

# **Academic Catalog**

## **Drury University Day School**

**Academic Year 2003-04**



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Dear Friends,

If you are new to Drury or considering seeking admission, this catalog will acquaint you with who we are, how we operate and what programs of study you can pursue. If you are already familiar with the university, the catalog should be a ready reference on details of our policies, procedures and courses.

Although we have tried to make this catalog reflect the substance and spirit of Drury, we cannot do so perfectly through the printed page. Drury's size is one of our special but somewhat intangible qualities. We are large enough to have much depth and talent, yet we emphasize and cherish the personal relationships our size enables us to create and maintain. Our commitment to our church relationships without being sectarian distinguishes us from many other schools. And overall, we hold high expectations for rigor and quality in our academic work.

I invite you to read further if you are just becoming acquainted with Drury University. But please, come visit as well. If you are already involved with Drury, it is my hope that you will find a helpful reference in the material that follows.

John E. Moore Jr.  
President

## Drury College

900 North Benton Avenue, Springfield, Missouri 65802  
Phone: 417-873-7879 / 800-922-2274 / FAX 417-873-7529



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# Drury University

Drury University is an institution of higher education offering masters, baccalaureate and associate degrees. The university enrollment is 4500 students. Programs are characterized by a focus on preparing students for satisfying and successful lives and careers. The programs prepare students for professional careers through careful attention to a liberal arts education and the interaction of liberal arts education into professional preparation. Drury is distinctive in its attention to the comprehensive preparation of graduates competent to assume leading roles in their professions and in their communities. Drury is particularly noted for its attention to excellence in teaching.

The university is comprised of Drury College and the College of Graduate and Continuing Studies (CGCS).

Drury College of Drury University offers more than forty majors for undergraduate students, most of whom are full-time. Degrees offered through this college are the bachelor of arts, the bachelor of architecture, the bachelor of music education and the bachelor of music therapy.

The College of Graduate and Continuing Studies offers masters, baccalaureate and associate programs to adult students who are continuing their education in the evenings, through online and at various program locations throughout the state. The bachelor of science, the bachelor of general studies and the associate of science degrees offered by this college are particularly designed to meet the needs of part-time students and those whose schedules do not permit them to attend during the day in Springfield. Master's degree programs are offered in business, education, communication and criminology/criminal justice.

Additional information regarding CGCS programs may be obtained through the continuing studies catalog and graduate programs catalog.

Drury University reserves the right to modify the terms of this catalog including calendar, fees, tuition, etc., without prior notice.

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# Drury University 2003-2004 Academic Catalog

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## Accreditation

Drury University is accredited by the Higher Learning Commission and a member of the North Central Association (30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504 (312) 263-0456 or (800) 621-7440). Drury University is also accredited by the National Council for the Accreditation of Teacher Education (2010 Massachusetts Avenue, NW, Suite 500, Washington, DC 20036-1023 (202) 466-7496) for elementary and secondary teachers and the master of education, by the National Architecture Accrediting Board (1735 New York Avenue, NW, Washington, DC 20006 (202) 783-2007 info@naab.org) for the five-year bachelor of architecture degree and by the Association of Collegiate Business Schools and Programs (7007 College Boulevard, Suite 420, Overland Park, KS 66211 (913) 339-9356 ACBSP@aol.com) for the bachelor of arts with majors in business administration and accounting and the master of business administration.

Drury University is a member of the Association of Governing Boards of Universities and Colleges, the Council of Independent Colleges, the Associated New American Colleges, the Council on Undergraduate Research and the Missouri Colleges Fund. The alumnae of Drury University are eligible for membership in the American Association of University Women.

## Privacy Policies

Drury University complies with all applicable laws relating to personal privacy, including the Family Education Rights and Privacy Act (FERPA) of 1974. Annually, Drury University informs students of their rights relating to FERPA (20 U.S.C. Sections 1232g; and implementing, 34 C.F.R. Section 99.1 et seq). The Act was designated to protect the privacy of education records and to provide guidelines for the correction of inaccurate or misleading data through formal and informal hearings.

Students have the right to file a complaint with the Family Educational Rights and Privacy Act Office, Department of Education, 400 Maryland Avenue, S.W., Washington, D.C. 20202, concerning this institution's alleged failure to comply with FERPA.

The University has designated certain information contained in the education records of its students as directory information for purposes of the Family Educational Rights and Privacy Act (FERPA).

The following information regarding students is considered directory information: (1) name, (2) address, including e-mail address, (3) telephone number, (4) date and place of birth, (5) major field of study, (6) part-time/full-time enrollment status, (7) participation in officially recognized activities in sports, (8) weight and height of members of athletic teams, (9) dates of attendance (including matriculation and withdrawal dates), (10) academic classification by year, (11) degrees and awards received, (12) the most recent previous educational agency or institution attended by the student, and (13) student's photograph. Indications of religious preference along with names, addresses and telephone number of student's listing in the information are provided to the University Chaplain.

Directory information may be disclosed by this institution for any purpose in its discretion, without the consent of a student. Students have a right, however, to refuse to permit the designation of any or all of the above information as directory information. In that case, this information will not be disclosed except with the consent of a student, or as otherwise allowed by FERPA.

Any student refusing to have any or all of the designated directory information disclosed must file written notification to this effect to the dean of student services during regular business hours. The written notification does not apply retroactively to previous releases of directory information (e.g., once the Student Directory has been published, the directory information contained therein will remain). To prevent publication of directory information in the student Directory, written notification must be filed no later than the second week of classes during the fall semester.

In the event a refusal is not filed, this institution assumes that a student does not object to the release of the directory information designated. Questions or inquiries should be addressed to the Registrar's office.

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## Nondiscrimination Statement

Drury University is an open and welcoming community from a rich variety of cultures, races and socioeconomic backgrounds. The mission and goals of the university dedicate the institution to being a community which 'affirms the equality and worth of all peoples' and appreciates the 'diversity of human culture, language, history and experience'.

Consistent with this policy: It is Drury's policy not to discriminate on the basis of disability, race, color, creed, gender, age, sexual orientation, national or ethnic origin, or veteran status in the recruitment and employment of staff and the operations of any of its programs and activities as required by federal, state and local laws and regulations.

## Statement of Church Relationship

Drury University was founded by Congregationalists and is in covenant as a church-related university with the United Church of Christ and the Christian Church (Disciples of Christ). The university is proud of the heritage and traditions which result from these associations. As a church-related university, Drury has a chaplain, provides voluntary opportunities for worship and is committed to the development of the whole person, including spiritual and ethical development.

Courses and policies listed in this catalog are subject to change through normal channels. New courses, changes in existing course work and new policies are initiated by the appropriate institutional departments, committees or administrators. Policy revisions are normally implemented in the next academic year following notification thereof. However, occasionally a policy must be changed and implemented in the same academic year. The university reserves the right to make changes that seem necessary or advisable, including course cancellations. A curriculum or policy change could be applied to matriculated students and for this reason, this catalog should not be construed as constituting a contract between the university and any person.

To complete degrees, students are expected to meet requirements listed in the catalog which is in effect for the year of the student's admission or readmission to the university. Students must also meet any additional degree requirement of which they have been officially advised.

Information contained in this publication is certified as correct in content and policy as of the date of publication in compliance with the Veterans Administration Circular 20-76-84 and Public Law 94-502.

# Introduction to the University

Drury University was founded to prepare students for successful careers through a liberal arts education. Drury's founders recognized the need for a college which would bring the New England liberal arts tradition to a Midwestern setting. The tradition includes a commitment to helping students learn to serve their communities and the world.

For over 125 years, the mission has remained the same. Students gain the knowledge, experience and skills for graduate school, professional school and careers.

Drury has, however, grown in size and complexity since those early years, adding resources, graduate studies and a number of professional programs to the traditional liberal arts. At the same time, there is an emphasis on excellent teaching, low student faculty ratio, small classes and opportunities for students to engage in individual research.

The hallmark of Drury University is a tradition of excellence which combines effective career preparation with the liberal arts. Those traditions and purposes are set forth in the mission statement:

## Mission

Drury is an independent university, church-related, grounded in the liberal arts tradition and committed to personalized education in a community of scholars who value the arts of teaching and learning.

Education at Drury seeks:

- to cultivate spiritual sensibilities and imaginative faculties as well as ethical insight and critical thought;
- to foster the integration of theoretical and practical knowledge; and
- to liberate persons to participate responsibly in and contribute to life in a global community.

## Goals

To insure that liberal arts knowledge and understanding is central to the Drury experience and fundamental to all programs, the university maintains and strengthens its commitment to:

- develop the abilities of all students to:  
think critically, communicate effectively, empathize, make mature value judgments, exhibit personal and social responsibility and chart a healthy course for life;
- insure that all graduates are familiar with the Western tradition, its history, great ideas and significant artifacts;
- provide students with an opportunity for in-depth study;
- integrate theoretical and applied learning in all programs.

To become a model of a global community in which the best values of the liberal arts and the Judeo-Christian traditions govern, the university is dedicated to:

- providing an environment which affirms the equality and worth of all peoples;
- focusing upon the diversity of human culture, language, history and experience;
- creating a co-curricular environment supportive of development of the whole person intellectually, socially, morally, emotionally, physically and spiritually;
- preparing students for a time of significant global adjustment by strengthening their understanding of science and technology, their perception of the interrelatedness of all things, their appreciation for beauty in nature and the built world, and their love of truth and freedom.

