, or archive.

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### HONORS PROGRAM

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**HON 201 HONORS SEMINAR (3)**  
Course Requirement: St. Thomas More Honors Scholars. Seminars conducted by faculty from all academic divisions of the College and the topics differ each semester. *Required of St. Thomas More Scholars.*

**HON 202 HONORS LEADERSHIP SEMINAR (1-3)**  
The focus of this course will be on the nature of leadership and its importance as a concept and field of study. The course will be repeatable and will always include a component on Dr. Stephen Covey's approach to "principle-centered leadership" and the basics on other approaches to leadership. *This course is required for Honors Program participation.*

**HON 255 SPECIAL TOPICS (1-3)**  
Special topics courses are offered periodically for topics not included in the established curriculum.

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### INTERNATIONAL STUDIES

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Thomas More College students have the opportunity to study abroad through CCSA (Cooperative Center for Study Abroad) courses offered in various countries, including those listed below among others, service learning trips offered at Thomas More, currently to Jamaica and Mexico, the three sister schools Thomas More College has relationships with, or by completing an internship abroad. Full and part-time students in good academic standing can participate in these programs. Please see the Director of Study Abroad for more information.

**INT 300 STUDY ABROAD: (3-15)**  
**MARY IMMACULATE COLLEGE, IRELAND**

**INT 301 STUDY ABROAD: (3-15)**  
**KATHOLISCHE UNIVERSITÄT EICHSTÄETT, GERMANY**

**INT 302 STUDY ABROAD: (3-15)**  
**UNIVERSIDAD DEL SAGRADO CORAZÓN, PUERTO RICO**

**INT 303 STUDY ABROAD: (3-15)**  
**UNIVERSITE d'ANGERS, FRANCE**

**INT 305 STUDY ABROAD: (3-15)**  
**CATHOLIC UNIVERSITY OF ST. TERESA OF AVILA, SPAIN**

**INT 310 STUDY ABROAD: CCSA LONDON (3-6)**

**INT 312 STUDY ABROAD: CCSA LONDON/DUBLIN (3)**

**INT 320 STUDY ABROAD: CCSA SCOTLAND/ENGLAND (3)**

**INT 330 STUDY ABROAD: CCSA IRELAND (3)**

**INT 340 STUDY ABROAD: CCSA AUSTRALIA (3)**

<b>INT 341</b>	<b>STUDY ABROAD: CCSA BELIZE</b>	<b>(3)</b>
<b>INT 360</b>	<b>INTERNSHIP IN INTERNATIONAL STUDIES</b>	<b>(3)</b>
	A non-paid learning opportunity at an international organization or business.	
<b>INT 361</b>	<b>STUDY ABROAD: CCSA INTERNSHIP</b>	<b>(3)</b>
<b>INT 393</b>	<b>STUDY ABROAD: CCSA INDIA</b>	<b>(3)</b>
<b>INT 400</b>	<b>SENIOR SEMINAR IN INTERNATIONAL STUDIES: THE CONTEMPORARY WORLD</b>	<b>(3)</b>
	A seminar focusing on the historical, political, social, economic, and cultural trends in the world since 1945. The course emphasizes research, writing, and speaking skills.	

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**JAPANESE**

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<b>JPN 101/102</b>	<b>JAPANESE LEVEL I</b>	<b>(3, 3)</b>
	An introduction to the Japanese language, including grammar, reading, writing, listening, and speaking. Students will learn to read and write both hiragana and katakana characters, and will be introduced to kanji characters.	
<b>JPN 201/202</b>	<b>JAPANESE LEVEL II</b>	<b>(3, 3)</b>
	Prerequisite: JPN 102. An intermediate level course in Japanese. Review of grammar, reading, writing, listening, and speaking. The course expands the language skills acquired in JPN 101 / 102 including further exposure to kanji characters.	
<b>JPN 301/302</b>	<b>JAPANESE LEVEL III</b>	<b>(3, 3)</b>
	Prerequisite: JPN 202. An advanced level course building upon JPN 202 with more emphasis on reading and writing in Japanese characters and continued practice in speaking.	

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**LATIN**

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<b>LAT 101/102</b>	<b>LATIN LEVEL I</b>	<b>(3, 3)</b>
	An introductory course concentrating on the acquisition of a basic vocabulary as well as an awareness of the elementary grammar and syntax needed for use of the language in basic research contexts.	
<b>LAT 201/202</b>	<b>LATIN LEVEL II</b>	<b>(3, 3)</b>
	Prerequisite: LAT 102. An intermediate level course presupposing that the student has acquired the basic elements of the language and is prepared to work more intensively with actual texts. The texts used here will be chosen from writers of the Christian era to acquaint the student with the linguistic usages of Christian authors.	
<b>LAT 255</b>	<b>SPECIAL TOPICS</b>	<b>(3)</b>
	Special topics courses are offered periodically for topics not included in the established curriculum.	

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**MATHEMATICS**

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**Core Curriculum Requirement**

Any course numbered MAT 121 or higher may be used to fulfill the requirement of 3 hours of college level mathematics. Either MAT 123 or 205 is recommended for any student whose major does not otherwise specify a particular course.

**All MAT courses have a minimum prerequisite of an ACT Math score of 18, SAT Math score of 430, passing score on the online KYOTE test, or satisfactory completion of either GEC 096 or GEC 093/094.** Students can attempt the math placement test twice; after two attempts the algebra sequence is required. See each course listing for information about additional prerequisites.

**GEC 093/094 BEGINNING ALGEBRA A, B** (0, 0)  
This two-course sequence is equivalent to the single course GEC 096. All of the algebraic topics of GEC 096 are covered, but at a slower pace. *GEC 093 is a prerequisite for GEC 094. These courses use the remedial grading system and do not count toward the 128 hours needed for graduation or satisfy any core requirement.*

**GEC 096 BEGINNING ALGEBRA** (0)  
A carefully guided approach to basic mathematics, primarily algebra, with emphasis on understanding and skills rather than abstraction and formalism. Topics include, but are not limited to: arithmetic review, integers, exponents, linear and quadratic equations, inequalities, factoring, graphing, algebraic fractions, and word problems. *This course uses the remedial grading system and does not count toward the 128 hours needed for graduation or satisfy any core requirement.*

**MAT 115 PRECALCULUS** (3)  
An introductory course covering the topics from algebra and trigonometry needed for the study of calculus. This course does not satisfy the core requirement in college level mathematics.

**MAT 121/122 CONCEPTS OF MATHEMATICS FOR ELEMENTARY TEACHERS I, II** (3, 3)  
Prerequisite: MAT 121 is a prerequisite for MAT 122. Course Requirement: Elementary and Middle School Education majors. A course covering logical reasoning, sets and relations, structure of number systems, systems of numeration, problem solving and topics from theory of numbers.

**MAT 123 GAME THEORY** (3)  
Course in game theory with a primary focus on applications to business, sociology, philosophy and scientific issues. Most games will be two person, but both Zero-Sum and Non-Zero-Sum games will be considered. Topics in N-person games will be addressed as time permits. It will reinforce writing skills, mathematical reasoning and critical thinking through in-class testing, homework and possible special projects. Review topics in Algebra will be address as needed.

**MAT 125 INFORMAL GEOMETRY** (3)  
A course emphasizing the discovery approach to mathematics and is designed for both liberal arts students and education majors. Topics may include: tessellations, topology, isometrics, polyhedra, the fourth dimension, and number patterns in geometry.

**MAT 143 ELEMENTS OF CALCULUS** (4)  
An introductory course on differential and integral calculus that incorporates necessary precalculus topics as they arise. *This course may not be taken if credit has been received for MAT 151.*

**MAT 151 CALCULUS-ANALYTIC GEOMETRY I** (4)  
Prerequisite: MAT 115 or a satisfactory score on the precalculus placement exam or an ACT mathematics subscore of 23 or higher. An introductory course in calculus for scientists and engineers and assumes a strong foundation in algebra and trigonometry. Course topics include: limits, continuity, derivatives, epsilon-delta proofs, implicit differentiation and differentials, mean value theorem, geometrical methods, optimization, related rates and Newton's method, anti-derivatives, Riemann sums, definite integral, fundamental theorem of calculus. Applications are to geometry in one, two and three dimensions and mechanics as well as numerical methods. *This course may not be taken if credit has been received for MAT 143.*

**MAT 152 CALCULUS-ANALYTIC GEOMETRY II** (4)  
Prerequisite: MAT 151. The techniques of one dimensional calculus developed in MAT 151 are extended. Course topics include transcendental functions, inverse trigonometric functions, hyperbolic functions, advanced integration techniques including parts, trigonometric substitutions, rational integrands and quadratic expressions. Also included are indeterminate forms and improper integrals, infinite sequences and series, Taylor's series and polynomials and the binomial series.

**MAT 201 CALCULUS-ANALYTIC GEOMETRY III** (4)  
Prerequisite: MAT 152. A course in calculus in several dimensions. Course topics include plane curves, polar coordinates, vectors, surfaces, vector valued functions, partial differentiation and Lagrange techniques, multiple integrals, cylindrical and spherical coordinates, change of variable, vector fields, line integrals, Gree, Stokes and Divergence Theorems.

- MAT 202 DIFFERENTIAL EQUATIONS (4)**  
Prerequisite: MAT 152. Students will study solutions, properties of solutions and applications for first order, first degree equations and for linear equations of arbitrary order, higher order and higher degree equations, simultaneous linear differential equations, series solutions and laplace transforms.
- MAT 205 INTRODUCTORY STATISTICS (3)**  
An investigation of graphic methods, frequency distributions, percentiles, central tendency, variability, standard scores, normal and binomial distributions, hypothesis testing, and correlation. *May not be taken if credit has been received for MAT 208.*
- MAT 206 SURVEY OF GEOMETRY (3)**  
Prerequisite: MAT 151; 231 or 220. An examination of Euclidian and non-Euclidian geometries and a detailed study from an advanced viewpoint of foundations and theorems pertinent to secondary school geometry.
- MAT 207 NUMBER THEORY (3)**  
Prerequisite: MAT 151 or 143. A course covering prime and composite numbers, divisibility, Diophantine equations, congruences, and number theoretic functions. *Cross-listed as CIS 227.*
- MAT 208 STATISTICS FOR THE BEHAVIORAL SCIENCES (3)**  
Prerequisite: PSY 105. Topics covered in this course will include: frequency distributions, percentiles, central tendency, variability, standard scores, normal distribution, probability, correlation, linear regression, hypothesis testing and sampling. *May not be taken if credit has been received for MAT 205. Cross-listed as PSY 201.*
- MAT 210 INTRODUCTION TO COMBINATORICS (3)**  
Prerequisite: MAT 143 or 151. An introduction to counting arguments and combinatorial proofs. Topics include elementary counting principles, permutations and combinations, binomial and multinomial coefficients, generating functions, Stirling numbers, and graphs.
- MAT 220 LINEAR ALGEBRA (3)**  
Prerequisite: MAT 151. Topics include matrix algebra, systems of linear equations, Gaussian elimination, vector spaces, determinants, linear transformations, orthogonality, and eigenvalues.
- MAT 231 FOUNDATIONS OF MATHEMATICS (3)**  
Prerequisite: MAT 151. A study of logical reasoning, methods of proof, partitions and counting, math modeling, probability theory, linear programming and game theory.
- MAT 240 HISTORY OF MATHEMATICS (3)**  
Prerequisite: MAT 231. A survey of the history of mathematics from ancient to modern times. Topics include Greek mathematics, the development of calculus, the emergence of major branches of modern mathematics (e.g. analysis, algebra, statistics), and the advancement of mathematical thought in different cultures around the world. Emphasis will be placed on how notation and mathematical arguments have evolved over time. An appreciation of mathematical proof is required.
- MAT 255 SPECIAL TOPICS (1-3)**  
Special topics courses are offered periodically for topics in Mathematics that are not included in the established curriculum.
- MAT 303 NUMERICAL ANALYSIS (3)**  
Prerequisite: MAT 201 ,CIS 114. Numerical analysis covers finite differences, solution of non-linear (algebraic and transcendental) equations, zeros of polynomials, matrix methods, systems of linear equations, interpolation, estimation of parameters by least squares, numerical integration and solutions of ordinary differential equations. *Cross-listed as CIS 303.*
- MAT 306 ABSTRACT ALGEBRA I (3)**  
Prerequisite: MAT 201; 231 or 220. Covers the basic theory of groups, rings, ideals and fields.
- MAT 310 PARTIAL DIFFERENTIAL EQUATIONS (3)**  
Prerequisite: MAT 201, 202, 220. An introductory course in partial differential equations with an emphasis on applications. Emphasis will be on linear equations, Fourier series and Fourier transforms, orthogonal series with Legendre, Hermite and Laguerre polynomials and their generating functions. Boundary and initial value

problems for the heat, wave and Laplace equations. Bessel functions and their applications in Sturm-Liouville problems will also be investigated. If time permits, calculus of variations may be presented.

**MAT 315 READINGS IN MATHEMATICS (1-3)**

Mathematics courses not ordinarily offered by the department or more advanced topics in areas already offered.

**MAT 340 PROBABILITY AND STATISTICS FOR SCIENTISTS (3)**

Prerequisite: MAT 201. Corequisite: 231 or 220. Course will examine probability and statistical hypothesis testing from a calculus perspective and is suitable for scientists, engineers and mathematicians. Topics to be covered will include: Sample spaces, random variables, discrete and continuous distributions, including binomial, exponential, Poisson, normal and the approximation of the binomial with the normal. The Neyman-Pearson lemma and its use to justify hypothesis testing for means and proportions will be a course goal. Other topics such as continuous conditional probabilities, the t-distribution, ANOVA and additional hypothesis testing will be covered at the discretion of the instructor.