Drury University offers a remarkable variety of programs including day and evening classes; master degrees in business, education, communication, criminology and criminal justice; a five-year professional architectural program; and strong liberal arts preparation for careers in the professions. While offering the academic options and variety which characterize universities, Drury also offers the personal attention, flexibility and supportive atmosphere that characterize a college. Students

have the opportunity to build on personal strengths in preparing for their future of choice. The combination of excellent academic preparation and experiences in internships, labs and studios gives each student a strong foundation on which to build a career. The following are the areas in which majors or minors are offered:

Accounting	English	Music Therapy
Actuarial Science	Environmental Science	Philosophy
Advertising	Environmental Studies	Philosophy/Religion
American Political Studies	Exercise and Sport Science	Physical Education
Architecture	Fine Arts	Physics
Art History	French	Politics and Government
Arts Administration	Geography	Psychology
Biology	German	Public Relations
Broadcast	Global Studies	Religion
Business Administration	History	Secondary Education
Chemistry	International Business	Sociology
CIS/E-Commerce	International Political Studies	Spanish
Computer Science	Journalism	Speech Communication
Criminology	Mathematics	Theatre
Design Art	Medieval Studies	Women's Studies
Economics	Middle East Studies	Writing
Elementary Education	Music	

## The Drury Education

To help students prepare for lives and careers in the 21st century, the faculty has designed a curriculum that gives students opportunities to effectively prepare for their future. We call that curriculum "Global Perspectives."

Our society expects certain things from college graduates. It is the commitment of Drury University, through the Global Perspectives program, to provide students with a degree that meets those expectations. In addition, the Global Perspectives program is designed to provide a context for the academic major which enhances a student's ability to succeed in graduate school, professional school and careers. The combination of a major or majors and Global Perspectives provides an innovative and solid degree on which students can build a satisfying future. In addition, Global Perspectives provides students with a high degree of science and mathematical literacy, essential tools for the 21st century.

Recognizing the growing importance of international understanding in all professions, each student who completes the Global Perspectives program will have a global studies minor.

## Transitions

Drury pays particular attention to the key transitions for students. The Alpha Seminar is designed to help students make a smooth transition into college, develop the skills and understanding that will help them best take advantage of the college experience and complete it with success. The senior seminar or research experience in each major is designed to provide a fitting culmination to the college experience and an effective transition from college to the next phase of the student's life whether it be graduate school, professional school or an immediate career placement.

## Assessment

As part of Drury's commitment to student academic achievement, effective teaching and continuous improvement of the institution, Drury assesses student learning. Periodically all students will participate in surveys and activities designed to measure academic progress in general education and in the major. The information is helpful for advising students and for improving Drury's

## Global Perspectives

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programs, but it is not part of the student's official records. Students should take their participation in these activities seriously, for it is through this information that effective decisions regarding advising and planning can be made.

### Global Perspectives

The Global Perspectives program helps students find personal meaning and vocational success by providing the breadth of understanding and skills needed in rapidly changing global society. The focus on a changing global community makes the student's program of major studies more applicable to the real world and prepares students for living and leading in an ever-smaller global community of distinctive cultures. Global Perspectives conjoins two broad approaches: (1) Scientific Perspectives with its focus on mathematical and scientific literacy, technology and the social sciences and (2) Global Studies with its focus on critical writing, thinking and language skills, diverse cultural heritages and the values questions raised by the challenges and opportunities of our global future. Courses designated 'Global Studies' are interdisciplinary. As an integrated program of courses, Global Perspectives helps students synthesize the perspectives and insights of many disciplines into a coherent understanding of the world, its peoples and future possibilities.

This program is rooted in the liberal arts and thus helps develop the knowledge and skills associated with a bachelor's degree. Students develop their reading, writing and oral communication skills. They extend their abilities to think critically and creatively and to solve problems. They explore values and ethical issues in many ways and develop a deeper awareness of what divides and unite global cultures. This integrated program of study thus prepares students for meaningful and successful lives as persons and professionals.

### Alpha Seminar

The Alpha Seminar is the gateway to Global Perspectives and the Drury experience. The course helps students develop the abilities needed for success in college and in life, including critical thinking, writing and oral communication skills. Alpha Seminar develops an understanding of the American experience by exploring the roots of American traditions in diverse cultures and histories and contemporary expressions of those traditions. Through reading, films and other media, classroom lecture and discussion explore questions of value and meaning in life and work in historical and contemporary America.

### Global Studies Minor

In completing the Global Perspectives curriculum, students gain an integrated understanding of how to live a life of meaning and success in a rapidly shrinking global community, especially as careers increasingly call upon people to understand diverse cultures and international issues. Students develop competency in a second language and understanding of distinctive cultures. Students continue to develop critical thinking, writing and communication skills, in conjunction with creativity, ethical analysis and problem-solving skills. The Global Futures course combines this extensive preparation in the sciences and the humanities as a foundation for examining the challenges and opportunities of the future. The Global Studies minor is the core program aimed at fulfilling Drury's mission of liberating persons to participate responsibly in and contribute to life in a global community.

### Scientific Perspectives

Scientific perspectives courses enhance science and mathematical understanding. By conducting research with an emphasis on real-world topics, students develop an understanding of science, social science, economics, political science and human behavior.

### The Major: Study In-depth

Each student chooses a major. Some choose more than one, based on interests, abilities and future plans. The major helps students prepare for a chosen career path or direction in graduate school. The major allows students time to develop a deeper understanding of a particular area of study. As they

develop that expertise, they have opportunities for internships and research (often in collaboration with faculty). The culminating experience in the major is the senior seminar. Throughout the major, students are encouraged to see connections between Global Perspectives and the major in order to provide a broad context for this study in-depth.

### Senior Seminar

Senior seminars are offered in each major as the culminating experience. The senior seminar represents a point at which the global studies, scientific perspectives and major come together. They represent a time of re-examination and reflection as students bring their liberal arts experience to the work of the major. Each project explores its topic in terms of values implications, historical context and societal significance. The professors in senior seminars help students think about their futures, and make a smooth transition from college to life after college: jobs, graduate school or professional school.

### Honors

The honors program provides an innovative and interdisciplinary curriculum which parallels the general education curriculum meeting the needs of honors students. Students are invited to participate in this program. Completion of the full honors program leads to the bachelor of arts with honors degree. (For more details, see page 170.)

Departmental honors encourage superior, advanced students to do intensive, independent creative work in a field of concentration, usually their major. Successful completion of this program is noted on the diploma. (For more details, see page 35.)

### Special Programs

A vast array of special programs contributes to the intellectual vitality and cultural richness of the campus. Such programs include:

- Biosphere II
- Theme Day Convocation Series
- The Distinguished Concert Series
- The International Studies Program
- The Washington Center and Washington Semester
- The Breech School Lecture and Debate Series
- Writing Center Programs
- Student Honor Society Programs
- Student Union Board Programs

#### Study Abroad Programs

- Drury University Center at Volos, Greece
- Regent's College London Program
- University of Granada, Spain
- Lüneburg University of Applied Sciences, Germany
- Swinburne University of Technology, Australia
- University of Copenhagen, Denmark



# Admission

## Admission Procedures

You will find it very easy to apply for admission to Drury University.

1. Fill out and return the official Drury University application form with a \$25 nonrefundable fee. (Application form available in print or online.)
2. Have your high school office forward an official transcript of all work completed or in progress (at least six semesters of secondary school credit) and all available academic, aptitude and achievement test scores.
3. Have your high school counselor or principal fill out and mail the Drury reference form.
4. Take either the College Entrance Examination Board Scholastic Aptitude Test (SAT) or American College Test (ACT) and request the scores to be sent to Drury University. Ask your high school counselor or principal for the appropriate forms.
5. Complete the required essay as indicated on the Drury University application form or submit a writing sample.

You may obtain the necessary forms by writing: Office of Admission, Drury University, 900 N. Benton Ave., Springfield, Missouri 65802 or by going to our website, [www.drury.edu](http://www.drury.edu).

The faculty council on admission meets regularly and processes applications as they arrive. You will be notified in regard to your admission within a short time. The committee bases its judgment upon all available information about your past academic and personal performance. The more you can provide, the better your probable success as a Drury student can be determined.

The council considers academic courses taken and grades earned, test scores, recommendations from principals and counselors, rank in class, indications of academic interest and growth and development of intellectual skills in its evaluation — and always takes into account the complete story this tells about you.

It is strongly recommended that your transcript show at least four units of English and at least four units each of mathematics (two years of algebra and one year of geometry is required), three units of natural sciences, social studies and two units in a foreign language. Your test scores will be studied for aptitude as well as for achievement. Most students at Drury rank in the upper third of their high school class and have college aptitude test scores which are well above average for college-bound high school seniors.

No person is excluded from admission to Drury or otherwise treated differently on the basis of disability, race, color, creed, gender, age, sexual orientation, national or ethnic origin, veteran status or any legally protected factor which Drury can reasonably accommodate without undue hardship and which does not create a direct threat to the person or other person.