**MAT 345 TOPOLOGY (3)**

Prerequisite: MAT 231. Introduction to point-set Topology. Specific topics include metric spaces, continuity, open and closed sets, general topological spaces, homeomorphisms, products, connectedness, compactness, and some advanced topics such as basic homotopy theory.

**MAT 400 INDEPENDENT STUDY (3)**

Independent study credit is offered when students wish to explore a specific issue of mathematics that falls outside the parameters of the established departmental curriculum. Independent studies are subject to departmental approval and entail direct supervision of a departmental faculty member.

**MAT 405 MATHEMATICS SENIOR SEMINAR (3)**

This course will cover an advanced topic of the instructor's choice that includes topics of current interest to the mathematics and physics communities. Students are required to make presentations within and outside of the college at a professional meeting. Students will also write a paper developing some topic that will include relevant bibliographical references in a professional format. Presentations and paper will be reviewed by the entire department. Emphasis will be on understanding relevant, topical research topics in mathematics in an area previously unfamiliar to the student from the undergraduate curriculum and developing effective oral and written presentations.

**MAT 406 ABSTRACT ALGEBRA II (3)**

Prerequisite: MAT 306. A continuation of Abstract Algebra I. Topics include vector spaces, basic field theory, finite fields, extension fields, splitting fields, Sylow Theorems, and additional advanced topics as time allows (such as generators and relations or Burnside's Theorem).

**MAT 411 ADVANCED CALCULUS I (3)**

Prerequisite: MAT 201. A course covering advanced topics including limits, continuity, and differentiation.

**MAT 412 COMPLEX ANALYSIS (3)**

Prerequisite: MAT 201. Students will study analytic functions, transformation of elementary functions, integrals, power series, residues and poles, conformal mapping and applications.

**MAT 421 ADVANCED CALCULUS II (3)**

Prerequisite: MAT 411. A continuation of Advanced Calculus I. Topics include differentiation, the Riemann Integral, sequences of functions, and infinite series.

**MAT 455 SPECIAL TOPICS (3)**

Prerequisite: Permission of the instructor. Special topics courses are offered periodically for topics in Mathematics that are not included in the established curriculum.

**MAT 475 ADVANCED TOPICS IN MATHEMATICAL PHYSICS (3)**

Prerequisite: Permission of the instructor. An in-depth investigation of a current issue in mathematical physics using the tools previously developed in the program. The issue will be selected from topics such as functional integration, introduction to quantum field theory, differential geometry, general relativity, solitons, applications of non-linear PDEs, and representation theory, among others. *Cross-listed as PHY 475.*

Prerequisite: Permission of the instructor.

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**MEDICAL LABORATORY SCIENCE**

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**MET 489 Medical Laboratory Science Internship**

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All seniors must register for this course during the fall and spring semesters of their hospital program of professional study. Students who are enrolled full-time in a hospital program affiliated with Thomas More College will be considered full-time students at the College.

**SENIOR YEAR**

**St. Elizabeth School of Medical Technology, Edgewood, Kentucky**, Dr. Jackson O. Pemberton, Medical Director; Brian Wells, Education Manager.

Thomas More College is affiliated with the Clinical Laboratory Science Program of St. Elizabeth Healthcare Center, Edgewood, Kentucky. After completing the course work required by Thomas More College, the student spends his/her senior year at the hospital. This is a twelve-month program of professional study, generally beginning in late June. Credit hours and grades are transferred back to Thomas More College. Course work at the hospital is in the following areas:

**Microbiology** Basic principles of medical bacteriology, mycology, virology, parasitology and mycobacteriology are covered. Experience in safely culturing and identifying microorganisms and conducting antibiotic sensitivity testing is provided. Students will receive lectures covering Microbiology materials before obtaining the clinical experience. However, the clinical experience runs concurrent with this rotation.

**Clinical Chemistry** Qualitatively and quantitatively analyze blood and other body fluids for chemical constituents such as proteins, carbohydrates, enzymes, electrolytes and therapeutic drugs. A wide range of sophisticated instrumentation is utilized during clinical rotations. The Chemistry lecture series is given with Hematology lectures. The four weeks of clinical learning will occur at the conclusion of lectures in each rotation.

**Hematology** Development of skills needed to perform manual cell counting, electronic cell counting and hemoglobinometry. The ability to differentiate White Blood Cells and Red Blood Cell Morphology of peripheral blood and bone marrow cells are studied. The Hematology series of lectures are given with the Chemistry lectures. The four weeks of clinical learning will occur at the conclusion of lectures in each rotation.

**Immunohematology** Theory and practice of procedures related to the selection of donors, antigen and antibody identification, compatibility testing, blood processing and component therapy. Experience in pre-natal and post-natal testing is also provided. Most of the clinical experience is provided in our student laboratory. However, a week of direct field experience will occur after all clinical rotations lectures are complete.

**Urinalysis** Students will gain information and experience in the physical, chemical and microscopic analysis of urine. The Urinalysis lectures are given with Molecular lectures. The one week of clinical learning will occur at the conclusion of lectures in each rotation.

**Molecular Techniques** Includes molecular theory and real-time polymerase chain reaction (RT-PCR). Molecular lecture are given with Urinalysis Lectures. The one day of clinical observation will occur at the conclusion of lectures in each rotation.

**Serology** Theory and practice of precipitation, agglutination, complement fixation, hemagglutination inhibition testing and fluorescent microscopy for the diagnosis of diseases such as syphilis, infectious mononucleosis and rheumatoid arthritis. Serology lectures are given with Coagulation Lectures. The one week of clinical learning will occur at the conclusion of lectures in each rotation.

**Coagulation** Students obtain knowledge as to the coagulation cascade and bleeding disorders that may develop in the coagulation system. The Coagulation Lectures are provided with the Serology lectures. The one week of clinical learning will occur at the conclusion of lectures in each rotation.

**Management** Students will be given information regarding management within a Clinical Laboratory. This includes budgeting, accreditation, education and communication, interview process and federal laws impacting

healthcare.

**Toxicology** Students will be given information concerning drugs of abuse and testing methods used to detect them. Two days of observation in the Toxicology Clinical Laboratory will then be provided. Clinical observation time occurs at the completion of the lectures for the program.

**Phlebotomy Training** As part of the Med Tech program, students will be trained to obtain blood specimens through venipuncture, arterial and capillary skin puncture. After basic phlebotomy techniques are introduced during orientation, students work to develop their skills by performing phlebotomy for a minimum of 20 hours.

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**MUSIC**

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**MUS 100 THOMAS MORE SINGERS (1)**  
The Thomas More Singers meet for weekly rehearsals and perform at concerts and college functions. No audition is required. This course may be repeated.

**MUS 103 MALE CHORUS (1)**  
The men's vocal group will meet for weekly rehearsals and perform at campus events. This course may be repeated.

**MUS 110 BEGINNING VOICE CLASS (1)**  
Students will receive group instruction of basic vocal techniques, musicianship, and performance. A lab fee will be associated with this course.

**MUS 111 INTERMEDIATE VOICE CLASS (1)**  
Prerequisite: MUS 110. A continuation of MUS 110. Students will receive further group instruction of basic vocal techniques, musicianship, and performance. A lab fee will be associated with this course.

**MUS 114 BEGINNING GUITAR CLASS (1)**  
Students will receive group instruction of basic guitar techniques, musicianship, and performance. A lab fee will be associated with this course.

**MUS 115 INTERMEDIATE GUITAR CLASS (1)**  
Prerequisite: MUS 114. A continuation of MUS 114. Students will receive further group instruction of basic guitar techniques, musicianship, and performance. A lab fee will be associated with this course.

**MUS 118 BEGINNING PIANO CLASS (1)**  
Students will receive group instruction of basic piano techniques, musicianship, and performance. A lab fee will be associated with this course.

**MUS 119 INTERMEDIATE PIANO CLASS (1)**  
Prerequisite: MUS 118. A continuation of MUS 118. Students will receive further group instruction of basic piano techniques, musicianship, and performance. A lab fee will be associated with this course.

**MUS 121 SURVEY OF MUSIC LITERATURE (3)**  
An introduction to the art of music, its materials, styles, and structures during recent centuries and the creative impulse of its great composers.

**MUS 135 AMERICAN MUSIC (2 or 3)**  
A survey of the music of the North American continent, including Native American, Puritan and Colonial music during the nineteenth and early twentieth centuries.

**MUS 201 MUSIC THEORY I (3)**  
Prerequisite: Permission of the Music Department. A survey course covering music elements and organization, notation, chord progressions, harmony/analysis, sightsinging, and music dictation.

**MUS 202 MUSIC THEORY II (3)**  
Prerequisite: Completion of MUS 201 with a C grade or higher. A continuation of MUS 201 covering music elements and organization, harmony/analysis, sightsinging, dictation, transposition, and harmonizing a melody.

- MUS 225 CONTEMPORARY MUSIC (3)**  
Music in the twentieth century; its antecedents and development to the present are studied.
- MUS 226 THE HISTORY OF ROCK 'N' ROLL (3)**  
A survey of the history and styles of Rock 'n' Roll, the contributions of specific musicians, and the social impact of the music from the late 1940's to the present.
- MUS 231 SCHOOL MUSIC (3)**  
Prerequisite: Admission to the Teacher Education Program. Students will learn about teaching a music program in grades one through eight and the use of music as a supporting vehicle in various class subjects and activities.
- MUS 245 MUSICAL STYLE THROUGH THE AGES (3)**  
A survey covering Western music history and literature from antiquity to the present.
- MUS 247 VIEWING THE PERFORMING ARTS (2-3)**  
Offers a general study of the elements of music and the genres performed in Western music. Attendance is required at public performances.
- MUS 255 SPECIAL TOPICS (3)**  
Special topics courses will be offered periodically in a specific area of music.
- MUS 260 MUSIC IN WORLD CULTURES (3)**  
An introduction to the music of non-western countries. Content emphasizes diversity and uniqueness by exploring the music of India, Japan, Sub-Saharan Africa, Native America, Indonesia, Latin America, the Middle East, and others.
- MUS 270 VOICE LESSON (1)**  
Course requirement: Approval from Department Chair. Students will receive a private 30 minute lesson once a week and will perform each semester at a student recital. In addition to tuition, there is an additional fee.
- MUS 271 PIANO LESSON (1)**  
Course requirement: Approval from Department Chair. Students will receive a private 30 minute lesson once a week and will perform each semester at a student recital. In addition to tuition, there is an additional fee.
- MUS 272 GUITAR LESSON (1)**  
Course requirement: MUS 114 or with instructor permission. Students will receive a private 30 minute lesson once a week and will perform each semester at a student recital. In addition to tuition, there is an additional fee.
- MUS 290 CONDUCTING (3)**  
Prerequisite: MUS 201. Conducting fundamentals, score analysis, and rehearsal techniques are covered.
- MUS 335 LITURGICAL AIDS IN MUSIC (2)**  
Prerequisite: THE 407. Topics covered in this course will include Hymn resources, worship aids and choral repertory sources. Students will learn how to plan a liturgical year of music.

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**NURSING**

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- NUR 103 INTERPERSONAL COMMUNICATION (1)**  
An introduction to basic interpersonal communication skills within contexts of 1:1 and small group interactions.
- NUR 104 NURSING PROCESS (1)**  
An introduction to the systematic steps of the nursing process and how they should be applied in nursing practice. Students write nursing care plans based on simulated clinical situations.

- NUR 203 THEORIES/CONCEPTS (1)**  
Prerequisite: PSY 105, SOC 105. Corequisite: NUR 104, ENG 150. Students will explore the historical evolution of nursing and related theories, focusing on their utilization in the implementation of the nursing process.
- NUR 204 HEALTH ASSESSMENT (2)**  
**NUR 204L HEALTH ASSESSMENT LABORATORY**  
Corequisites: NUR 203; PSY 214; BIO 215, BIO 216/216L. The skills necessary to complete a holistic health assessment on clients throughout the lifespan are the focus of this course. In the Nursing Laboratory setting, the student practices total health assessments and the art of history taking.
- NUR 205 NURSING SKILLS LAB I (1)**  
Corequisites: NUR 103, 204/204L. Fundamental nursing skills are practiced in the Nursing Laboratory setting. Heavy emphasis is placed on the mastery of basic psycho-motor skills related to the provision of nursing care to clients in any health care setting.
- NUR 206 GERONTOLOGICAL NURSING (2)**  
Prerequisite: NUR 205. Corequisites: NUR 208; BIO 255. A study of theories and standards of practice, changes with aging, health problems, and issues in health care for the aged. Students utilize the nursing process to care for elderly clients in a variety of clinical settings. Theory and clinical components included.
- NUR 207 PARENT-CHILD NURSING (3)**  
Prerequisite: NUR 205. Corequisites: NUR 208; BIO 255. A course focusing on wellness promotion and health maintenance of children and childbearing women. Students utilize the nursing process to care for children and pregnant women in a variety of clinical settings. Theory and clinical components included.
- NUR 208 NURSING SKILL LAB II (1)**  
Prerequisite: NUR 205. Corequisites: BIO 255. Fundamental nursing skills are practiced in the Nursing Laboratory setting. Heavy emphasis is placed on the mastery of basic psycho-motor skills related to the provision of nursing care to clients in any health care setting.
- NUR 300 INDEPENDENT STUDY (1-4)**  
Students in nursing have the option of registering for Independent Study in Nursing. Students will work with a faculty member to develop learning objectives, identify appropriate learning activities, and methods of evaluation.
- NUR 305 PATHOLOGICAL PROCESSES (3)**  
Prerequisite: BIO 211/211L, 212/212L, 216/216L; CHE 103/103L, 104/104L. Explores the pathophysiological mechanisms causing alterations in the homeodynamic condition. Students apply scientific principles to case studies. *Open to non-Nursing majors.*
- NUR 306 NURSING CARE OF THE CHILDBEARING FAMILY (4)**  
Prerequisite: NUR 207, 208. Corequisite: NUR 305. Examines use of the nursing process in promoting the adaptation of women and their families to their optimal health during complex/high risk pregnancy. The focus is on bio-psycho-social-spiritual risk factors throughout the perinatal period. Theory and clinical components included.
- NUR 307 NURSING CARE OF THE ADULT (4)**  
Prerequisite: NUR 206, 208, 305. Students will examine the use of the nursing process to promote adaptation of individuals and families to their optimum health during the acute phases of illness. The focus is on bio-psycho-social-spiritual needs of the ill adult. Theory and clinical components included.
- NUR 308 NURSING CARE OF CHILDREN (4)**  
Prerequisite: NUR 207, 208, 305. Many illnesses are discussed and students will identify the bio-psycho-social-spiritual needs of the ill child and his/her family. The student utilizes the nursing process to assist the child/family to adapt to illness and to achieve optimal health. Theory and clinical components are included.
- NUR 309 MENTAL HEALTH NURSING (4)**  
Prerequisite: NUR 206, 207, 208. Corequisites: NUR 305. An examination of the effects of acute mental illness on clients and their families. The nursing process is utilized to promote adaptation by clients to reach their optimal level of functioning. Theory and clinical components are included.