## Advance Deposits

Admission to Drury is selective and the number of new students, freshmen and transfers admitted each year is limited. A freshman or transfer student must remit an advance deposit after acceptance by the university. A student planning to live in a Drury residence hall is required to remit a \$200 deposit; commuter students \$100. The additional \$100 from residence hall students is set aside in a special escrow account to cover dormitory damages and key losses. It is refundable when an enrolled student leaves Drury (exclusive of damages or key charges accrued against the escrow account). The advance tuition deposit is not refundable after May 1 for fall semester entrance and Dec. 15 for spring semester entrance. The housing deposit is not refundable after June 1 for the fall semester or December 15 for the spring semester. The deadline may be extended if the applicant requests such an extension from the office of admission.

## Health Examination

A confidential health examination form will be mailed to the student. It must be completed by a physician and returned to the office of admission prior to enrollment.

## Transfer Student Policy

Drury University maintains a policy that a student from an accredited college may apply for admission as a transfer student. The student should be in good standing with the previous college attended and eligible to return to that college.

In addition to the required application (and essay), the transfer applicant is required to submit:

1. Transcripts from each college previously attended.
2. A secondary school record.
3. ACT or SAT scores if the student has completed less than 30 semester hours of college work.
4. If an associate of arts degree recipient, a statement from the registrar of the college from which he or she was graduated stating: (a) degree and (b) type of academic program completed.

Credit for courses equivalent to those at Drury University may be transferred if the student has obtained a C or better in the course and then only if the course is applicable to the degree to which it is applied at Drury. Applicants from colleges not regionally accredited, but state university or state approved, may be accepted after a year of successful completion of academic work at Drury University.

Statements concerning the possibility of transfer and the applicability of specific credit toward any of the degree programs at Drury University are made after thorough study of the official credentials. Transfer students receive an official written evaluation.

To be eligible for graduation, transfer students must complete at least the senior year; the last 30 semester hours (60 hours for bachelor of architecture), in residence.

Those students who have obtained an associate of arts degree from an accredited two year college in a parallel academic program with the bachelor's program at an accredited four-year institution will be entered with junior year status into the AB program.

Any student who has previously attended another institution of higher education but fails to include such information in the application for admission to Drury University thereby forfeits the right to be a Drury student.

While a student is working toward a degree at Drury University, prior approval is required before enrolling at any other institution for any course work for which the student would like to receive transfer credit.

## Dual Enrollment

Drury University offers dual credit courses to junior and senior level high school students in selected high schools. Students receive both high school and college level credit simultaneously.

Dual enrollment students are subject to all relevant policies and procedures applicable to Drury University students. These include policies regarding change of schedule, drop/add, grading and scholastic action. Coursework is applicable to Drury degrees in the same manner as native credit.

Drury also accepts dual credit courses in transfer when they are presented on official transcripts from other regionally accredited institutions. Grades must be C or better. Drury does not limit the number of credits that can be earned in dual credit programs and treats coursework earned in dual credit programs the same as credit earned on a college or university campus.

## Readmission

If a student does not attend Drury for a semester or withdraws from Drury during a semester, he or she thereby ceases to be a Drury student. In order to enroll again at Drury, such a student must apply and be accepted. Applications should be addressed to the office of admission. Final decisions regarding admission cannot be made until the office of admission has reviewed transcripts of all college course work attempted since the student last attended Drury and such other information as the faculty admission council may specifically request that the student provide.

Students who are readmitted to Drury will be required to meet the requirements of the current university catalog.

# Admission

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## International Student Admission

### The F-1 Student Visa

The recommended deadline for admission is April 1 for the fall semester (begins in August) and November 1 for the spring semester (January).

To enroll in a U.S. university, international students must be admitted as full-time students. Students who are accepted to the university are issued a Form I-20, the government Certificate of Eligibility for Non-Immigrant Student Status. This document, the letter of acceptance and complete documentation of financial resources are then presented to the U.S. Embassy in the student's home country in application for an F-1 student visa.

International students who seek to transfer from a U.S. college or university and already have F-1 student visa status are granted a new I-20 if admitted and the form is sent to the United States Department of Homeland Security (DHS) by the Drury International Student Office indicating the student has changed schools.

Students who plan to study in the U.S.A. for one semester or year must still complete all admission requirements and schedule an interview with the U.S. Embassy to secure an F-1 student visa. Visiting students are issued the I-20 with remarks indicating the specified length of study and non-degree status.

Any student currently in the U.S.A. who wants to change from a tourist or other visa to a student visa, or a student who has lost F-1 student visa status for not maintaining full time enrollment or for any other reason, must apply to DHS for reinstatement of their student visa status after gaining admission but before enrolling in the university.

### Requirements for Admission:

- 1) Complete the international student application for admission (available in print or online)
- 2) Submit a writing sample of your choice or write a response to the essay topic on the application.
- 3) Submit secondary (high school) records:
  - a. Transcript of courses with grades/marks; documentation of graduation or completion; examination results. (With English translations as applicable.)
  - b. Students with British system O level examinations must present a minimum of 5 passes with credit. A levels may earn credit toward the bachelor's degree.
  - c. To meet admission deadlines, students who apply before completing the final term of secondary school are admitted contingent upon satisfactory completion of secondary school.
- 4) Letters of recommendation are encouraged but not required unless specified by the admission office.
- 5) Document sufficient financial resources to cover all costs (submit the following):
  - a. Statement of Financial Support (part of the application for admission) stating how tuition and fees will be paid;
  - b. Original, current bank statements stating balance of accounts; and
  - c. Letter from sponsor(s), if other than parent, confirming amount of sponsorship and conditions of sponsorship.

DHS requires that applicants document all sources of funding before the university can issue the form I-20. The U. S. Government and Drury want students to be well informed and well prepared to cover expenses before applying for admission and entering the U.S. All financial documents are verified for authenticity.

- 6) English Proficiency
  - a. Minimum Test of English as a Foreign Language (TOEFL) score of 197 (computer-based test) or 530 (paper-based test).
  - b. Students who score below 530 (paper-based) or 197 (computer-based) but above 480 (paper-based) or 157 (computer-based) or do not submit TOEFL scores may be admitted conditionally. Possible placement in English for Academic Purposes (EAP) courses is determined by an English language assessment and advising during new student orientation prior to the beginning of each semester. Students receive degree credit for EAP courses.
  - c. A minimum score of 980 (500 Verbal) on the Scholastic Aptitude Test (SAT) or 21 composite on the American College Test (ACT) is required instead of TOEFL for students from Australia, Canada, New Zealand and United Kingdom. SAT or ACT scores are optional for all others.

However, if available, students are requested to submit them. Scores of 1150 SAT or 24 ACT and above qualify for an academic scholarship.

d. ELS Language Centers: Level 109

e. University of Cambridge International English Language Testing System (IELTS): 6.0

f. British System A levels (qualifies for academic credit): minimum grade of C in English.

g. Students who transfer 30 credit hours or more from a U.S. college or university where primary instruction is in English.

### International Transfer Student Admission:

- a. Complete all admission requirements above.
- b. Submit official copies of all college, university transcripts.

For students transferring from universities outside the U.S.A. include:

- English translation and information about the university such as verification of recognition by the national ministry of education, number of weeks that constitute a semester or term of study, number of contact or class hours per week for each class.
- Course descriptions/syllabi for each class. Without adequate course descriptions, no transfer credit can be granted.

### Scholarships for International Students

Students who are not citizens of the United States or its possessions are not eligible to apply for need-based financial assistance funded by the U.S. government. Drury does not offer need-based institutional assistance or loans. Limited partial scholarships are awarded on a selective basis. Criteria include outstanding academic achievement, leadership and/or 1150 SAT and above, 24 ACT and above. The deadline to be considered for academic scholarships is April 1. Students who demonstrate exceptional talent in art, athletics, music and theatre and agree to participate at Drury may be awarded competitive activity grants by departments or coaches. Most activity grant deadlines are in February (see page 46 of this catalog and the Drury international scholarship brochure or the university website for more details).

### English for Academic Purposes (EAP)

Drury University offers nonnative speakers of English flexible but vigorous language training throughout the year. Students enrolled in EAP courses may receive degree credit. Conditional admission to the degree program is offered (see requirements for international student admission on page 18.)

EAP courses are open to anyone aged 17 or older, except those who have never studied the English language and who speak no English. The university requests that students submit scores from the Test of English as a Foreign Language (TOEFL) if available for placement purposes. Enrollment in EAP requires a paper-based TOEFL score of 480 or higher and is limited to a maximum of one year of enrollment. Other standardized tests will be considered. An English placement test is administered during orientation to determine level of study prior to registration.

For more information about English for Academic Purposes courses, contact the English department, (417) 873-6928.

### Advanced Placement

In certain subjects, candidates who have completed advanced work in high school may apply for advanced placement at Drury. Candidates interested in advanced placement are urged to take the Advanced Placement Tests given by the College Entrance Examination Board in the spring of the senior year. College credit, in addition to advanced placement, may be given if the test scores merit it as determined by the dean and the department chair concerned.

Further information may be obtained by consulting the Advanced Placement booklet in the high school counseling office, or by contacting the director of admission.

### CLEP -- Computer-Based Testing

Drury University participates in the Computer-Based Examination Program. Credit is awarded for completion of CLEP general and subject examinations.