- NUR 310 THEORETICAL PERSPECTIVES IN NURSING (3)**  
Explores the historical evolution of nursing and related theories focusing on their utilization in the implementation of the nursing process.
- NUR 400 INDEPENDENT STUDY (1-4)**  
Students in nursing have the option of registering for Independent Study. Students will work with a faculty member to develop learning objectives, identify appropriate learning activities, and methods of evaluation.
- NUR 403 NURSING RESEARCH (2)**  
Prerequisite: MAT 208 or 205; NUR 305; NUR 306 or 307 or 308 or 309. An introduction to the research process and the role of research in nursing, with a focus on developing a basic understanding of the process and on critical consumption of research.
- NUR 404 ADVANCED NURSING CARE OF THE ADULT (4)**  
Prerequisite: NUR 305, 307, 309. Corequisite: NUR 403. Focuses on the holistic application of advanced assessment skills and the use of nursing process with clients attempting to adapt to the stress of an acute illness. The principles and practice of critical care nursing will be components of this course. Students synthesize nursing and related theories as a basis for making priority nursing practice decisions. The focus is on the bio-psycho-social-spiritual needs of the critically ill adult. Theory and clinical components are included.
- NUR 405 CHRONICITY AND NURSING (4)**  
Prerequisite: NUR 307, 308, 309. Corequisite: NUR 403. A focus on the use of the nursing process with individuals experiencing chronic health problems. Principles and practices related to chronicity will be implemented to include the bio-psycho-social-spiritual aspects of nursing care in home health and physical rehabilitation settings.
- NUR 406 COMMUNITY HEALTH NURSING (4)**  
Prerequisite: NUR 306, 307, 308, 309. Corequisites: NUR 403. The care of the community as a client is the focus of this course. Principles of health promotion and illness prevention for individuals, families and groups are utilized in working toward a healthy community. World health organizations and environmental issues are examined for their effects on communities. Theory and clinical components are included.
- NUR 406P COMMUNITY HEALTH ISSUES PRACTICUM (6)**  
Prerequisite: NUR 406. Clinical course designed to be a synthesis of community based nursing and community/public health nursing with the goal of promoting and preserving the health of populations. This course recognizes that community health practice is responsible to the community as client with services provided to individuals, families, and groups to promote health and prevent disease. Students will apply knowledge and skills from nursing and public health sciences to expand their understanding of caring for a community's health.
- NUR 407 NURSING MANAGEMENT (6)**  
Prerequisite: NUR 306, 308, 404. Corequisite: NUR 403. A focus on the application of leadership principles and management skills in nursing, and the use of the nursing process with clients experiencing complex health problems. Clinical experiences are designed to ease the transition from student to professional nurse. Includes theory and clinical components with a two-week leadership transition experience.
- NUR 407P LEADERSHIP AND MANAGEMENT PRACTICUM (6)**  
Prerequisite: NUR 407. Clinical course as an applied capstone experience and provides an opportunity for the student to gain experience in a particular area of interest. The clinical practicum is designed to be a project conducted independently by the student at a setting of the student's choice. The student works with a preceptor and faculty to develop specific goals and objectives, and submits a summary of the project at the completion of the course.
- NUR 408 PROFESSIONAL SEMINAR (1)**  
Prerequisite: NUR 306, 307, 308, 309. Corequisite: NUR 403. An examination of issues related to professionalism and trends in nursing and health care, with special emphasis on current health care reform.

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**PHILOSOPHY**

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**COLLEGE CORE REQUIREMENT**

The core requires that each student earning a B.A., B.S., or B.S.N. degree complete two Philosophy courses: one course in Values and Ethics from among PHI 215, 255B, 230, 235, 307, 337, or 417, and one course in Epistemology and Metaphysics from among PHI 205, 220, 225, 255A, 307, 325, 327, 330, 337, or 401. Those earning a B.E.S. or B.B.A. degree must complete any one Philosophy course except PHI 105.

**PHI 105 INTRODUCTORY LOGIC (3)**

Student will develop the skills needed for careful analytical reasoning and problem solving as well as practice assessing the reliability of evidence and testing the soundness and validity of various forms of argumentation. This course is particularly recommended for any student who anticipates the need to take one or other of the advanced tests for admission to graduate or professional programs. *This course does NOT fulfill a core requirement.*

**PHI 205 PHILOSOPHY OF HUMAN NATURE (M&E) (3)**

A course focusing on the animate world around us and its reality as living, the difference between the living and the merely physio-chemical, the human body as living, the difference between vegetative life and animal life; the human being as animal and evolution and ecology. Other topics will include the difference between the human being and other animals, thought versus sensation, choice versus instinct, the question of the human soul, its reality and immortality; the unity of the human person, the power to decide and the question of human freedom and human reason and its implications.

**PHI 215 APPLIED ETHICS (V&E) (3)**

Students will explore ethical principles and major theories as well as application to various areas of human endeavor. The specific area of application will be designated in the course listings for a particular semester.

**PHI 220 PHILOSOPHY OF EDUCATION (M&E) (3)**

A course that will focus on the epistemological underpinnings of important theories of knowledge and learning in the history of ideas; it will also examine the formation of schools and institutions of higher learning, and the social, political and economic functions that these institutions serve.

**PHI 225 PHILOSOPHY OF SCIENCE (M&E) (3)**

Topics will include the world around us in its physio-chemical, material reality; the world of energy, force, position, space, and time, the world as changing and the universe of empirical research and its limits.

**PHI 230 AESTHETICS (V&E) (3)**

A course covering art and literature as beauty, expression and communication, the reality of beauty, the objectivity and subjectivity of art and literature, beauty and truth and beauty and value.

**PHI 235 SOCIAL AND POLITICAL PHILOSOPHY (V&E) (3)**

An examination of the interdependence of human beings and the reality of society, the person's relations to others in society and the question of authority and the freedom of the members of society.

**PHI 255 SPECIAL TOPICS (3)**

Special topics courses are offered periodically not included in the established curriculum. *PHI 255 fulfills either core requirement in values and ethics or metaphysics and epistemology. PHI 255A only fulfills the core for metaphysics and epistemology. PHI 255B fulfills the core for values and ethics.*

**PHI 307 MAJOR PHILOSOPHICAL AUTHORS (M&E or V&E) (3)**

A course exploring the writings of an author selected by the professor. Students will be expected to read closely, reflect critically and write in a clear, professional manner about the issues raised by the work of the author. *This course may be repeated.*

**PHI 325 HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY (M&E) (3)**

An overview of western Philosophy from its beginnings to the Renaissance with special emphasis on a selected few of the more important Philosophers.

**PHI 327 PHILOSOPHY OF HISTORY (M&E) (3)**

A course covering history and changing human relations, the question of history as development, progress versus mere change, learning from history and judging history and the freedom or determinism of history.

**PHI 330 HISTORY OF MODERN & CONTEMPORARY PHILOSOPHY (M&E) (3)**  
An overview of western Philosophy from the Renaissance to the present, with special emphasis on a selected few of the more important philosophers.

**PHI 337 PHILOSOPHY OF RELIGION (V&E or M&E) (3)**  
Topics covered in this course will include the rationality of belief in God, arguments for and against the existence of God, the nature of God as revealed by the evidence for saying that He exists, God's relation to the world He created and the relation of this investigation to religions.

**PHI 355 SPECIAL TOPICS (3)**  
Special topics courses are offered periodically when courses are developed that deviate from offerings of the established curriculum, but are nonetheless consistent with departmental goals.

**PHI 400 BACCALAUREATE RESEARCH PROJECT (3)**  
Candidates for the bachelor degree are required to submit a research project consisting of three 12 to 15 page papers, typically connected by a central theme, issue or topic selected by the student and prepared under the guidance of a member of the Department. Students will acquire familiarity with the bibliographic, research and writing skills appropriate to the field of Philosophy. Ordinarily the student begins this project in the fall term of the academic year in which the degree is expected to be conferred; the final version of the research project is to be submitted no later than April 1 for evaluation by the mentor and a second reader. Any modifications requested are to be completed before a final grade is assigned. A public oral presentation of the results of the research is arranged after the final version has been approved.

**PHI 401 METAPHYSICS (M&E) (3)**  
An examination of the reality, or being, of the things around us, what can be said of anything insofar as it is real, the contingency of the realities around us, their finiteness and its implications, the infinite and their creature hood, change, being and becoming.

**PHI 417 THE REALM OF VALUES (V&E) (3)**  
Nature, sources and types of values will be studied. Attention will be given to the major theories of value that have been proposed as well as to important issues such as the objectivity or subjectivity of values, the connection between value and ethical judgment, the role of values in elaborating systems of norms. Aesthetic, economic, intellectual, social and religious values will be examined in an effort to grasp the underlying relations among them.

**PHI 455 READINGS IN PHILOSOPHY (3)**  
Students will discuss selected readings in an area or period of Philosophy directed, explained and guided by the instructor as arranged between the instructor and the student.

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## PHYSICS

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**PHY 121 ELEMENTS OF PHYSICS I (3)**  
Prerequisite: MAT 115, 143 or 151. An introductory non-calculus course in Physics designed for students majoring in disciplines other than math and the physical sciences. The course covers 1- and 2- dimensional motion, vectors, forces, momentum, energy, thermodynamics, and waves.

**PHY 122 ELEMENTS OF PHYSICS II (3)**  
Prerequisite: PHY 121. An introductory non-calculus course in Physics designed for students majoring in disciplines other than math and the physical sciences. The course covers electric fields, Ohm's Law, magnetism, light, lenses, and some 20<sup>th</sup> century physics.

**PHY 121L ELEMENTS OF PHYSICS I LABORATORY (1)**  
3 hour lab. Concurrent Requisite: PHY 121. An introductory non-calculus course in Physics designed for students majoring in disciplines other than math and the physical sciences. Students will perform selected experiments in mechanics, heat, and sound.

**PHY 122L ELEMENTS OF PHYSICS II LABORATORY (1)**  
3 hour lab. Concurrent Requisite: PHY 122. An introductory non-calculus course in Physics designed for students majoring in disciplines other than math and the physical sciences. Students will perform selected experiments in sound, electricity, optics, and possibly some 20<sup>th</sup> century physics.

- PHY 141 GENERAL PHYSICS I (4)**  
 Concurrent Requisites: MAT 151. An introductory calculus-based course for Physics, Chemistry, Math and Pre-Engineering majors. Topics include mechanics.
- PHY 141L INTRODUCTION TO MEASUREMENT I (1)**  
 3-hour lab. Concurrent Requisite: PHY 141. Students will perform selected experiments in mechanics.
- PHY 142 GENERAL PHYSICS II (4)**  
 Concurrent Requisites: MAT 152. An introductory calculus-based course for Physics, Chemistry, Math and Pre-Engineering majors. Topics include electricity and magnetism.
- PHY 142L INTRODUCTION TO MEASUREMENT II (1)**  
 3-hour lab. Concurrent Requisite: PHY 142. Students will perform selected experiments in electricity and magnetism.
- PHY/NSC 225 SOLAR SYSTEM ASTRONOMY (3)**  
 An introduction to the solar system. Topics include: apparent motions of the sun, moon, and planets in the sky, geocentric and heliocentric models of the solar system, telescopes and how they are used to collect and analyze radiation, the moon and its phases, the nature of the planets, comets, and asteroids, the origin of the solar system, and spacecraft observations of the planets. May be taken by itself or in conjunction with PHY/NSC 225L.
- PHY/NSC 225L ASTRONOMY LABORATORY (1)**  
 3-hour lab. Prerequisite or Corequisite: PHY/NSC 225 or PHY/NSC 238. Students will perform laboratory exercises, telescope observing session, and experiments designed to illustrate the concepts discussed in PHY/NSC 225 and PHY/NSC 238.
- PHY/NSC 236/237 CONCEPTS OF PHYSICAL SCIENCE I, II (3, 3)**  
 Prerequisite: minimum score of 18 on the Math section of the ACT, or satisfactory scores on the in-house math placement test, or satisfactory completion of either GEC 096 or GEC 093/094. An introduction to the study of the physical sciences involving selected topics from astronomy, geology, chemistry, and classical and modern physics.
- PHY/NSC 236L/237L CONCEPTS OF PHYSICAL SCIENCE LAB I, II (1, 1)**  
 3-hour lab. Corequisite: PHY/NSC 236/237. Students will perform selected exercises in Astronomy, Geology and Physics designed to complement material covered in PHY/NSC 236 or PHY/NSC 237.
- PHY/NSC 238 STELLAR ASTRONOMY (3)**  
 The stars, stellar systems, and cosmology will be studied. Topics include: the nature of light, telescopes, multiple star systems, stellar evolution, and the origin, evolution, and future of the universe. This course may be taken in conjunction with PHY/NSC 225L.
- PHY 241 GENERAL PHYSICS III (3)**  
 Concurrent Requisites: MAT 201. An introductory calculus-based course for Physics, Chemistry, Math and Pre-Engineering majors. Topics include waves, sound, heat, optics, and modern physics.
- PHY 241L INTRODUCTION TO MEASUREMENT III (1)**  
 3-hour lab. Concurrent Requisite: PHY 241. Students will perform selected experiments in heat, sound, optics, and modern physics.
- PHY 242 MODERN PHYSICS (3)**  
 Prerequisite: PHY 122 or 241; MAT 152. Special relativity, introduction to quantum mechanics, atomic and nuclear physics are covered.