## Admission

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To receive credit, students must complete the general examinations prior to completion of 30 semester hours of university work. The university will not recognize or award CLEP test credits when current or previous coursework overlaps with the subject of the CLEP test(s). Scaled scores which result in six hours credit for each general exam (total possible credits, 30 hours) are as follows:

English Composition (with or without essay)	50	A student receiving credit for this exam should not enroll for ENGL 150.
Humanities	50	
College Mathematics	50	A student receiving credit for this exam cannot claim credit for MATH 100 or 101.
Natural Sciences	50	A student receiving credit for this exam cannot claim credit for BIOL 110, PHYS 100, PHYS 110 or PHYS 111. The test award does not meet a degree requirement.
Social Sciences & History	50	

Each student submitting a CLEP score will be notified of credit awarded. No partial credit is awarded.

CLEP subject examinations may be completed at any time prior to attaining senior classification if a student has not previously completed a college level course equal to or more advanced in the subject of the examination. Because not all subject exams offered are appropriate to Drury degree programs, an agreement that a subject exam will be undertaken must be made with the concerned department chair and a prior determination made as to how completion of the exam will apply toward fulfilling degree requirements. Subject exams approved for credit must have a test score equal to or greater than 50.

## International Baccalaureate

Drury University affirms the intellectual rigor of the International Baccalaureate diploma program in distinct and tangible ways. The program's depth and breadth of focus, commitment to serious scholarship, and global perspective mirrors the values central to the mission of Drury University.

In recognition of the challenging character of the IB Diploma program, successful baccalaureate recipients will receive college credit according to the following guidelines.

Score	Minimum Credit Hours
28	30 credit hours
27	25 credit hours
26	20 credit hours
25	15 credit hours
24	10 credit hours

Credit will initially be awarded as elective credit, with specific course equivalents designated in consultation with department chairs and university registrar. In most cases, a mark of 4 (HL) or 5 (SL) on a subject area test will warrant credit for specific equivalencies.

For those not completing the Diploma program, credit may still be awarded for satisfactory scores on individual subject tests.

## Registration

Registration at Drury is a cooperative affair: first year students register under the guidance of their Alpha faculty mentors. Registration is conducted both on the Drury University website and in-house. Current students register in April for the following summer and fall. They register in November for the winter term and spring semester. Special registrations are held for transfer and international students.

To be classified as a freshman, you must meet the entrance requirements. To become a sophomore, you must have earned 30 semester hours with a C average; to be classified a junior, you must have 60 semester hours with a C average; and as a senior, 90 semester hours with a C average.

Before you are entitled to attend class, you must complete all registration procedures. This

includes the filing of your health examination form.

The normal load for all students is 14 to 16 hours each semester; however, if you are registered for as few as 12 hours, you will be considered a full-time student. All work for which you are registered counts as a part of your course load.

A change in your registration can only be made by filing an official drop and add form in the office of the registrar. If you wish to drop a class, it is important that the drop and add form be filed with the registrar as soon as this decision is made. Failure to officially drop a class you are not attending will result in a grade of F for the course. Failure to officially add a class you are attending will result in no credit. Responsibility for drop and add belongs solely to the student. A verbal indication of intent to drop given to either a faculty member or to the registrar's office is insufficient; the correct drop and add form must be signed by your advisor and by the instructors concerned. You cannot add a course after the second full week of classes. You may drop classes without receiving a grade until the sixth week of classes. After the sixth full week of classes, any course dropped will receive a grade of DP (drop passing) or DF (drop failing). You cannot drop a course during the last two weeks of the semester. See the academic calendar on pages 259-260 for specific dates to add and drop classes.

Registration for more than 17 credit hours (13 during the summer session) is considered an academic overload. Students who wish to enroll for more than 17 semester hours (13 in summer) should have had a grade average of 3.0 or higher in the preceding semester and must obtain the approval of their academic advisor. Students with a grade average below 3.0 must obtain further approval from the dean of the college. Registration for more than 21 hours (16 in summer) is considered an excessive overload and will require prior approval by the academic affairs committee. Credit hour overloads are not allowed during the May term or winter term. No more than three semester hours can be earned in either of these short terms.

Credit cannot be given for a course for which you are not officially registered, nor can credit be claimed more than once for the same course unless the course is designated as one that can be repeated.

Students are not admitted to the university for purposes of earning academic credit after the second full week of classes.

### Orientation

The purpose of orientation at Drury University is to provide students with a variety of experiences that support them in their transition to Drury. For first year students entering in the fall semester, orientation is required. During these four days, students begin their Alpha Seminar class, attend convocation, meet a variety of students and acquaint themselves with all of the resources on campus that exist to help students succeed at Drury. First year students who enter during the spring semester have a one-day orientation and are often encouraged to attend orientation during the fall semester. International students are provided with additional orientation activities for the entire week prior to the first day of classes each semester. Transfer students have a one-day orientation in the fall and the spring on the day prior to the start of classes.

# Academic Affairs

## Degrees:

- |                                      |   |
|--------------------------------------|---|
| Bachelor of Arts                     | Master of Arts in Communication**       |
| Bachelor of Arts with Honors         | Master of Science in Criminal Justice** |
| Bachelor of Architecture             | Master of Arts in Criminology**         |
| Bachelor of Architecture with Honors | Master in Education**                   |
| Bachelor of Music Education          | Master in Business Administration**     |
| Bachelor of Music Therapy            |   |
| Associate of Science*                |   |
| Bachelor of General Studies*         |   |
| Bachelor of Science*                 |   |

**The responsibility for understanding and meeting graduation requirements rests entirely with the student.**

Each degree (A.B., B.S., B. Arch., A.S., etc.) can be earned only once. After graduation, a student may add the equivalent of an additional major or a concentration area but a previously earned degree will not be conferred a second time.

\* Available through the College of Graduate and Continuing Studies only. Degree programs are described in the undergraduate catalog for the College of Graduate and Continuing Studies.

\*\* Degree programs are described in the graduate catalog of the College of Graduate and Continuing Studies.

## Bachelor of Arts

Accounting	Elementary Education <sup>+++</sup>	Middle East Studies +
Actuarial Science <sup>+</sup>	English	Music
Advertising	Environmental Science <sup>++</sup>	Philosophy
American Political Studies	Environmental Studies <sup>++</sup>	Philosophy/Religion
Art History	Exercise and Sport Science	Physical Education
Arts Administration	Fine Arts	Physics
Biology	French	Politics and Government
Broadcast	Geography <sup>+</sup>	Psychology
Business Administration	German	Public Relations
Chemistry	Global Studies <sup>+</sup>	Religion
Communication <sup>+</sup>	History	Secondary Education <sup>++ +++</sup>
CIS/E-Commerce	International Business	Sociology
Computer Science	International Political Studies	Spanish
Criminology	Journalism	Speech Communication
Design Art	Mathematics	Theatre
Economics	Medieval Studies <sup>+</sup>	Women's Studies <sup>+</sup>
		Writing

Bachelor of Architecture

Bachelor of Music Education  
Vocal or Instrumental Music

Bachelor of Music Therapy

+ Only a minor is possible

++ Available as a second major only

+++ Completion of these majors may require that a portion of the academic work be completed during evening hours.

## Requirements for Graduation

Bachelor of Arts, Bachelor of Arts with Honors, Bachelor of Architecture, Bachelor of Music Education, and Bachelor of Music Therapy

To be recommended for one of the degrees listed above, a candidate must satisfy the following conditions:

1. The successful completion of a minimum of 124 (169 hours for bachelor of architecture) semester hours of credit.
2. At the time of graduation the average cumulative grade must be at least C (2.0).
3. The successful completion of the Global Perspectives requirements. (The bachelor of music education has a unique interdisciplinary core which is listed on page 189.)
4. The successful completion of a major (study-in-depth).
  - A. A student shall be required to complete at least 24 but no more than 36 hours in a major field of study (discipline), as the department requires (with the exception of the bachelor of architecture, and certain interdisciplinary programs).
  - B. The major shall require not less than three nor more than six semester hours of senior seminar or research.
  - C. The major must be approved by the faculty advisor and the declaration of major(s) and minor(s) must be filed in the registrar's office prior to registration for the first semester of the junior year.
  - D. Students may complete multiple majors and minors. Courses may be taken that are common to and included in the hours required for multiple majors and minors, as long as a minimum number of hours is completed in the combined areas. The minimum number of required unique hours for multiple majors and minors shall be the sum of the university minimum required hours (24 for majors, 15 for minors) for the combined majors and minors, minus three hours times the number of majors/minors. The Global Perspectives minor is not included in these calculations. For example: a double major requires a minimum of 42 unique hours, a triple major requires a minimum of 63 unique hours; a double major plus a minor requires a minimum of 54 unique hours; a single major plus a double minor requires a minimum of 45 unique hours.  
Any number of courses may overlap and any course may be used any number of times, as long as the student completes the minimum required number of unique hours.
5. At least 36 hours of the total number of hours required for graduation must be in upper division courses (courses numbered in the 300s and 400s).
6. The last 30 semester hours must be taken in residence. (The last 60 hours for the bachelor of architecture must be in residence.)
7. All candidates for degrees are expected to be present at the commencement exercises. To participate in commencement exercises, students must have completed all degree requirements. (Requests for degrees to be granted "in absentia" must be approved by the registrar.) No student will be graduated who has any unsettled accounts with the university.

## Global Perspectives Requirements

Within Global Perspectives are two connected themes, mutually supportive, which contribute to the complete preparation of students: Global Studies and Scientific Perspectives. Students should think of these requirements as related to and providing a context for their majors.