- PHY 251 ELECTRONICS (4)**  
**PHY 251L ELECTRONICS LABORATORY**  
 3-hour lecture, 3-hour laboratory. Prerequisite: PHY 122 or 142. Electronics will study AC and DC circuits and discrete and integrated semiconductors including: diodes, transistors, amplifiers, and oscillators. Other topics will include a study of digital logic, digital circuitry and microprocessors including: gates, flip-flops, counters, registers, multiplexing, and A/D converters.
- PHY 255 SPECIAL TOPICS IN PHYSICS (1-3)**  
 A special topics course investigates a specific topic in Physics that may not be included in the normal Physics curriculum. The course may be structured to emphasize lab work, equipment or computer software development and evaluation, or the more traditional lecture format.
- PHY 311 STATICS (3)**  
 Prerequisite: PHY 241; MAT 201. Statics will cover the application of the conditions of equilibrium to coplanar and space systems, static friction, centroids and moments of inertia.
- PHY 312 CLASSICAL MECHANICS (4)**  
 Prerequisite: PHY 242; MAT 220. An examination of the motion of a particle, systems of particles, d'Alembert's principle, calculus of variation, Lagrange's equation, Hamilton's principle and dynamics, rigid bodies, moving coordinate systems, and small oscillations.
- PHY 315 THERMAL PHYSICS (3)**  
 Prerequisite: PHY 241; MAT 202. An investigation of the Laws of Thermodynamics, Maxwell's relation and Thermodynamic potential and the equation of state and elements of phase transition. An introduction to statistical mechanics, Maxwell-Boltzmann, Bose-Einstein and Fermi-Dirac statistics and applications will be provided.
- PHY 317 ASTROPHYSICS (3)**  
 Prerequisite: PHY 242. An advanced introduction to physics associated with astronomy and cosmology. Topics will include orbital mechanics, spectroscopy, stellar interiors and evolution, galactic dynamics, the interstellar medium and cosmology. Students can expect to utilize equipment at and data from The Bank of Kentucky Observatory as part of this course.
- PHY 321/322 ADVANCED EXPERIMENTAL PHYSICS I, II (1, 1)**  
 3-hour lab. Prerequisite: PHY 241L. Students will perform selected experiments in mechanics, heat, physical optics, electricity and magnetism, solid state, and atomic and nuclear physics, designed to acquaint the student with the instrumentation and techniques of measurement and computer analysis used in modern day physics.
- PHY 391/392 RESEARCH PROJECTS IN PHYSICS I, II (1, 1)**  
 An experimental project with a tone of research for physics majors.
- PHY 411 NUCLEAR AND PARTICLE PHYSICS (3)**  
 Prerequisite: PHY 416, MAT 310. An examination of nuclear decay, nuclear reactions and models, subatomic particles, and discussions of recent advances in nuclear and particle physics.
- PHY 412 INTRODUCTION TO SOLID STATE PHYSICS (3)**  
 Prerequisite: PHY 241, 251, 416. Topics covered in this course will include X-ray crystallography, semi-conductor, phonons, dielectric materials, magnetic materials, and theory of solids.
- PHY 416 QUANTUM MECHANICS (3)**  
 Prerequisite: PHY 242; MAT 202, 310. Course will cover the dual nature of matter and radiation, the development of quantum mechanics, the uncertainty principles, wave functions and Schrodinger's equation, representation theory, Hilbert Space, Dirac notation, eigenvalue problems, the potential well and potential barrier, as well as additional solutions to Schrodinger's equation such as in simple symmetries of 2-3 dimensions. The hydrogen atom and associated quantum numbers may be included.
- PHY 422 ADVANCED CLASSICAL MECHANICS (3)**  
 Prerequisite: PHY 312. A continuation of topics explored in Classical Mechanics, including an in depth examination of Hamiltonian mechanics, nonlinear mechanics, chaos, collision theory, and continuum mechanics.

**PHY 426 ADVANCED QUANTUM MECHANICS (3)**  
Prerequisite: PHY 416. This course will consider some of the material in PHY 416 in more detail and continue on with the hydrogen atom, angular momentum and spin, systems of particles, perturbation theory, scattering theory, and other special topics of interest.

**PHY 432 ELECTROMAGNETISM (4)**  
Prerequisite: PHY 142; MAT 310. Electric and magnetic fields in free space and in materials, electromagnetic fields and waves and radiation are discussed.

**PHY 442 ADVANCED ELECTROMAGNETISM (3)**  
Prerequisite: PHY 432. This course will consider some of the material in PHY 432 in more detail and continue on with Electrodynamics, radiation near and far fields, and some common elementary graduate school problems.

**PHY 475 ADVANCED TOPICS IN MATHEMATICAL PHYSICS (3)**  
Prerequisite: Permission of the instructor. An in-depth investigation of a current issue in mathematical physics using the tools previously developed in the program. The issue will be selected from topics such as functional integration, introduction to quantum field theory, differential geometry, general relativity, solitons, applications of non-linear PDEs, and representation theory, among others. *Cross-listed as MAT 475.*

**PHY 490 ADVANCED RESEARCH PROPOSAL (1)**  
Prerequisite: PHY 322. The student will create a written proposal for a research project that consists of a timeline, budget, and defined accomplishments. This proposal will be based on background readings and often some preliminary data measurements to verify the feasibility of the project. It is possible to successfully complete this course with the conclusion that the proposed project is not feasible or not affordable. In this situation, the student must repeat the course with more realistic goals. The proposal will be reviewed by the departmental faculty and the Chair's approval is required to take PHY 491. *This course may be repeated once for additional credit.*

**PHY 491 ADVANCED RESEARCH PROJECTS IN PHYSICS (2)**  
Prerequisite: Permission of the Chair, indicating successful completion of a viable proposal from PHY 490. This course consists of an advanced computational or experimental project with research for physics majors based on the timeline, budget, and defined accomplishments of the approved PHY 490 proposal.

**PHY 498 SENIOR SEMINAR (1)**  
Prerequisite: 25 credit hours of Physics. Weekly seminar for the discussion and exploration of current topics in physics. Students will be required to research scientific articles and offer both written and oral critiques of the work. This course will also include preparation for and completion of a comprehensive exit exam for physics majors.

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#### COURSES FOR NON-MAJORS

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The Physics Department offers several NSC and PHY cross-listed courses for natural science credit, including NSC 225/225L, NSC 236/236L, NSC 237/237L, NSC 238. Descriptions are listed above. The Physics department also offers NSC courses as below.

**NSC 220 ANYTHING PHYSICS (3)**  
Prerequisite: Algebra. Once one understands the general concepts of motion, forces, and energy, then all concepts of physics are accessible. The first portion of the course will introduce these ideas to lay down a common language. The rest of the course will cover whatever physics topics the class deems interesting. Students will leave with the ability to recognize physics in their daily life (such as traffic accident reconstruction, gear ratios, refrigerator thermodynamics, physics of the body) and a conceptualization of some physics they may see in the news.

**NSC 220L ANYTHING PHYSICS LABORATORY (1)**  
Concurrent requisite: NSC 220. Students will perform selected experiments in mechanics, possibly electronics, thermodynamics, and simply modern physics or radiation, designed to complement material covered in NSC 220.

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**POLITICAL SCIENCE**

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- POS 105 INTRODUCTION TO POLITICAL SCIENCE (3)**  
A course designed to provide the student with an “awakening” to the world of political science by developing an understanding and appreciation of the basic concepts, major theories, seminal literature, and their applications within our political world. *This course fulfills a core requirement in the social science category.*
- POS 106 AMERICAN GOVERNMENT (3)**  
An introductory examination of the principles, structure and practice of the American governmental system.
- POS 206 STATE AND LOCAL GOVERNMENT (3)**  
Students study the principal structures, processes and challenges of state and local government.
- POS 215 INTRODUCTION TO PUBLIC ADMINISTRATION (3)**  
An examination of governmental administration and organization in the US at the national, state, and sub-state levels; development and evolution of the discipline; organization and management; administrative control and accountability; intergovernmental relations; functions and operation within a democratic form of government and political environment.
- POS 230 WORLD POLITICS (3)**  
Pre-requisite: POS 105. Combining elements of two areas of study (Comparative Politics and International Relations); World Politics will provide students with a solid foundation for understanding contemporary international, or world, politics. Students will be introduced to the theories, issues, and economic basis of international relations while developing an understanding of the field in preparation for more advanced classes in world politics. The course will develop awareness of their role as world citizens, understanding the impact of global politics upon their lives, and informed judgments about contemporary political issues.
- POS 255 POLITICAL SCIENCE TOPICS (3)**  
A special topics course with a focus upon investigating a particular theme, institution or problem in Political Science.
- POS 290 INTRODUCTION TO POLITICAL THEORY (3)**  
Recommended pre-requisite: POS 105. An introduction to the literature of political theory, and an examination of political ideology, with a focus upon fundamental questions of politics and social relations.
- POS 306 AMERICAN PRESIDENCY AND CONGRESS (3)**  
Prerequisite: POS 105. Designed to introduce students to two key national governmental institutions in the American political system; enabling a broad understanding of the development of these American political structures and their respective foci, while providing for an exploration of their complex relationship.
- POS 324 PUBLIC OPINION AND SURVEY RESEARCH (3)**  
The process of assessing public opinion is an integral aspect of our politics and society. Survey research aids in creating and justifying public policy and the development of campaign strategies. It provides the basis for much of what the media reports to be the ‘will of the people,’ and it helps develop product branding and sales. Through readings and class exercises, students will be introduced to both the theoretical and practical issues of survey research: the processes of obtaining public opinion, learn how to design simple survey instruments, and becoming knowledgeable consumers of public opinion polling.
- POS 329 GERMANY AND THE EUROPEAN UNION: A HISTORICAL AND CULTURAL APPROACH (3)**  
Prerequisite: HIS 102. An examination of 20<sup>th</sup> century German History with emphasis on post-1945 developments. The study unfolds against the backdrop of the formation and contemporary developments within the European Union. Topics include contemporary German politics and culture; together with Germany’s broader role in the E.U. *Cross-listed as HIS 329.*

- POS 335 GLOBAL POLITICAL ISSUES (3)**  
 Pre-requisites: POS 105, 230. This course provides a deeper understanding of the global issues raised in the World Politics course. Specifically, the course will focus on key issues confronting the development of a global community. Issues such as economic and cultural globalization, global environmental challenges, international and regional integration and regime change, the impact of democratization on world politics, and dimensions of global inequality will be explored through a focused literature. The course will develop a deeper awareness of students' role as world citizens while enhancing their ability to make informed judgments about contemporary political issues.
- POS 336 CONTEMPORARY DEVELOPING WORLD (3)**  
 The developing and emerging world has been an area of great academic focus since the 1960s. In today's world, over one-third of the people on earth live in poverty. For a variety of reasons, they have inadequate diets, health care, and shelter. Since the publication of the Millennium Goals by the United Nations in 2000, much great attention has been paid to reducing poverty, along with improving education, health and nutrition, and life expectancy. This course will examine the all-to-common problems faced by developing countries, and the attempt by these nations, as well as the global community, to enhance their quality of life. Each student will write a research paper on a particular developing country which they will share with the class.  
*Cross-listed as HIS 336.*
- POS 355 POLITICAL STUDIES (1-3)**  
 A special topics course with a focus upon investigating a particular theme, institution or problem in Political Science.
- POS 370 UNDERSTANDING PUBLIC POLICY (3)**  
 Prerequisite: POS 105. This course is designed to introduce students to the policy process enabling them to develop a deeper awareness of their role as citizens while enhancing their ability to make informed judgments about contemporary American political issues.
- POS 400 INDEPENDENT STUDY (3)**  
 Students may register for an Independent Study in political science under supervision of a member of the History or Political Science faculty.
- POS 425 AMERICAN CONSTITUTIONAL HISTORY (3)**  
 A study of the United States Constitution from its antecedents to the present with an emphasis on major Supreme Court cases. *Cross-listed as HIS 425.*
- POS 435 HISTORY OF LATIN AMERICA (3)**  
 A survey course covering the historic, political, cultural, social and economic trends of Latin America.  
*Cross-listed as HIS 435.*
- POS 440 RISE AND FALL OF 20<sup>th</sup> CENTURY FASCISM (3)**  
 This course will trace the rise of 20<sup>th</sup> century fascism, primarily in Europe, with special emphasis on Italian and German fascism. It will examine how this movement served to ignite World War II, leading to millions of deaths, both on and away from the battle field. The course will also look at Fascist and Neo-Fascist movements in the contemporary world, particularly those which have emerged in several European countries since the end of the Cold War. *Cross-listed as HIS 440.*
- POS 442 RECENT RUSSIA (3)**  
 The major aspects of political and social development in recent Russia are examined. *Cross-listed as HIS 442.*
- POS 452 MODERN CHINA (3)**  
 A survey of the political and cultural history of China since 1800. *Cross-listed as HIS 452.*
- POS 455 SPECIAL TOPICS (3)**  
 An advanced special topics course investigating a particular theme, institution or problem in Political Science.
- POS 465 ASIAN STUDIES (3)**  
 A focus upon a specific period, theme or problem in the development of Asian civilization. *Cross-listed as HIS 465.*

- POS 491 POLITICAL THEORY AND IDEOLOGY (3)**  
 Course requirement: Junior standing. A seminar designed for intensive study of aspects of political theory. The course may focus on a single body of literature, comparative analysis of a key aspect of political discourse, or the writings of a particular theorist.
- POS 494 INTERNSHIP IN LOCAL GOVERNMENT (variable credit)**  
 Students participate in a practicum in a local government capacity.
- POS 495 INTERNSHIP IN STATE GOVERNMENT (variable credit)**  
 Students participate in a practicum in a state government capacity.
- POS 496 INTERNSHIP IN FEDERAL GOVERNMENT (variable credit)**  
 Students participate in a practicum either in a local federal government agency, or in Washington, D.C.
- POS 497 PRE-LAW INTERNSHIP (variable credit)**  
 Students participate in a practicum in an acceptable pre-law capacity (e.g. law firm, pre-trial release agency, court attorney/judge's office). *Cross-listed with PLS 497.*
- POS 498 CONGRESSIONAL LEADERSHIP PROGRAM (1)**  
 Course requirement: Sophomore standing. Students, who are residents of Kentucky's Fourth Congressional District, can earn one academic credit through participation in this eight-session program sponsored by Kentucky's Fourth District Congressman's local office. Held each summer, the program offers unique insights into the region's institutions and political processes.
- POS 499 POLITICAL SCIENCE SENIOR SEMINAR & METHODOLOGY (3)**  
 Prerequisite: POS 105, 106, 230, and a minimum 2.0 GPA in Political Science courses. A methodological course providing students with the skills needed to conduct and understand research in the field of Political Science. Statistical methods, research design, data collection and analysis (both quantitative and qualitative) are the primary topics upon which the course will focus. Students will be required to design and conduct a substantial research project.

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**PRE-LEGAL STUDIES**

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- PLS 101 INTRODUCTION TO THE STUDY OF LAW (2)**  
 An introduction to the various aspects of the legal profession and to basic legal terminology. The course also covers career options and helps the students determine whether or not the legal profession is the right choice for them.
- PLS 102 TRIAL ADVOCACY (1)**  
 An examination of the terminologies and procedures used in the courts of the United States.
- PLS 103, 104 MOCK TRIAL I, II (1, 1)**  
 Prerequisite: PLS 102. Prepares students for regional and/or national Mock Trial competitions.
- PLS 202 THE FEDERAL JUDICIARY (1)**  
 Students will examine the Federal Court system of the United States.
- PLS 255 SPECIAL TOPICS (3)**  
 A special topics course investigating a particular subject related to law.
- PLS 310 LAW AND ECONOMICS (3)**  
 Prerequisite: ECO 105. An introduction to the economic analysis of the law. Economic analysis will be used to shed light on property, tort, and contract law. *Cross-listed as ECO 310.*
- PLS 312 PSYCHOLOGY AND THE LAW (3)**  
 A course examining psychology and the legal system. Topics include eyewitness testimony, the insanity defense, theories of crime, lie detection and confession, jury decision making, the psychology of rape, serial killers, punishment and sentencing. *Cross-listed as PSY 302.*
- PLS 355 LEGAL TOPICS (1-3)**  
 A special topics course in an investigation of a particular subject related to law.

**PLS 380 LEGAL ISSUES IN SPORTS AND ENTERTAINMENT MARKETING (3)**  
Prerequisite: BUA 291. Course Requirement: Junior status, minimum GPA of 2.5. An investigation into the plethora of legal issues facing the sports and entertainment industries. The course will analyze legislation that has effected the development and operation of these industries. Landmark and seminal cases will be reviewed to ascertain the rights and restrictions of those operating within the industries. Also included as a point of study will be controversial issues where legal precedents have not yet been set. *Cross-listed as BUA and PLS 380.*

**PLS 497 PRE-LAW INTERNSHIP (variable credit)**  
Students may intern at an organization related to pre-legal studies.

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## PSYCHOLOGY

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**PSY 105 GENERAL PSYCHOLOGY (3)**  
An introduction to the field of Psychology and to the methods of study used by psychologists. Emphasis is placed on a scientific approach to understanding human behavior. Topics covered include the biological basis of behavior, sensation, perception, learning, memory, personality, abnormal behavior, and social behavior. *PSY 105 is a prerequisite for all other Psychology courses. This course fulfills a core requirement in the social science category.*

**PSY 201 STATISTICS FOR THE BEHAVIORAL SCIENCES (3)**  
Prerequisite: PSY 105; GEC 096 or a score of 18 or higher on the math section of the ACT. An introduction to descriptive and inferential statistics. Topics covered include frequency distributions, percentiles, central tendency, variability, standard scores, normal distributions, probability, correlation, hypothesis testing, and analysis of variance. *Cross-listed as MAT 208.*

**PSY 202 INTRODUCTION TO EXPERIMENTAL DESIGN (3)**  
Prerequisite: PSY 201 or MAT 208. The second course in the three-semester sequence (PSY 201, PSY 202 and PSY 308) of research methods in Psychology. It includes inferential statistics and the design of experiments.

**PSY 205 SOCIAL PSYCHOLOGY (3)**  
Prerequisite: PSY 105. Social psychology entails an analysis of the nature and causes of individual behavior in social situations. Topics include social perception, attitudes, interpersonal attraction, social influence, aggression, pro-social behavior, and group processes. *Cross-listed as SOC 215.*

**PSY 206 ABNORMAL PSYCHOLOGY (3)**  
Prerequisite: PSY 105. The nature and causes of maladjustment and mental disorders, theoretical perspectives on abnormal behavior, symptoms and diagnostic criteria for the major mental disorders, theories of etiology and approaches to treatment.

**PSY 209 WORKPLACE PSYCHOLOGY (3)**  
Prerequisite: PSY 105. Principles of scientific methodology and psychology applied to the business situation. Topics covered include research methods, employee performance and evaluation, structure of organizations, motivation, conditions of work, engineering psychology, and consumer psychology. *Cross-listed as BUA 304.*

**PSY 214 LIFESPAN DEVELOPMENT (3)**  
Prerequisite: PSY 105. Students will study the development of the human being from conception to maturity and into old age. Special problems at various ages are investigated, including problems of the young child, emotional and social adjustment of the adolescent and young adult, marriage and the family and issues unique to the elderly.

**PSY 215 CHILD PSYCHOLOGY (3)**  
Prerequisite: PSY 105. An investigation of the facts and theories pertaining to child development. Topics covered include intellectual, social, emotional, and physical growth in childhood, and issues and problems encountered during childhood.

**PSY 217 HUMAN SEXUALITY (3)**  
A study of the facts and theories pertaining to human sexual behavior and attitudes. Topics include sexual images in the media, history and methods of sex research, human sexual response, sexual expression, gender

roles and socialization, communication, sexuality through the life span, love and intimacy, homosexuality, and abnormal sexual behaviors.

**PSY 218 ADULT DEVELOPMENT AND AGING (3)**

Prerequisite: PSY 105. A study of the major psychological theories and themes of aging. Topics covered include cognitive, social, emotional, and personality characteristics of aging.

**PSY 220 PSYCHOLOGY OF PERSONAL GROWTH (3)**

Prerequisite: PSY 105. A course designed to encourage personal growth through self-exploration. The basis premise of the course is that a commitment to self-exploration can create new potentials for choice. A discussion format is used.

**PSY 255 SELECTED TOPICS (3)**

Prerequisite: PSY 105. Special topics course is offered when a topic falls outside of the established curriculum. This course may be taken more than once.

**PSY 275 POSITIVE PSYCHOLOGY (3)**

Prerequisite: PSY 105. A great deal of research has been done in the area of positive psychology and subjective well-being. That is, what makes for a meaningful or satisfying life? What brings happiness? What are the consequences of pursuing money, status, and power? What can you do to improve your own well-being? Researchers have examined the relationship between life satisfaction and personality, values, material wealth, religion, marital status, employment, race, gender, culture—and reached some surprising conclusions. We will review research in these areas and try to address the question of what constitutes the good life. The class will include readings from selected articles and chapters, student presentations, an empirical replications, and class activities.

**PSY 300 INDEPENDENT STUDY (3)**

Prerequisite: PSY 105. Students may complete a departmentally approved independent study in a selected area under the supervision of a member of the departmental faculty. This course may be taken more than once.

**PSY 301 INTERNSHIP LEVELS I, II, III, IV (3)**

Interns work within organizations, agencies or other settings gaining experience in a specific area of psychology. Students observe, assist or engage in projects under the supervision of skilled professionals. The course may be repeated for subsequent semesters.

**PSY 302 PSYCHOLOGY AND THE LAW (3)**

An examination of psychology and the legal system. Topics include eyewitness testimony, the insanity defense, theories of crime, lie detection and confession, jury decision making, the psychology of rape, serial killers, punishment and sentencing. *Cross-listed as PLS 312 and CRJ 355.*

**PSY 305 THEORIES OF PERSONALITY (3)**

Prerequisite: PSY 105 and Junior Standing. Recommended Prerequisite: PSY 206. A course covering the facts and principles of personality study; the nature of personality, its structure, development, expression, and measurement; evaluation of traditional and modern theories of personality. A major in-class presentation is required.

**PSY 306 CLINICAL AND COUNSELING PSYCHOLOGY (3)**

Prerequisite: PSY 206 and Junior Standing. A history of clinical psychology, training in clinical and counseling psychology, assessment and the planning of improvement programs and a survey of current approaches to counseling and psychotherapy. The development of elementary interview skills is an objective of this course.

**PSY 307 BIOLOGICAL PSYCHOLOGY (3)**

Prerequisite: PSY 105. A course providing the student with an understanding of the biological underpinnings of behavior, including the relationship between psychology and physiology, pharmacology, and anatomy. Other topics that will be studied include hormones and behavior, arousal and sleep, emotion and aggression, sexual behavior, eating and drinking and learning and memory.

- PSY 308 EXPERIMENTAL PSYCHOLOGY (3)**  
Prerequisite: PSY 201 or MAT 208, PSY 202. A continuing study of the design and execution of psychological experiments, stressing a variety of experimental designs, methodologies, and techniques. The course includes classic and contemporary studies illustrating the major subject areas of psychology. Students perform at least three laboratory experiments, covering various content areas, during the course of the research methods sequence.
- PSY 310 LEARNING (3)**  
Prerequisite: PSY 105, 201, 202; Requirement: Junior or Senior status, permission of the instructor. Students will study theory and data concerning the nature of the learning process, evaluate traditional and recent experimental theories of learning, gain hands-on experience with conditioning techniques and will learn the practical applications of learning principles.
- PSY 311 MOTIVATION (3)**  
Prerequisite: PSY 105, 201, 202; Requirement: Junior or Senior status. An evaluation of theories and research about the processes that activate and direct behavior. Topics covered include biological, social, cognitive, and learned approaches to motivation, and practical applications of motivational theories.
- PSY 315 SENSATION AND PERCEPTION (3)**  
Prerequisite: PSY 105. An investigation of the functioning of the sensory receptors in seeing, hearing, smell, taste, and touch, and examines the ways in which we use and interpret information from the environment.
- PSY 316 COGNITION (3)**  
Prerequisite: PSY 105. Students will study the processes by which information from the environment is obtained, analyzed, stored, and used by humans. Topics include pattern recognition, language comprehension, attention, memory, imagery, problem solving, and decision making.
- PSY 325 ANIMAL BEHAVIOR (4)**  
**PSY 325L ANIMAL BEHAVIOR LABORATORY**  
Prerequisite: BIO 102 or PSY 105. Students will study behaviors specific to animals other than man. Topics include instinct, environmental stimuli, learning, communication, aggression, sociobiology, and the evolution of behavior. Laboratories stress field observations and group projects. *Cross-listed as BIO 325/325L.*
- PSY 355 SPECIAL TOPICS (3)**  
Special topics courses are offered periodically when courses are developed that deviate from offerings of the established curriculum, but are nonetheless consistent with departmental goals.
- PSY 405 PRINCIPLES OF PSYCHOLOGICAL TESTING (3)**  
Prerequisite: PSY 201. A course concentrating on the theoretical and practical aspects of the assessment and prediction of human behavior. Topics covered include commonly used individual and group tests of personality, intelligence, and achievement, selection and evaluation of tests, test construction, standardization, reliability and validity.
- PSY 406 ADVANCED RESEARCH PROJECT (3)**  
Prerequisite: PSY 308. Advanced students design, conduct, and analyze a research project under supervision of departmental faculty. This course may be taken more than once.
- PSY 408 SENIOR SEMINAR (3)**  
Prerequisite: PSY 105 and Junior Standing. A study of the development of Psychology and contemporary psychological systems. Students will gain an understanding of the influences of schools of Psychology upon the discipline. The course is an integrative capstone experience for the senior Psychology major, who is required to make a major in-class presentation in this seminar.
- PSY 455 ADVANCED SELECTED TOPICS (3)**  
Prerequisite: PSY 105. Reserved for advanced special offerings. This course may be taken more than once.