### Alpha Seminar

- **GLST 101, 102 Alpha Seminar: The American Experience**  
(3 hours each semester ..... 6 Semester Hours

### Global Studies

- **History of Western Cultures** ..... 6 Semester Hours  
(two courses, one from Group A and one from Group B)



# Academic Affairs

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**Group A - Ideas and Events of Western History ..... 3 Semester Hours**

Select one course from the list below:

ARCH 456	Culture and Place: The Greek Legacy
ENGL 215	Humanities I
ENGL 216	Humanities II
ENGL 290	American Fifties
ENGL 290	Wild Literature
FREN 302	French Culture and Civilization
GERM 390	Germany In/And Europe
GLST 456	Culture and Place: The Greek Legacy
HIST 101	Survey of United States History I
HIST 102	Survey of United States History II
HIST 103	Western Civilization I (to 1550 C.E.)
HIST 104	Western Civilization II (1550 C.E. - Present)
HIST 220	Survey of Ancient Civilization
HIST 223	Survey of Medieval Civilization
HIST 225	Renaissance and Reformation
HIST 245	Survey of Modern European History
HIST 251	Slavery in Human History
HIST 283	American Social and Political Thought
HIST 290	Gunfighter Nation
HIST 290	Queen Elizabeth I: Fact or Fiction
HIST 290	Understanding the Holocaust
HIST 321	Women in European History
HIST 382	History of Witch-hunts and Persecution
HIST 390	History of Totalitarianism
HIST 390	Reading the City: St Petersburg in Russian History and Culture
PHIL 290	Philosophy of Language
PHIL 302	History of Philosophy: Modern
PHIL 306	History of Ancient Philosophy
PHIL 307	History of Medieval Philosophy
PHIL 308	History of Women Philosophers
PHIL 377	History and Philosophy of Science
PLSC 283	American Social and Political Thought
PLSC 390	History of Totalitarianism
PSYC 390	The Mind-Body Problem
RELG 202	Religions of the World: Middle-East
RELG 204	History of Christianity
RELG 306	History of Ancient Philosophy
RELG 307	History of Medieval Philosophy
RELG 308	History of Women Philosophers
RELG 390	Does God Exist?
RELG 390	Marriage, Sex & Violence/Biblical Prophets
RELG 390	The Spiritual Life
RELG 390	Topics in Religion: From Babylon to Berlin
RELG 390	Who is Jesus?
WMST 290	History of Women in the U.S.
WMST 290	Queen Elizabeth I: Fact or Fiction
WMST 290	Torture & Treachery: Hunt for Witches in Early Modern Europe
WMST 390	Marriage, Sex & Violence/Biblical Prophets
WMST 390	Topics in Religion: From Babylon to Berlin

**Group B - Artifacts of Western Culture ..... 3 Semester Hours**

Select one course from the list below:

ARCH 151	History of Art and Architecture I
ARCH 152	History of Art and Architecture II
ARCH 344	History of Modern Art and Architecture
ARTS 151	History of Art and Architecture I
ARTS 152	History of Art and Architecture II
ARTS 344	History of Modern Art and Architecture
ARTS 359	The Printed Book as Art and Artifact, 1450-1850

ENGL 212	Comparative Mythology
ENGL 221	Literature of the Middle Ages and Renaissance
ENGL 222	Literature of the Neoclassical and Romantic Ages
ENGL 223	Literature of the Victorian and Modern Ages
ENGL 224	American Literature and Culture I: Colonial to 1865
ENGL 225	American Literature and Culture II: 1865 to Present
ENGL 282	Classical and Biblical Literature
ENGL 290	Adolescent in American Literature
ENGL 330	Dangerous Liaisons: French Literature in Translation
ENGL 340	History of Theatre: Origins to Renaissance
ENGL 341	History of Theatre: Renaissance to Romanticism
ENGL 343	History of Theatre: Realism to Contemporary
ENGL 390	The Bildungsroman of the Western World
ENGL 390	The Classical World in Contemporary Texts
FREN 330	Dangerous Liaisons: French Literature in Translation
FREN 351	Introduction to French Literature I
FREN 352	Introduction to French Literature II
FREN 465	Genre Studies: French Drama
GERM 323	Major German Authors
GERM 324	Major German Authors
GERM 390	From the Trümmer: Rebuilding German After WWII
GLST 239	Literature, Philosophy and the Arts I
GLST 240	Literature, Philosophy and the Arts II
GLST 390	Medieval Philosophy & Gothic Cathedrals
HIST 322	Film and History: Joan of Arc
LIBR 359	The Printed Book as Art and Artifact, 1450-1850
MUSC 115	Introduction to Western Music
MUSC 321	History of Music I
MUSC 322	History of Music II
PHIL 109	Introduction to the Study of Religion
PHIL 390	Medieval Philosophy and Gothic Cathedrals
PHIL 390	Sci-Fi/Cy-Phi
RELG 109	Introduction to the Study of Religion
RELG 203	Introduction to the Bible
RELG 390	Religion and the Quest for Meaning
RELG 390	Sci-Fi/Cy-Phi
SPAN 390	These Are Not Sweet Girls: Hispanic Women's Literature
THTR 135	Theatre: The Lively Art
THTR 340	History of Theatre: Origins to Renaissance
THTR 341	History of Theatre: Renaissance to Romanticism
THTR 343	History of Theatre: Realism to Contemporary
WMST 390	Religion and the Quest for Meaning
WMST 390	These Are Not Sweet Girls: Hispanic Women's Literature

• **Foreign Language ..... 6-8 Semester Hours**

Students are required to complete a two-semester language sequence [either at the elementary level (101 and 102 in French, German, Spanish, Greek, or Hebrew or 103 and 104 in Biblical Greek) or at the intermediate level (201 and 202) or higher]. All credit hours taken in fulfillment of the requirement must be in the **same foreign language**. Students participating in a Drury University sponsored or other approved international travel course can replace the second semester of language by enrolling in International Language Study (3 hours). For course descriptions, please consult the individual language listings or page 180.

Students whose native language is not English may be exempted from taking additional foreign language studies at Drury University if they meet any of the following criteria:

- Students who have had previous experience with a foreign language may be able to fulfill the requirement by demonstrating proficiency on the placement/proficiency tests offered by the department of languages. These tests may be taken during the summer registration or during the new student orientation period. Students who are not native

# Academic Affairs

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speakers of English may fulfill the requirement by scoring 530 or higher (paper-based) or 197 or higher (computer-based) on the Test of English as a Foreign Language (TOEFL).

b. Students may choose to take the ACT or SAT and their composite score on either of these tests qualifies them for full admission to Drury.

c. ELS Language Centers: Level 109

d. University of Cambridge International English Language Testing System (IELTS): 6.0

e. British System A levels (qualifies for academic credit): minimum grade of C in English.

f. Students who transfer 30 credit hours or more from a U.S. college or university where primary instruction was in English.

• **GLST 201 Global Awareness and Cultural Diversity ..... 3 Semester Hours**

• **Minorities and Indigenous Cultures ..... 3 Semester Hours**

At least one three semester hour course to be selected from the list below. Students should take GLST 201 prior to fulfilling the Minorities and Indigenous Cultures requirement.

ARCH 352	Native American Architecture
ARCH 365	Islamic Art and Architecture
ARCH 426	Travel Journal: Mediterranean Cultures
ARTS 347	Native Arts and Cultures
ARTS 352	Native American Architecture
ARTS 365	Islamic Art and Architecture
BIOL 390	Natural and Cultural History of the Amazon
BIOL 390	Romania: More Than Just Dracula
ENGL 317	African-American Literature
ENGL 339	Asian-American Literature
ENGL 390	Journey Through the Labyrinth
FREN 390	Intensive French Language and Culture
GLST 381	Cultures of the Hispanic World: Venezuela
GLST 390	Egypt and the Third World
GLST 426	Travel Journal: Mediterranean Cultures
HIST 325	Gender and Culture: East Asia
HIST 334	Russia and the Eurasian Republics
HIST 344	Modern Africa: Continuity and Change
HIST 346	History of Modern China
HIST 347	History of Modern Japan
HIST 360	Islam and Politics in the Modern Middle East
HIST 374	Social History of India
HIST 375	Arab/Israeli Conflict
HIST 385	Third World Conflicts
HIST 390	From Sleeping Dragon to Roaring Tiger
HIST 390	Islam and the West
HIST 390	Japanese Culture & Society: From Chrysanthemum to Pokemon
HIST 390	Women in Eastern Societies
MUSC 314	African-American Music
PHIL 290	Buddhism and the Joy of Being Awake
PHIL 290	Judaism
PHIL 390	Contemporary Tibet
PLSC 341	Homosexuality and Civil Liberties
PLSC 344	Modern Africa: Continuity and Change
PLSC 360	Islam and Politics in the Modern Middle East
PLSC 365	Egypt and the Third World
PLSC 370	Women and Politics
PLSC 375	Arab/Israeli Conflict
PLSC 385	Third World Conflicts
PLSC 390	Homosexuality and Civil Liberties
PLSC 390	Islam and the West
RELG 290	African-American Religious Experience
RELG 290	Buddhism and the Joy of Being Awake
RELG 290	Judaism
RELG 390	Contemporary Tibet