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### RECALL PROGRAM

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The following courses are designed for those students pursuing the RECALL program. For further details please consult the description in this *Catalogue* under “Center for Adult and Professional Education.”

#### REC 275 PRIOR LEARNING WORKSHOP (1)

Course Requirement: RECALL candidates. A workshop presenting the requirements for giving evidence of college-level learning gained through work or life experience. Topics include: criteria of college-level learning, experience vs. learning, educational planning, standards for documentation, and elements of a portfolio.

#### REC 276 WRITING ABOUT PROFESSIONAL EXPERIENCE (3)

The second and final course for students pursuing the RECALL program. This course will provide information and directed assistance to students writing portfolios. Topics covered will include proper portfolio development, standards of documentation, and expectations for coursework. The structure of this course is flexible in order to respond to the unique needs of the students enrolled.

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### SOCIOLOGY

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#### SOC 105 PRINCIPLES OF SOCIOLOGY (3)

A course intended to foster the student’s “sociological imagination”, provide the student with exposure to the basics of the academic discipline and emphasize examination of: 1) the “ultimate meaning of life” through analysis and evaluation of the social construction of reality, socialization processes, and institutions, cultural (including value, linguistic, belief, and normative systems), and structural processes/components which provide the “meat and bones” of social life; 2) “one’s place in the world” through the analysis and evaluation of cultural relativism, ethnocentrism, multiculturalism, population demographics, and various other social problems; and 3) “one’s social and ethical” responsibility to others through the analysis and evaluation of stratification systems (particularly class, race, and gender), class, racial, ethnic, and gender relations, the role of social movement and activism in fostering social awareness and change, and the relationship of critical sociology to theological and philosophical systems of thought. Considerations of the position of sociology as an empirical science, its historical underpinning, its methodology, and other major components are also made. *This course fulfills a core requirement in the social science category. A grade of C or higher in this course is required for all higher level Sociology courses.*

#### SOC 201 SOCIOLOGY OF DEVIANCE (3)

Prerequisite: SOC 105. An investigation of the normative systems that guide behavior with particular attention paid to forms of behavior that fall outside the parameters of those systems, such as certain forms of crime, collective movements, teen rebellion, cults, and lying.

#### SOC 206 COMMUNITY SERVICE (3)

Community service provides students with a field experience: introducing students to the network of community services and organizations. Volunteer placements are arranged in community/social service agencies and organizations and, as necessary, include training sessions and seminars. *Please note that no student on academic probation may register for this course and that this course may be repeated for a total of six semester hours of credit.*

#### SOC 215 SOCIAL PSYCHOLOGY (3)

Prerequisite: SOC 105, if taking for Sociology credit. Social psychology entails an analysis of the nature and causes of individual behavior in social situations. Topics include social perception, attitudes, interpersonal attraction, social influence, aggression, pro-social behavior, and group processes. Cross-listed as *PSY 205*.

#### SOC 216 CLASS, RACE, AND GENDER (3)

Prerequisite: SOC 105. A survey course exposing students to the inquiry of race, class and gender via a sociological perspective. Race, gender, and class have been key variables in terms of understanding power and the distribution of resources in the American political system. The primary focus of the course is to establish a basic understanding of how the American system of governing operates and then to analyze this in terms of placing a template of race, gender, and class upon it.

#### SOC 217 SOCIAL PROBLEMS (3)

Prerequisite: SOC 105. An exploration of issues that are considered harmful to the human condition, such as population, crime, domestic violence, environmental sustainability, and poverty.

- SOC 218 SOCIOLOGY OF DATING, MARRIAGE, AND FAMILY (3)**  
Prerequisite: SOC 105. An investigation of a basic social institution: including analysis of dating, courtship, and marriage practices and functions; alternative primary groupings, such as homosexual unions and commuter relationships; primary group sexuality, conflict and conflict resolution; childbearing and socialization; divorce and remarriage.
- SOC 225 CRIMINOLOGY (3)**  
Prerequisite: SOC 105, if taking for Sociology credit. Provides an examination of crime and the criminal in society; the nature of crime and criminal law; causal theories of crime; methods of treatment, and prevention. *Cross-listed as CRJ 225.*
- SOC 226 JUVENILE JUSTICE (3)**  
Prerequisite: SOC 105, if taking for Sociology credit. The Juvenile Justice course analyzes the social and legal implications of the juvenile system. Causes, treatment, and prevention of juvenile delinquency are explored. *Cross-listed as CRJ 226.*
- SOC 248 URBAN SOCIOLOGY (3)**  
Prerequisite: SOC 105. Urban sociology is a general study of the sociology of industrial development including its structural-functional, conflictual, and symbolic dimensions and relationships to larger society.
- SOC 255 SPECIAL TOPICS (3)**  
Special topics courses are offered periodically when courses are developed that deviate from offerings of the established curriculum, but are nonetheless consistent with departmental goals.
- SOC 301 CONTEMPORARY SOCIOLOGICAL THEORY (3)**  
Prerequisite: SOC 105. The contemporary sociological theory course involves exploration and application of contemporary sociological theories. Topics include theory construction, structural-functionalism, conflict theory, symbolic interactionism, phenomenology, among others.
- SOC 304 SUBSTANCE ABUSE (3)**  
Prerequisite: SOC 105, if taking for sociology credit. A study of the pharmacological, social, legal, and clinical aspects of drug use in contemporary society. *Cross-listed as CRJ 304.*
- SOC 309 GROUP DYNAMICS (3)**  
Prerequisite: SOC 105. Group dynamics involves an introduction to small group processes, including basic concepts and group techniques. Practical orientation and demonstration of group approaches are stressed.
- SOC 311 SOCIAL RESEARCH METHODOLOGY (3)**  
Prerequisite: SOC 105; MAT 208 or PSY 201. Social research methodology involves exposure to and application of various methods used in conducting social scientific research. Topics include, survey design, interview techniques, field research methods, participant/non-participant observational techniques, sampling design, data analysis, and publication of findings. This course includes development of a research proposal that will be basis for the student's major work to be completed in Thesis (SOC 409).
- SOC 315 SOCIAL MOVEMENTS (3)**  
Prerequisite: SOC 105. A survey and theoretical interpretations of various social movements in history, such as the civil rights and the women's movements in the U.S., the French Revolution, and overthrow of Czarist Russia.
- SOC 320 SOCIOLOGY OF EDUCATION (3)**  
Prerequisite: SOC 105. The sociology of education course focuses on the theoretical, ideological and philosophical interpretations of the role of education as a social institution.
- SOC 325 COMPLEX ORGANIZATION (3)**  
Prerequisite: SOC 105. This course involves an in-depth examination of complex social organization with particular emphasis placed on its characteristic processes, structures, and systems.
- SOC 355 SPECIAL TOPICS (3)**  
Special topics courses are offered periodically as sociology electives when courses are developed that deviate from offerings of the established curriculum, but are nonetheless consistent with departmental goals, such as Appalachian studies, Gay and Lesbian Issues, or Communist Studies.

**SOC 381 MEXICAN-U.S. BORDER STUDIES****(3)**

Prerequisite: completion of all core social science, history, fine arts and foreign language requirements; instructor approval. Course enrollment is limited to twelve students, accepted on a "first-approved-first-enrolled basis." This course entails an intensive exploration of the sociology of the Mexican-U.S. border area of Ciudad Juarez and El Paso, Texas, including the political, environmental, historical, cultural, economic, artistic, racial, legal, and migration issues endemic to the area.

**SOC 395 INTERNSHIP IN SOCIOLOGY****(1-3)**

Interns work within organizations, agencies or other settings gaining experience in a specific area of sociology. The course may be repeated for subsequent semesters.

**SOC 400 INDEPENDENT STUDY****(3)**

Independent study credit is offered when students wish to explore a specific issue of sociological interest that falls outside the parameters of the established departmental curriculum. Independent studies are subject to departmental approval and entail direct supervision of a departmental faculty member.

**SOC 405 SOCIAL CHANGE****(3)**

Prerequisite: SOC 301. The course on social change involves an analysis of the forces behind and factors contributing to sociological evolution. A variety of theoretical interpretations of this phenomenon are presented, discussed, and applied to specific historical and current events and postmodern forecasts.

**SOC 409 THESIS****(3)**

Prerequisite: SOC 105 and Junior or Senior standing. Recommended prerequisite: SOC 301, 311. Candidates for the bachelor degree with a major in Sociology are required to write and submit a paper of no less than forty pages in length that illustrates the candidate's mastery of the theoretical, methodological, and substantive course content within the sociology major. Successful completion of the thesis provides evidence of the student's and faculty's success in meeting departmental goals. As a rule, the student begins work on methodological component of the thesis in the social research methodology course (SOC 311) followed by theoretical augmentation of the work in the contemporary sociological theory course (SOC 301). This project usually involves a public presentation of the work at an applicable scholarly conference. An additional component of this "capstone" course involves resume writing, preparation for and completion of the national major content assessment exam, GRE preparation, and discussion and promotion of employment and graduate school application processes.

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**SPANISH**

Students who have never before studied Spanish, or who had some Spanish five or more years ago should enroll in SPA 101. Those who have had one or two years of high school instruction in Spanish should enroll in SPA 111 or 201 –depending on language competency. Those students who have had three years of high school instruction in Spanish should register for SPA 201. Students who have studied Spanish for four or more years in high school should enroll in SPA 260.

**SPA 101/102 SPANISH LEVEL I – for True Beginners****(3, 3)**

Students will learn the fundamentals of grammar, reading, and conversation and receive an introduction to Spanish and Hispanic cultures. *SPA 101 is intended for students who have never before studied Spanish; SPA 102 is reserved for those students who have completed SPA101 at Thomas More College.*

**SPA 111/112 SPANISH LEVEL I****(3, 3)**

An introduction to the Spanish language and Spanish and Hispanic cultures. *It is intended for those students who have had some Spanish instruction in high school, but who would feel more comfortable starting with the basics.*

**SPA 201/202 SPANISH LEVEL II****(3, 3)**

Prerequisite: SPA 101, 102, or the equivalent. A review of grammar, conversation and reading. Students will expand language skills acquired in SPA 101, 102. Increased attention will be given to understanding culture through authentic activities. *Typically, students with three years of high school Spanish are placed in 201.*

**SPA 255 SPECIAL TOPICS****(3)**

Courses of a practical nature will be available to allow for special interest development.

- SPA 260 SPANISH CONVERSATION (3)**  
Students will develop speaking and listening skills through active participation. Discussions and activities are based on contemporary issues of interest to students.
- SPA 303 ADVANCED SPANISH (3)**  
A language development course designed to practice all four language skills: speaking, listening, writing, and reading. Emphasis will be on control of grammatical structures while communicating ideas.
- SPA 304 SPANISH COMPOSITION (3)**  
A course designed to develop both formal and informal writing skills, such as letters, journals and academic papers. Emphasis will be on writing in response to reading and on understanding reading and writing as complementary processes.
- SPA 306 READING FOR CULTURAL UNDERSTANDING (3)**  
Students will study literary and non-literary selections in order to prompt the discussion of different cultural aspects. Emphasis will be on a critical understanding of the student's own cultural assumptions vis-à-vis specific Hispanic and Spanish cultures.
- SPA 321 SPANISH AND LATIN AMERICAN CINEMA (3)**  
Prerequisite: SPA 306. Representative works of current and traditional Spanish and Latin American cinema are studied.
- SPA 331 BUSINESS SPANISH (3)**  
Prerequisite: SPA 306. Students will develop their communicative abilities in the context of the world of business conducted in Spanish.
- SPA 355 SPECIAL TOPICS (3)**  
Special topics courses are offered periodically when courses are developed that deviate from offerings of the established curriculum, but are nonetheless consistent with departmental goals.
- SPA 401 INTRODUCTION TO LITERATURE (3)**  
An introduction to classic works and writers in Spanish. Emphasis will be on understanding literature as art and as an aesthetic phenomenon full of sociocultural implications for both the reader and the writer. The survey includes Hispanic and Spanish authors' works of poetry, narrative, essays and theatre. Students will be introduced to the terminology necessary for exercises in literary criticism.
- SPA 411 SURVEY OF HISPANIC-AMERICAN LITERATURE (3)**  
Prerequisite: SPA 401. Distinguished authors of Spanish-American literature from the Pre-Colonial period to the present are studied.
- SPA 413 ANALYSIS OF SELECTED IBERIAN MASTERPIECES (3)**  
Prerequisite: SPA 401, 411. A study of a work or of several works from particular key periods in Iberian literature.
- SPA 431 ISSUES IN SPANISH TRANSLATION (3)**  
Prerequisite: SPA 306. An introduction to the principles of translation and translation theory, as well as practice in a variety of translation genres.
- SPA 435 COMMUNITY EXPERIENCE-SENIOR SEMINAR (1)**  
Prerequisite: SPA 431. Students will experience Spanish in the community.

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**SPORTS AND ENTERTAINMENT MARKETING**

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- SEM 310 SPORTS AND ENTERTAINMENT BUSINESS ENVIRONMENT (3)**  
Prerequisite: BUA 105. Course Requirement: Junior status, minimum GPA of 2.5. As a survey of both the sports and entertainment industries, this course will provide an overview of the origins and structure of each industry. The current issues facing each industry will be explored. The sports industry will be segmented by looking at professional, college, high school, and youth sports. The entertainment industry will be divided into movies, theatre, TV/radio, media/publishing, travel and tourism, and music. *Cross-listed as BUA 310.*

**SEM 380 LEGAL ISSUES IN SPORTS AND ENTERTAINMENT MARKETING (3)**

Prerequisite: BUA 291. Course Requirement: Junior status, minimum GPA of 2.5. An investigation into the plethora of legal issues facing the sports and entertainment industries. The course will analyze legislation that has effected the development and operation of these industries. Landmark and seminal cases will be reviewed to ascertain the rights and restrictions of those operating within the industries. Also included as a point of study will be controversial issues where legal precedents have not yet been set. *Cross-listed as BUA and PLS 380.*

**SEM 392 INTERNSHIP IN SPORTS AND ENTERTAINMENT MARKETING (3)**

Prerequisite: BUA 311. Course Requirement: Junior status, minimum GPA of 2.5. Student will obtain hands-on experience by working with professionals in the field of sports and/or entertainment. Students must work with their advisor to secure and set the parameters of the field experience. Students will be required to prepare an appropriate paper incorporating academic theory that is applied to the experience gained while completing the internship assignment. *Cross-listed as BUA 392.*

**SEM 410 SPORTS AND ENTERTAINMENT MARKETING (3)**

Prerequisite: BUA 311. Course Requirement: Junior status, minimum GPA of 2.5. A course building upon the general marketing principles studied in the Principles of Marketing course providing an analysis of the many issues facing marketing experts within the sports and entertainment industries. This course also examines the issues faced by those outside these industries that market their goods and services by partnering with companies and organizations within these industries. Students will be introduced to the unique qualities of the sports and entertainment product by analyzing pricing and distribution issues as related to these industries. *Cross-listed as BUA 410.*

**SEM 420 EVENT SPONSORSHIP AND PROMOTION (3)**

Prerequisite: BUA 311. Course Requirement: Junior status, minimum GPA of 2.5. Students will gain a thorough understanding of the concepts and theories that form the foundation of sponsorship and event planning. Students will then be required to apply these concepts and theories in developing strategies to support a significant project requiring original research and a professional presentation. *Cross-listed as BUA 420.*

**SEM 498 SEMINAR IN SPORTS AND ENTERTAINMENT MARKETING (3)**

Course Requirement: Senior status, minimum GPA of 2.5. The capstone of the program. Emphasis is placed on the strategic process and business policy concepts which are used to integrate the core courses. Case analysis and a major presentation are required.

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**THEATRE**

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**THR 105 INTRODUCTION TO THEATRE (3)**

An examination of theatre as an art form and it is designed to introduce students to the fundamental areas of theatrical endeavor (acting, designing, directing, and playwriting) and to familiarize them with the coordination of these specialties in the final production. Special attention is given to play analysis and interpretation.

**THR 202/203/204 ACTING LABORATORY I, II, III (1, 1, 1)**

Prerequisite: THR 205 and permission of the instructor. Students may earn 1-3 credit hours by assuming a major responsibility in an approved production.

**THR 205 ACTING I (3)**

The initial phase of the actor's training with emphasis on developing physical skills as a means of expression. The class deals intensively with creativity, artistic discipline, and the development of vocal and physical variety as the basis for character development. Offered for non-majors as a Fine Arts elective.

**THR 206 ACTING II (3)**

Students will concentrate on the problems of character development. Attention is given to script interpretations, advanced physical training, and stimulating the special talents of individual students.

**THR 207 THEATRE PRODUCTION (3)**

A course focusing on the fundamentals of play production and is designed to acquaint the student with all areas of technical theatre and give them experience in organization and technical theatre coordination.

- THR 208 ORAL INTERPRETATION OF LITERATURE (3)**  
 An introductory course concentrating on techniques for performing literature. Students work with a variety of selections in prose, poetry, and dramatic literature while developing foundations of creative analysis and imaginative interpretation as synthesized through class performances. *Cross-listed as COM 208.*
- THR 209 MIME AND CLOWNING (3)**  
 Students will explore various mime and clowning techniques, including tumbling, juggling, mime illusions, and other physical humor. The course will culminate with a performance of clown and mime skits. This is mainly a hands-on course, with some outside research on a related topic for a final paper. By the nature of the course, the student will also develop abilities to work in collaboration in putting together a show.
- THR 210 INTEGRATED MOVEMENT FOR LIFE AND STAGE (3)**  
 An experimental course which assists students in developing awareness and ease of movement. Based in Hatha Yoga, Mind Body Centering, and Alexander Technique, students will develop increased awareness and enjoyment of movement and of their bodies in movement. This is primarily a hands-on course, with a significant portion of self-reflective activities such as journaling and observation outside of class. We will explore asana, breath, alignment, and meditation techniques to relax and maintain ease and comfort in our bodies, whether preparing for work on the stage, in the gym, or in the classroom. Students will begin investigating ways of taking this awareness and ease into relationship with each other in group movement.
- THR 211/212/213 PRODUCTION LABORATORY I, II, III (1, 1, 1)**  
 Prerequisite or Corequisite: THR 207 and permission of the instructor. Students may earn 1-3 credit hours by assuming a major technical responsibility for an approved production.
- THR 225 INTRODUCTION TO MUSICAL THEATRE (3)**  
 Students will study America's particular contribution to World Theatre and investigate the form's development and its significance as a unique feature of our culture. The course treats outstanding authors, composers, and lyricists, and the problems of analysis of the popular musical. Knowledge of music is not required.
- THR 230 STAGE MAKEUP (3)**  
 Introduction to the basic techniques of makeup for the stage. They will develop skills in makeup for old age, modeling the face, special characters as angry, jolly, sad, and special techniques such as scars and bruises. It is a hands-on course, with demonstration by the teacher and then practiced by the student.
- THR 255 THEATRE PRACTICUM (3)**  
 Courses of a practical nature will be available under this number to allow for special interest development. Courses will generally be seminars.
- THR 300 INDEPENDENT STUDY IN THEATRE (3)**  
 Courses offering students an opportunity to develop interests related to the aspects of Theatre.
- THR 301/302 HISTORY OF THEATRE I, II (3, 3)**  
 Students will study the development of theatre practices from the Greeks to modern times, with special emphasis on methods of production and outstanding personalities. THR 301 covers the period to the 17th century English theatre, while THR 302 concentrates on the American theatre and world movements since 1700.
- THR 305 PLAYWRITING I (3)**  
 Students will study dramatic structure and pay special attention to the one-act play form. Students will write a playlet with a view toward production in Playwright's Lab. As a final project, the student is expected to write a more fully developed one-act play, either an original or an adaptation from another literary form. *This course can be used to fulfill the upper level English core requirement or the fine arts requirement. Cross-listed with ENG 305.*
- THR 306 PLAYWRITING II (3)**  
 Students will further consider dramatic structure, focusing on the full-length play. The student will develop a detailed scenario for a full-length play with a rough draft of the first act completed.
- THR 311/312/313 PLAYWRITING LABORATORY I, II, III (1, 1, 1)**  
 Prerequisite or Corequisite: THR 305. Students may earn 1-3 credit hours by completing a special project in playwriting.

- THR 320 ADVANCED ACTING (3)**  
 Students have the opportunity to continue the study of acting by doing individualized work with an instructor. This work will be done in conjunction with THR 206.
- THR 330 CREATIVE DRAMATICS (3)**  
 Prerequisite: THR 105. Students will develop the skills necessary to lead dramatic activities for young people. Students will learn and apply the principles of drama as they apply to creative drama, including transformation, group improvisation, stage pictures, role playing, and character development. They will investigate methods for working with young people using drama as a means to encourage the creative process.
- THR 355 THEATRE PRACTICUM (3)**  
 Prerequisite: Permission of the instructor. Advanced courses of a practical nature will be available under this number to allow for special interest development. Courses will generally be seminars.
- THR 356 TEACHING COMMUNICATION AND THEATRE IN THE SECONDARY SCHOOLS (3)**  
 A course designed to develop Communication and Theatre teachers for the secondary schools. Extracurricular areas of coaching forensics and mounting theatrical productions will also be explored.  
*Cross-listed as COM 356.*
- THR 398 NEXT STAGES: PROFESSIONAL PREPARATION FOR CAREERS IN THEATRE (2)**  
 A hands-on exploration of options and preparation for opportunities available to Theatre majors, during study and after graduation. Typical options we will explore include internships and apprenticeships, summer employment, graduate study (MFA or PhD), and professional work in theatre. Students will develop skills to approach a job search or investigation of further educational options. Students will develop the instruments with which to present themselves to outside organizations, in the pursuit of further study or professional work. These instruments are specific to theatre and typically include portfolios, audition monologues, resumes, and interview skills.
- THR 400 INDEPENDENT STUDY IN THEATRE (3)**  
 In Independent Study courses, exceptionally advanced students will develop special interest projects or studies under the direction of the departmental faculty.
- THR 401 DIRECTING I (3)**  
 Prerequisite: THR 105, 205, 207. An introduction to the craft of directing, with particular emphasis on script analysis. Students will develop a methodology for reading and interpreting scripts, and explore the means of realizing a play's interpretation on stage by examining staged works. *Cross-listed as ENG 401.*
- THR 402 DIRECTING II (3)**  
 Prerequisite: THR 401. An advanced course dealing with the artistic creativity of directing, with emphasis on the development of the student's artistic ability in special directing projects.
- THR 411/412/413 DIRECTING LABORATORY I, II, III (1, 1, 1)**  
 Prerequisite or Corequisite: THR 401 and permission of the instructor. Students may earn 1-3 credit hours by completing a special project in directing.
- THR 425 SCENE DESIGN (3)**  
 Prerequisite: THR 401. Students will be acquainted with the basic principles and styles of scene design, with emphasis on the development of visual interpretation and expression of the play.
- THR 455 DRAMATIC THEORY (3)**  
 Advanced seminar courses of a theoretical nature will be available under this listing.
- THR 498 SENIOR EXPERIENCE (1)**  
 Course requirement: Senior year, Theatre major. A seminar-type course, the student will work with the theatre faculty to prepare their final theatre major project. The student will choose a person from theatre history. They will research and write a one person show on that person. They will then perform the show, helping each other with directing and technical needs.

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## THEOLOGY

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### COLLEGE CORE REQUIREMENT

The core requires that each student earning a B.A., B.S., or B.S.N. degree complete one course in Sacred Scripture from among THE 205, 207, 305, or 306, and one course in systematic Theology from among THE 201, 218, 219, 309, 317, 405, 406. Those earning a B.E.S. or B.B.A. degree must complete one course from either series. Students should be at the sophomore standing (earned 30 credit hours or more) to take a Theology course to fulfill the core requirements.

**SPECIAL NOTE:** All Theology courses listed at the 100 level are part of a special program for religion teachers. These courses cannot be taken to fulfill the core requirement of the College, nor may they be used to fulfill requirements for a theology major.

**THE 106 SURVEY OF CATHOLIC BELIEF (2)**

A course designed for religion teachers who have had little formal background in basic Catholic doctrine, especially post-Vatican II theology. It will consider the development of doctrine, divine revelation, faith, God and Jesus Christ, and the doctrines which logically flow there from: Incarnation, Redemption, Sin, Grace, and Eschatology. A study of the Church, the Holy Spirit, and Mariology will also be undertaken. *THE 106 is divided into two parts which may be taken separately: Part I (1 hour), Part II (1 hour).*

**THE 108 INTRODUCTION TO CATHOLIC MORALITY (1)**

The basic moral teachings of the Catholic Church, the moral development of the person plus an investigation of selected current moral issues will be considered.

**THE 109 INTRODUCTION TO LITURGY AND SACRAMENTS (1)**

A course designed for religion teachers as an introduction to liturgical concepts and documents and as a study of signs and symbols. It will consider the basic concepts of sacramentology and each of the seven sacraments. Practical questions concerning the planning of liturgical experiences are also included.

**THE 116 INTRODUCTION TO SACRED SCRIPTURE (1)**

A course examining the introductory material needed for a basic understanding of the biblical themes of both the Old and New Testaments. It will also treat selected individual books of both Testaments.

**THE 124 CATECHETICS (1)**

For all religion teachers and those interested in catechetical ministry. Meaning and history of catechesis, implications for those catechized, qualities of the catechist, materials and approaches in catechesis.

**THE 201 FOUNDATIONS OF CHRISTIAN THEOLOGY (3)**

The course is designed to lay a groundwork for theological study. It treats the basic concepts of religion and theology as well as their methods. Among the topics examined are: revelation, inspiration, tradition, language of symbol and myth, where to find and how to use theological sources, basic Church documents.

**THE 205 UNDERSTANDING THE OLD TESTAMENT (3)**

Students will study the historical and theological form and content of the Old Testament based on a reading of selected books of the Old Testament.

**THE 207 UNDERSTANDING THE NEW TESTAMENT (3)**

Theological and literary content of the New Testament will be examined, with special emphasis on the gospels.

**THE 208 THEOLOGY OF MARRIAGE (3)**

An in-depth study of the theology of marriage derived from the Old and New Testaments and a consideration and evaluation of the latest developments in the field.

**THE 218 WORLD RELIGIONS: THE EAST (3)**

A survey of the major religions of the East: Hinduism, Buddhism, Confucianism, Taoism, and Shintoism. Past and present belief and practice will be explored.