SOCI 316	Minority Groups
SOCI 341	Homosexuality and Civil Liberties
SOCI 351	Cultures of the Middle East
SOCI 355	Islam and Women
SOCI 354	Native American Cultures
SPAN 303	Culture of Spanish America
SPAN 390	Journey Through the Labyrinth
WMST 370	Women and Politics
WMST 390	Homosexuality and Civil Liberties
WMST 390	Images of Women: Italy
WNTR 116	Asian Cultures Trip

• **Values Inquiry** ..... **3 Semester Hours**

Three semester hours to be selected from the list below:

CRIM 341	Justice and Punishment
ENGL 290	Questions of Values in American Literature
ENGL 342	Shakespeare and Ethics
ENVR 320	Environmental Ethics
GLST 290	Questions of Values in American Literature
PHIL 210	Values Analysis
PHIL 290	Business Ethics
PHIL 305	Ethical Issues in Health Care
PHIL 309	Christian Ethics
PHIL 320	Environmental Ethics
RELG 305	Ethical Issues in Health Care
RELG 309	Christian Ethics

• **Creativity Explored** ..... **6 Semester Hours**

Six semester hours to be selected from the list below and taken from at least two departments:

ARCH 111	Foundations of Design
ARCH 112	Architectural Design II
ARCH 190	Architecture and the Liberal Arts
ARCH 362	Digital Imagery
ARTS 111	Foundations of Design
ARTS 123	Drawing
ARTS 200	The Figure
ARTS 203	Graphic Design I
ARTS 215	Ceramics I
ARTS 220	Printmaking
ARTS 230	Painting I
ARTS 240	Weaving I
ARTS 260	Photography I
ARTS 290	Stained Glass
ARTS 290	Watercolor
ARTS 290	Wild Drawing
ARTS 362	Digital Imagery
ARTS 375	Field Studies in Studio Art
ARTS 390	Sculpture
ARTS 390	Summer Studio: Florence, Italy
COMM 161-164	Publication Activities (1 hour each)
COMM 171-174	Broadcast Activities (1 hour each)
COMM 181-184	Journalism Activities (1 hour each)
COMM 203	Graphic Design I
COMM 207	Expository Writing: Art of the Essay
COMM 211	The Art of Human Communication
COMM 283	Oral Interpretation
COMM 370	Creative Writing I-Fiction
COMM 371	Creative Writing II-Poetry
COMM 373, 374	Advanced Broadcast Activities (2 hours each)
COMM 376	Creative Writing II
ENGL 207	Expository Writing: Art of the Essay

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ENGL336	Image/Text
ENGL.370	Creative Writing I-Fiction
ENGL 371	Creative Writing II-Poetry
ENGL373	Creative Writing - Nonfiction
ENGL376	Creative Writing II
MUSC 127-128	Percussion Ensemble
MUSC 137-138	Jazz Ensemble I
MUSC 139-140	Concert Band
MUSC 141-142	Jazz Ensemble II
MUSC 147-148	Drury Singers
MUSC 149-150	Concert Choir
MUSC 151	Opera Workshop
MUSC 159-160	College Orchestra
MUSC 390	Intermedia Performance
MUSB	Applied Music - Brass, Percussion
MUSO	Applied Music-Organ
MUSP	Applied Music-Piano
MUSS	Applied Music-Strings, Guitar
MUSV	Applied Music-Voice
MUSW	Applied Music-Woodwinds
THTR 140	Acting I
THTR 180	Comic Performance
THTR 282	Acting II
THTR 283	Oral Interpretation
THTR 320	Play Direction
THTR 354	Writing for Stage and Screen
THTR 361	Costume Design
THTR 365	Scene Design
THTR 366	Stage Lighting
THTR 382	Acting II
THTR 390	Intermedia Performance

• **GLST 301 Global Futures** ..... **3 Semester Hours**

• **Scientific Perspectives**

**Mathematics** ..... **3 or 7 Semester Hours**

This Global Perspectives requirement may be met either by:

**MATH 203 Mathematics and Inquiry** (3 semester hours)

OR

**MATH 231 Calculus I** (4 semester hours) **and** a qualifying statistics course (3 semester hours).

The statistics courses that qualify are:

**MATH 227 Introduction to Statistics** (3 semester hours)

**MATH 327 Mathematical Statistics** (3 semester hours)

**MATH/EXSP 228 Applied Statistics in Exercise and Sport Science** (3 semester hours)

**COMM/CRIM/PLSC/PSYC/SOCI 275 Statistics for the Behavioral Sciences**

(3 semester hours)

\*Certain majors and/or special programs require MATH 231 and 227; or MATH/EXSP 228, therefore students completing those majors are not required to take MATH 203.

**NSCI 251 Science and Inquiry** (must follow mathematics) ..... **6 or 8 Semester Hours**

Students take either NSCI 251 Science and Inquiry (6 semester hours) or any two of the following (must be from two different departments):

BIOL 110 Fundamentals of Cell Biology (4 semester hours), CHEM 107 General Chemistry (4 semester hours), PHYS 201 Principles of Physics\* (4 semester hours) and PHYS 211 General Physics (5 semester hours).

*\*PHYS 201 will not satisfy the requirement for biology, chemistry or physics majors.*

**NSCI 361 Undergraduate Research Experience** ..... **3 Semester Hours**  
(prerequisite: NSCI 251)

Undergraduate Research NSCI 361 is a three-hour culminating course. Teams of students work on projects to solve problems in natural science, which require them to collect empirical data using the methods of science. Students write up their research results in the form of a scientific publication and present their work in a campus-wide science poster session. Students take either NSCI 361 Undergraduate Research Experience or a total of 3 hours of research in science and mathematics: BIOL 391, BIOL 392, BIOL 491, BIOL 492; CHEM 391, CHEM 392, CHEM 491, CHEM 492; PHYS 391, PHYS 392, PHYS 491, PHYS 492; MATH 391, MATH 392, MATH 491, MATH 492. Students can also satisfy the NSCI graduation requirement by taking EXSP 493, PSYC 361 or GEOG 361.

- **Human Behavior** ..... **3 Semester Hours**
  - CRIM 102 Introduction to Criminology
  - ENGL 205 Introduction to Linguistics
  - PSYC 101 Introduction to Psychology
  - SOCI 101 Introduction to Sociology
  - SOCI 111 Introduction to Anthropology
  
- **Political Science and Economics** ..... **3-4 Semester Hours**
  - ECON 201 Basic Economic Theory
  - PLSC 101 Government and Politics in the U.S.
  - PLSC 151 Introduction to Comparative Politics
  - PLSC 252 Introduction to International Relations
  - HNRS 390 Freedom & Rules: Markets and Politics from the Invisible Hand to the Handout
  
- **Health and Well-Being** ..... **3 Semester Hours**
  - EXSP 220 Fitness for Life (2 semester hours)
  - EXSP Activity Class or Varsity Participation (1 semester hour)

(courses which meet the activity requirement are listed under "Activity Courses" on page 146. Students are encouraged to enroll for EXSP 220 and/or Activity class during their freshman year.)

**Senior Seminar or Research**

Each major requires a senior seminar or research and the work in that is also considered part of the Global Perspectives program; the hours will count as part of the major and do not add to the number of hours in the Global Perspectives program. It is important for students to keep in mind the connections between the Global Perspectives program and the major.

**Minimum Total Hours - Global Perspectives Program** ..... **57-60 Semester Hours**

Under special circumstances, if a student wishes to substitute a course not already approved for the Global Perspectives curriculum, he or she must petition the Global Perspectives Committee for approval.

**Pre-professional Programs**

Students wishing to transfer credit from professional schools toward their senior residence requirement at Drury are advised that they should plan their educational program at Drury so that they have completed all of the following minimum requirements before transferring to the professional school:

1. The successful completion of 94 semester hours with a minimum grade point average of C (2.0) in all work at Drury University.
2. The successful completion of the Global Perspectives Program.
3. At least 18 semester hours must be in upper division courses.
4. The successful completion of core requirements in the specified area of concentration to enable the department head to certify satisfactory completion of a major.
5. A student must submit a petition, addressed to the academic affairs committee, which outlines the successful completion of the above requirements and requests the committee to waive the senior residence requirement. The petition must be submitted and approved during

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the last semester in residence at Drury.

6. Upon successful completion of the professional school program, a transfer of credit award will be made to complete the 124 hours required for the bachelor's degree. An official transcript is to be provided from the professional school.

### Writing Enhancement Program

Drury's general education program is designed to enhance students' abilities to write clearly and elegantly and to acquire strong research skills. Specifically, the course requirements take a developmental approach:

1. First Year: The year long Alpha Seminar required of all freshmen offers students substantial training in composition. The course introduces students to the idea of writing as a mode of learning, emphasizing students' need to understand their own writing processes, to develop analytical skills, to conduct independent research, to revise their writing and to proofread effectively. Over the course of the year, students produce 40-50 pages of formal writing.
2. Sophomore level: Student take two courses as sophomores -- Global Awareness & Culture Diversity and Values Inquiry. Both focus on improving students' abilities to write about subjects from multiple perspectives.
3. Junior level: Students take Global Futures in their third year, where they are required to write about subjects that integrate their learning throughout the general education program.
4. Senior level: Most departments require a capstone course where students are expected to demonstrate the ability to write in their discipline.
5. Students may also take ENGL207 Expository Writing or ENGL370 Creative Writing in partial fulfillment of the Creativity Explored requirement.

The writing of Drury students is evaluated both internally and externally to ensure that the program successfully produces students who can write well.

To assist students with their writing, the university has a drop-in Writing Center staffed by Drury students and faculty. The Writing Center also offers writing seminars to help faculty stay abreast of developments in composition studies.

The Writing Center highlights exceptional writing by producing a student literary magazine, The Bonfire, and by recognizing Excellence in Writing Awards at the yearly Honors Convocation.

### Transcripts of Credit

Transcripts of credit will be issued by the office of the registrar to all present and former students subject to certain conditions. In order to assure the student that records are confidential, Drury University issues official transcripts only upon written authorization of the student. Financial obligations to the college must be satisfied.

The university will issue one free transcript for each student upon graduation. Additional transcripts will be made for a charge of \$6 each, payable in advance.

### Class Attendance

There is no class-cut system at Drury. Students are expected to attend all classes and laboratory periods for which they are enrolled. There is no university-wide policy defining conditions under which an instructor should or should not excuse an absence. The instructors are responsible for the maintenance of standards and quality of work in their classes. An absence is an individual matter between student and instructor.

Students are directly responsible to instructors for class attendance and for work missed during an absence for any cause.

### The Grading System

A grade indicates a level of performance as demonstrated by a student and evaluated by an instructor. Grading symbols are A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F, I, S, U, (IP).

A grade of C represents a satisfactory level of performance which can be expected of any Drury student who gives a reasonable amount of time, effort and attention to the work of the course. Such satisfactory performance should include familiarity with the concept of the course as shown by an acceptable mastery of the information, concepts or skills involved and regular participation in the work of the class.

A grade of B indicates a higher level of performance than the satisfactory standard defined for a grade of C. It involves excellence in some aspect of the work, such as completeness, accuracy, detail of knowledge, or effective independent work.

A grade of A involves a level of performance that is conspicuously excellent in the factors indicated in the definition of B.

A grade of D indicates below standard performance; it is acceptable toward graduation only if offset by superior work in other courses.

A grade of S (Satisfactory) indicates the attainment of a C level or better. A grade of F or U indicates an unacceptable level of performance.

An I grade is given for incomplete work only if illness or other unavoidable causes prevent the student from completing the course. The student is responsible for contacting the instructor and determining what must be done to remove the I grade. Course work must be completed and the I grade replaced with a letter grade within six weeks after the beginning of the semester immediately following the semester in which the I was received. The instructor granting the incomplete, or the department chair in his/her absence, is required to report to the registrar a grade for the permanent record at the end of that period. A grade of I not removed within the time period allowed will automatically be changed to an F. A specified extension of time for removal of the incomplete grade may be granted by the associate dean of the college. Until the grade has been formally recorded, the course will not be considered as hours attempted and thus will not be a part of the cumulative grade point average.

In specific courses which are so designed by the academic affairs committee, In-Progress (IP) grades may be awarded. This grade will not affect the grade point average of a student and will be replaced by an appropriate letter grade when the work is completed.

DR indicates dropped (and W, withdrawn) before the end of the sixth week of the term; DP or DF (or WP or WF) indicate passing or failing at the time the course is dropped after the sixth week of the term. *A course cannot be dropped during the last two weeks of classes.*

DP indicates passing at the time the course was officially dropped.

DF indicates failing at the time the course was officially dropped.

WP indicates passing at the time of official withdrawal from college.

WF indicates failing at the time of official withdrawal from college.

Any student who unofficially drops a course or unofficially withdraws from college will receive an F in the course or courses.

Credit point averages will be computed as follows: each hour of A counts as 4.0; each hour of A- counts 3.7; each hour of B+ counts 3.3; each hour of B counts 3.0; each hour of B- counts 2.7; each hour of C+ counts 2.3; each hour of C counts 2.0; each hour of C- counts 1.7; each hour of D+ counts 1.3; each hour of D counts 1.0; each hour of D- counts .7.

The grade point average is computed only on academic courses taken at Drury University. The computation is made by dividing the total number of credit points earned by the total number of semester hours attempted. Grades of F and DF are included when computing grade point averages with a value of zero points. The grade point average is computed for courses that are repeated on the policy that the highest grade stands. Grade reports are available to students at the end of each semester or term. Grades are accessible on the website to students with a valid student ID number and password. Additionally, students may request written notification of their grades to be sent to their permanent address.

Mid-semester grades are made available to students in their first year at Drury University, to transfer students in their first semester and students on probation. The academic dean, dean of students or associate dean of students may request low scholarship reports at any time.

### Satisfactory or Unsatisfactory

A student who is officially classified as a junior or senior may register for one course during a semester on a Satisfactory or Unsatisfactory basis, but must designate this option before the end of the second week of class. In order to receive a satisfactory grade, a student is expected to perform at the C level or better. With the exception of internships, teacher aiding, writing tutorial, community service (HNRS 222, 322; SPAN 315, 316, 317, 318, 319, 320) winter term and May term courses, only four undergraduate courses may be taken on a Satisfactory or Unsatisfactory basis. Courses in a student's major and minor, courses taken to meet graduation requirements and honors



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courses (excluding community service) may not be taken on a Satisfactory or Unsatisfactory basis. A transfer student officially classified a junior or senior by Drury University and in good academic standing may take a course on a Satisfactory or Unsatisfactory basis during the first semester at Drury. Satisfactory or Unsatisfactory courses are not to be included in the cumulative grade point average. A student receiving a grade of Unsatisfactory will not receive the credit toward graduation.

**Note:** At any time a student enrolls for an continuing studies course which does not appear in this catalog, the student must complete that course utilizing the S/U grading option. The student must request approval for such enrollment. Forms are available in the registrar's office.

### Academic Forgiveness Policy

The Academic Forgiveness Policy is designed for the student who experienced poor, often disastrous, academic results while previously attending Drury University and who can now demonstrate they are prepared to be academically successful in their college experience. A person is eligible to apply for academic forgiveness when at least five (5) years have elapsed between the concluding date of the candidate's last semester of enrollment at Drury University

Principles of the Academic Forgiveness Policy which apply to all Drury students:

1. Re-enter Drury University and successfully complete at least a minimum of 6 hours with a minimum GPA of 2.0 in each course.
2. Prior to completion of the second semester of re-entry to Drury, complete an application for admission to Drury University and apply for Academic Forgiveness. As part of this application write a maximum 250-word essay explaining, why, academically, you are now prepared to perform successfully at the college level. All applications will be reviewed by Drury University's Admissions Committee; this committee has full authority to accept or deny application for Drury University's Academic Forgiveness Policy.
3. Academic Forgiveness is applied to Drury courses (maximum of 30 semester hours) which have grade values below 1.7. If a student has more than 30 hours below a 1.7 grade point average, he/she may select course(s) for academic forgiveness not to exceed 30 hours. No letter grades will be removed from the academic record. The courses accepted for academic forgiveness will bear the notation "Academic Forgiveness Granted" and marked on the transcript with "@". These courses will then no longer be considered in the grade point average computation. Credit hours are not earned for courses for which academic forgiveness has been granted (i.e., hours with passing grades of "D" are forfeited). Any course for which academic forgiveness is given cannot be used to fulfill graduation requirements. Academic forgiveness may be granted only one time and is not revocable.
4. Transcripts will bear a disclaimer-- Drury University makes no guarantees as to how certifying agencies and other higher education institutions including graduate school and their services, interpret the transcript of a student utilizing academic forgiveness options.

### Scholastic Probation and Suspension

Drury students are expected to maintain the highest level of scholarship of which they are capable. Notification of probationary status serves as a warning that students are not making satisfactory progress toward the degree and that unless the quality of work improves they will be subject to suspension from the university.

Students place themselves on probation and may be suspended or dismissed when they fail to maintain a minimum cumulative grade point average as set forth below.

<b>Hours earned/Cumulative GPA below which a student is placed on probation</b>	
0-29 .....	1.6
30-59 .....	1.8
60 or above .....	2.0

Students on probation cannot carry an academic overload and should be mature enough

to decide, with the help of all available counseling and advising, which activities to drop because they interfere with studying and which to retain because they play an important part in personal need or development.

Students failing to remove themselves from scholastic probation within one semester in residence after being placed on scholastic probation may be suspended. If the student shows satisfactory progress, they may be allowed to remain from semester to semester.

Students suspended from the university for academic reasons will not be eligible for readmission until at least one calendar year has passed. Readmission is not automatic. Applications for readmission must be submitted to the office of admissions at least one month prior to the first day of the proposed term of readmittance. Students readmitted after suspension will be admitted on probation and must show satisfactory progress by the end of their first semester in order to remain enrolled.

Those students admitted as probationary students will not be permitted to carry an academic overload and must show significant progress toward the grade point average required for graduation.

### Academic Honesty and Integrity

The policy on academic dishonesty is to be applied to occasions when cheating, plagiarism, theft of examinations, giving or receiving illicit aid on academic assignments and any other instances of academic dishonesty occur. The policy and procedure regarding academic dishonesty is followed in addition to the usual student disciplinary procedures.

Academic dishonesty undermines the values of Drury University as well as the educational endeavor. Dishonesty and theft of any kind are not to be tolerated, but the act of cheating in academic work is detrimental to the educational process and ultimately cheats both the student involved and the entire community of scholars.