**THE 219 WORLD RELIGIONS: THE WEST (3)**

A course to examine and explain the major religions of the West: Judaism, Christianity, and Islam. Past and present belief and practice will be explored.

- THE 255 THEOLOGY OF WOMAN (3)**  
 A study of the nature of woman and her role as seen in theology past and present. Material considered is from the Bible Church documents, theologians and spiritual writers. Besides Christian viewpoints, those of Islam, Buddhism and Hinduism are also examined.
- THE 300 INDEPENDENT STUDY (3)**  
 Students wishing to pursue independent study should consult the chairperson of the department.
- THE 305 THEOLOGY OF SAINT PAUL (3)**  
 A course covering the elements that went into St. Paul's thinking, his principal theological insights as expressed in the various epistles, and exegesis of chief passages to exemplify his thought.
- THE 306 OLD TESTAMENT THEOLOGY (3)**  
 An examination of selected themes of Old Testament teaching on such topics as notions of God, creation, man and his life, evil, covenant, Messiah, worship, and prayer. Students will interpret principal passages concerning these and related ideas.
- THE 308 DEATH: A FACT OF LIFE (3)**  
 An examination of various aspects of death: its definition, time of death, reactions of the dying, preparing for death. Ideas are drawn from the Bible, theology, philosophy, biology, literature and other areas bearing on the topic.
- THE 309 CONTEMPORARY CHRISTIAN MORALITY (3)**  
 A survey of the basis of moral theology, formation of conscience, and moral judgment, including the findings of anthropology and psychology with the insights of theology.
- THE 317 GOD AND CHRISTIAN ANTHROPOLOGY (3)**  
 The theology of God and human beings and their interrelationship as understood from revelation will be studied.
- THE 318 CHRISTIAN SPIRITUALITY (3)**  
 An investigation of the forms of religious actions arising from belief in Jesus as the Christ, with special emphasis on prayer.
- THE 405 THEOLOGY OF JESUS CHRIST (3)**  
 A course covering the person and significance of Jesus Christ from scripture and contemporary theology.
- THE 406 THEOLOGY OF CHURCH AND SACRAMENTS (3)**  
 The Church and the primary religious action performed by that community of believers will be examined. Emphasis will be placed on the contemporary theology of Church and Sacraments along with an examination of the Scriptural background for such beliefs.
- THE 407 LITURGY (3)**  
 A course to acquaint the student with the nature of worship, its purposes, its principles and methods. Specific attention is given to the Liturgy of the Mass.
- THE 408 THEOLOGY OF LIBERATION (3)**  
 A study and evaluation of the movements toward liberation and theology, with special emphasis on social thought emanating from theology in the Third World.
- THE 409 THEOLOGY SEMINAR I (2-3)**  
 A course for Theology majors to be taken in their junior year. The student will receive a directed reading list from the Department.
- THE 410 THEOLOGY SEMINAR II (2-3)**  
 The second part of a directed reading list for Theology majors and is to be taken in the senior year.

**THE 425 SOCIAL ISSUES**

**(3)**

Prerequisites: Completion of Core Requirements in Philosophy and Theology; Senior standing. The foundational principles of the social order will be studied and applied to specific contemporary problems in the social, economic, and political orders.

**Economic Justice:** A study of the social teaching of the Church reflected in the social encyclicals, the documents of the Second Vatican Council, and the pastoral letters of the American Bishops.

**Liberation Theology:** See THE 408.

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## BOARD OF TRUSTEES

### 2013 - 2014

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University of Cincinnati

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President  
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Thomas More College

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Educator  
Notre Dame Academy

**Dr. Manish Sharma**

Chair, Faculty General Assembly  
Thomas More College

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Northern Kentucky University

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President  
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Vice President of Sales  
Cypress Pharmaceutical, Inc.

**Mr. George J. Thelen '58**

Retired  
Thelen Associates

**Mr. Christopher J. Wilson '88**

Vice President & General Counsel  
Cincinnati Bell, Inc.

**Ms. Marna M. Zalla**

Civic Leader

**Dr. Anthony R. Zembrodt '65**

President  
Global Transfer Technology

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## OFFICERS OF ADMINISTRATION

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<p>Armstrong, David A.          B.A., Mercyhurst University          J.D., Cleveland-Marshall College of Law</p>	<p>President</p>
<p>Aamodt, Peter W.          B.A., Pitzer College          M.B.A., Claremont Graduate University          M.I.S., Claremont Graduate University</p>	<p>Vice President for Finance          Chief Financial Officer</p>
<p>Bielski, Bradley A.          B.S., University of Cincinnati          Ph.D., University of Cincinnati</p>	<p>Vice President for Academic Affairs          Dean of the College</p>
<p>Silvers, Cathy L.          B.A., Morehead State University          M.A., Morehead State University</p>	<p>Vice President for Institutional Advancement</p>
<p>Webster, Matthew H.          B.A., University of Louisville          J.D., University of Louisville</p>	<p>Vice President for Student Services</p>

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## RANKED FACULTY

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The year of first appointment is indicated by the date following the name of the faculty member.

### PROFESSORS EMERITI

<p>Blair, George (1965)          B.A., Boston College, Chestnut Hill, MA (1958)          M.A., Boston College, Weston, MA (1959)          Ph.L., Weston College, Weston, MA (1959)          Ph.D., Fordham University, Bronx, NY (1963)</p>	<p>Professor Emeritus, Philosophy</p>
<p>Bryant, William S. (1971)          B.S., Tennessee Technological University, Columbus, OH (1989)          M.S., Southern Illinois University, Carbondale, IL (1969)          Ph.D., Southern Illinois University, Carbondale, IL (1973)</p>	<p>Professor Emeritus, Biology</p>
<p>Budde, Sister Mary Laurence, S.N.D. (1958)          B.A., Thomas More (Villa Madonna) College, Covington, KY (1953)          M.S., The Catholic University of America, Washington, D.C. (1955)          Ph.D., The Catholic University of America, Washington, D.C. (1958)</p>	<p>Professor Emerita, Biology</p>
<p>Card, Bryant (1987)          B.A., Clark University, Worcester, MA (1955)          M.A., Columbia University, New York, NY (1958)          L.H.D., Windham College, Putney, VT (1977)</p>	<p>Professor Emeritus, Humanities</p>
<p>Dillon, Sister Mary Colleen, S.N.D. (1961)          B.A., Thomas More (Villa Madonna) College, Covington, KY (1958)          M.A., Fordham University, Bronx, NY (1960)          M.A., Cornell University, Ithaca, NY (1974)          Ph.D., Cornell University, Ithaca, NY (1976)</p>	<p>Associate Professor Emerita, English</p>
<p>Ferner, John W. (1977)          B.A., The College of Wooster, Wooster, OH (1967)          Ph.D., The University of Colorado, Boulder, CO (1972)</p>	<p>Professor, Biology</p>

- Franzen, Gerald (1973) Professor Emeritus, Chemistry  
 B.A., Thomas More College, Crestview Hills, KY (1964)  
 M.S., Louisiana State University, Baton Rouge, LA (1967)  
 Ph.D., University of Notre Dame, South Bend, IN (1971)
- Hicks, Ann A. (1975) Professor Emerita, Chemistry  
 B.S., Duke University, Durham, NC (1964)  
 Ph.D., Vanderbilt University, Nashville, TN (1970)
- Mielech, Ronald (1960) Professor Emeritus, Drama  
 B.A., Thomas More (Villa Madonna) College, Covington, KY (1957)  
 M.F.A., Yale University, New Haven, CT (1960)  
 Ph.D., Ohio State University, Columbus, OH (1974)
- Penn, Elizabeth M. (1990) Professor, Education  
 B.A., University of Dayton, Dayton, OH (1969)  
 M.Ed., Xavier University, Cincinnati, OH (1970)  
 Ed.D., University of Cincinnati, Cincinnati, OH (1985)
- Porter, J. William (1972) Professor Emeritus, Psychology  
 B.A., University of Denver, Denver, CO (1964)  
 M.S., North Texas State University, Denton, TX (1966)  
 Ph.D., Texas Christian University, Ft. Worth, TX (1973)
- Reinke, Sister Mary Evelyn, S.N.D. (1976) Associate Professor, Education  
 B.A., Thomas More (Villa Madonna) College, Covington, KY (1962)  
 M.A., University of Kentucky, Lexington, KY (1969)  
 Ph.D., St. Louis University, St. Louis, MO (1989)
- Sen, Sudhir (1987) Professor Emeritus, Physics  
 B.Sc., Calcutta University, Calcutta, India (1956)  
 M.Sc., Calcutta University, Calcutta, India (1959)  
 Ph.D., University of Texas at Austin, Austin, TX (1972)
- Sommerkamp, Patricia J. (1985) Associate Professor Emerita, Business Administration  
 B.A., Thomas More College, Crestview Hills, KY (1971)  
 M.Ed., Xavier University, Cincinnati, OH (1973)  
 Ed.D., University of Cincinnati, Cincinnati, OH (1981)
- Stier, Sister Jane, O.S.U. (1979) Associate Professor Emerita, Theology  
 B.A., College of Mt. St. Joseph, Cincinnati, OH (1948)  
 M.A., Xavier University, Cincinnati, OH (1962)  
 Ph.D., The Catholic University of America, Washington, D.C. (1966)
- Thornton, Peter C. (1990) Professor Emeritus, Business Administration  
 B.S., State University of New York, Albany, NY (1985)  
 B.S., Thomas A. Edison State College, Trenton, NJ (1985)  
 M.B.A., Xavier University, Cincinnati, OH (1986)  
 Ph.D., Union Institute, Cincinnati, OH (1992)

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## FULL-TIME FACULTY

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- Amann, Rebecca (2011) Instructor, Art  
 B.S., University of Cincinnati, Cincinnati, OH (2000)  
 M.F.A., Cranbrook Academy of Art, Bloomfield Hills, MI (2008)
- Arnold, Catherine (2011) Assistant Professor, Criminal Justice  
 B.S., University of Cincinnati, Cincinnati, OH (2004)  
 M.S., University of Cincinnati, Cincinnati, OH (2005)

- Arnold, Robert A. (1995) Professor, Business Administration  
 B.S., University of Kentucky, Lexington, KY (1983)  
 M.B.A., Xavier University, Cincinnati, OH (1984)  
 J.D., Salmon P. Chase College of Law, Northern Kentucky University,  
 Highland Heights, KY (1992)  
 Ph.D., Union Institute and University, Cincinnati, OH (2004)
- Barone, Kathleen S., (1994) Professor, Biology  
 B.S., Siena College, Loudonville, NY (1980)  
 Ph.D., Miami University, Oxford, OH (1991)
- Bilbo, Rebecca (1981) Associate Professor, Art  
 B.S., Nazareth College, Rochester, NY (1975)  
 M.A., University of Cincinnati, Cincinnati, OH (1985)
- Boehm, Lawrence E. (1989) Professor, Psychology  
 B.S., The Ohio State University, Columbus, OH (1984)  
 M.S., Ohio University, Athens, OH (1986)  
 Ph.D., Ohio University, Athens, OH (1988)
- Busse, E. Anne (1997) Associate Professor, Business Administration  
 B.A., Loyola University of Chicago, Chicago, IL (1973)  
 M.B.A., Xavier University, Cincinnati, OH (1977)  
 Ph.D., Argosy University, Sarasota, FL (2010)
- Braboy, Penny (2004) Assistant Professor, Business Administration  
 B.S., Xavier University, Cincinnati, OH (1983)  
 M.B.A., Xavier University, Cincinnati, OH (1993)  
 D.B.A., Argosy University, Sarasota, FL (2012)
- Byerly, Lawrence T. (1997) Professor, Business Administration  
 B.S., Slippery Rock State University, Slippery Rock, PA (1984)  
 M.B.A., Youngstown State University, Youngstown, OH (1985)  
 Ph.D., Kent State University, Kent, OH (1996)
- Camp, James N. (1998) Associate Professor, Sociology & Criminal Justice  
 B.A., Tarleton State University, Stephenville, TX (1989)  
 M.A., Texas Woman's University, Denton, TX (1992)  
 Ph.D., Texas Woman's University, Denton, TX (1995)
- Chen, Frederick C. (1993) Professor, Business Administration  
 B.M.E., Georgia Institute of Technology, Atlanta, GA (1981)  
 M.B.A., University of Chicago, Chicago, IL (1984)  
 Ph.D., University of Cincinnati, Cincinnati, OH (1989)
- Christensen, Joseph C. (2007) Associate Professor, Physics  
 B.S., Bradley University, Peoria, IL (1990)  
 Ph.D., University of Kentucky, Lexington, KY (1997)
- Cimprich, John (1985) Professor, History  
 B.A., Thomas More College, Crestview Hills, KY (1971)  
 M.A., The Ohio State University, Columbus, OH (1973)  
 Ph.D., The Ohio State University, Columbus, OH (1977)
- Cooper, Peggy A. (2004) Assistant Professor, Nursing  
 B.S.N., College of Mount Saint Joseph, Cincinnati, OH (1976)  
 M.S.N., University of Cincinnati, Cincinnati, OH (1982)

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 B.A., Miami University, Oxford, OH (1992)  
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## COMMUNICATION WITH THE COLLEGE

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Thomas More College is located at 333 Thomas More Parkway in Crestview Hills, Kentucky, just 10 minutes from downtown Cincinnati. Public transportation is available from the Greater Cincinnati Airport to the College; or, if you notify us of your travel plans, we would be glad to meet you.

The College telephone is (859) 341-5800. College offices are open 8:30 a.m. to 5:00 p.m. Monday through Friday, (8:30 a.m. to 4:30 p.m. May through late August), and at other times by appointment, if necessary.

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