The authority and responsibility for making decisions regarding academic dishonesty and its penalties lie with the faculty member in the course involved, the department head, the dean of the college, the academic affairs committee and the president of the university.

The initial judgment regarding both guilt and penalty will be made by the faculty member in the course. That judgment should be clearly communicated to the student. Faculty members shall notify the department head and the office of the dean of the college of instances of academic dishonesty.

A student who thinks she or he has been unfairly treated by a faculty member in questions of academic dishonesty may appeal that judgment through the appeal process by contacting the dean of the college.

The faculty member is encouraged to keep in mind the seriousness of academic dishonesty and its relationship to the entire academic community and its intentions. The faculty member will make the initial judgment regarding the appropriate penalty for academic dishonesty within the following guidelines: requiring that the assignments in which the offense occurred be redone; failure on the assignment in which the offense occurred; lowering of course grade; failure in the course; such other actions as the faculty member deems appropriate to a particular case.

All instances of academic dishonesty shall be reported to the dean of the college. Faculty members should have and retain evidence to support their charges of academic dishonesty and be prepared to present that evidence should a review or an appeal occur.

#### Review

An offense(s) as documented by the faculty member(s) in question and as reported to the dean may be considered grounds for dismissal from the university. The dean may request the academic affairs committee to convene to review the evidence and make a recommendation regarding dismissal. The dean will make the final decision regarding dismissal; that decision may be appealed to the president of the university.

#### Appeals

Due process and the rights of students will be observed throughout this procedure.

Records of academic dishonesty as reported by the faculty will be kept in the dean's office. These records will be destroyed upon the graduation of the student.

### Credit by Proficiency Examination

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Superior students may, at any time, apply to the head of any department for permission to take a proficiency examination covering the subject matter of any course in that department listed in the catalog — provided that they are not enrolled in that course and have not completed a more advanced course in that field. Students are normally required to register for the course before the examination is taken. This examination is open to regularly enrolled students to whom the regulations regarding tuition and fees apply. For students taking less than 12 hours, an examination fee of \$5 is charged in addition to the usual tuition fees.

### Directed Study

To allow flexibility in students' schedules, the university offers courses by directed study. With the approval of the instructor and the concerned department chair, a student may register for directed study for courses in the catalog. This study will be pursued under the guidance of the instructor. The usual syllabus of the course will be followed and the standards will be the same as when the course is being offered as a class. Directed studies will be listed on transcripts with regular course title designated DS. Such course constitutes a regular part of the academic load. The regulations regarding registration, tuition and fees apply.

### Internships

The three primary goals of Drury's internship program are: 1) to help the student clarify educational and career objectives; 2) to expand the student's understanding of classroom theory by applying their training in some practical way; and 3) to introduce students to the world of work in terms of responsibilities and employer-employee relationships.

In addition to completing the on-site internship, the student will be asked to reflect about the experience with their faculty sponsor through reading about the chosen field or work, writing about the experience and discussing the experience with people working full-time in the field of the internship.

Juniors and seniors with a 2.5 or better grade point average are eligible for internships. Students must have completed course work appropriate for the internship experience and must be able to demonstrate potential benefit from an internship plan. The student is required to fill out a Permission to Register for Special Coursework form, an Internship Agreement and an Internship Learning Contract. The Learning Contract must be completed and signed by the site supervisor, student and faculty sponsor. **All paperwork must be submitted to the Career Center prior to the beginning of the work experience.** Credit will not be granted retroactively. Evaluation will be performed by the faculty sponsor in consultation with the on-site supervisor and grading will be on a satisfactory/unsatisfactory basis.

In order to receive credit for the internship, the student must be registered for coursework (course numbers 397, 398, 497, 498) to receive credit. Each course carries three or six semester hours credit and a maximum of six semester hours is applicable to the student's degree. Student interns work not less than 135 hours during the full semester for each three hours of academic credit. Applications for internships are available from the Career Center.

### Research

Many academic departments offer special projects of research or investigation beyond the regular catalog offering. Significant responsibility lies with the student to work independently to develop a proposal for study which must be approved by a faculty mentor and the concerned department chairman. The faculty member will provide counsel through the study and will evaluate the student's performance. Sophomores, juniors and seniors are eligible.

Students must register for research (291, 292, 391, 392, 491 or 492) to receive credit and are required to fill out a Permission to Register for Special Coursework form. Credit is limited to six hours per major with a maximum of 12 hours being applicable to each student's degree.

## Selected Topics

Selected Topics are courses of an experimental nature which provide students a wide variety of study opportunities and experiences. Selected Topics offer both the department and the students the opportunity to explore areas of special interest in a structured classroom setting. Selected Topics courses (course numbers 290, 390, 490) will have variable titles and vary in credit from 1-3 semester hours. Selected Topic courses do not meet graduation requirements unless so designated by the academic affairs committee.

Honors courses with variable titles provide much of the same type of variety and opportunity of Selected Topics. They are available to students approved for the honors curriculum.

## Requirements for the Bachelor of Arts with Honors Degree

In order for a student who has been admitted to the university honors program to be graduated with the Bachelor of Arts with Honors degree, the student must have a cumulative grade point average of 3.25 or better when graduated and must satisfactorily complete the following:

1. A major and all requirements for the bachelor of arts degree (see page 23).
2. Approval by the honors committee.
3. A minimum of nine semester hours of honors coursework, of which at least three hours must be at the 300 level.
4. A minimum of one hour of community service (HNRS 222, 322).
5. HNRS 401, 402 Senior Colloquium and Research, 4 hours.

## Departmental Honors

Honors work is designed to encourage superior, advanced students to do intensive, independent, or creative work of high quality in a field of concentration. It differs from the independent study courses in that it is more inclusive and requires a higher quality of scholarship. Also, a greater degree of initiative on the part of the student is expected. The study may cover the material of individual courses, cut across course or departmental lines, or include matter and procedures not offered in usual courses.

In order to qualify for honors work, the student must comply with the following standards and conditions:

1. The student and an advisor must present an application to the dean who must approve the application prior to appointing an ad hoc committee, with the advisor as chair, to supervise the project and serve as readers of the resulting thesis or jurors of a creative work.
2. The application must be made and the committee appointed prior to the completion of 90 semester hours toward graduation.
3. The student must have maintained a high grade point average throughout his or her college work (a 3.75 or better is usually expected) and the student must satisfy the advisor and the dean that she or he has the ability to complete a project of the quality expected (an ACT of 29 or better or the comparable SAT are one acceptable measure of that ability).
4. The student will normally enroll for 495 and 496 Honors Research, three hours in each semester of the senior year. The work usually involves research during the summer between the junior and senior years, and often begins in the junior year.
5. It is expected that the project will be completed in a department or departments in which the student has concentrated at least half of the work during the junior and senior years.
6. Completed work must be satisfactory in both quantity and quality or the student will be dropped from honors work. Work will be evaluated by the advisor, the committee and an external examiner. It is strongly suggested that the student and advisor work closely with the committee throughout the research seeking their advice, assistance and assessment as the project moves along.
7. The external examiner will be approved by the committee and the dean; it should be someone who comes from a distinguished institution of higher learning (other than Drury) who can be objective in evaluating the quality of the work accomplished. It is the advisor's responsibility to identify possible individuals, to invite the evaluator and to brief the evaluator on our departmental honors program and its expectations.

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8. No later than March 31 of the senior year, a comprehensive examination given by the external evaluator must be given. The examination will be open to the committee members and the college community in general. It should be publicized and it should be an occasion for the student to inform those present regarding his or her work. The examiner, having read the thesis and conducted the examination, will make a recommendation to the committee. The committee will determine, in consultation with the advisor, whether or not the student will graduate with departmental honors, or, failing that, what grade should be received (the research which will no longer be listed as honors research). With favorable recommendation by the committee, the student will be designated as graduating with departmental honors. On the commencement program and on the transcript, the student will receive the designation "with departmental honors."
9. Copies of the papers written by students who graduate with departmental honors should be placed in the library.

### Recognition of Honors

Only grades earned while in residence at Drury University are used in determining honors at graduation.

#### Honors at Graduation

**Degrees with Distinction:** The degree of bachelor of arts, bachelor of arts with honors, bachelor of architecture, or bachelor of music education is awarded with merit in three grades: with distinction, *cum laude*; with high distinction, *magna cum laude*; and with highest distinction, *summa cum laude*.

Candidates will be recommended for the degree *cum laude* if they have been in residence at least two years, have completed not less than 60 semester hours at Drury and have attained a standing of 3.6 during those years.

Candidates will be recommended for the degree *magna cum laude* if they have been in residence at least two years, have completed not less than 60 semester hours at Drury and have attained a standing of 3.75 during those years.

Candidates will be recommended for the degree *summa cum laude* if they have been in residence at least three years, have completed not less than 90 semester hours at Drury and have attained a standing of 3.9 during those years.

**First and Second Honors Students:** The student of the graduating class who has been in attendance at the university at least three years, having completed not less than 90 semester hours at Drury and whose standing is the highest through the course, will be awarded *first honors*.

The student of the graduating class who has been in attendance at the university at least three years, having completed not less than 90 semester hours at Drury and whose standing is second highest through the course, will be awarded *second honors*.

#### Dean's List

The dean's list includes all students, carrying not less than a normal load (12 semester hours), whose grade point average is 3.6 or more each semester.

### Summer Session

The university offers a limited program of courses in a summer session which is divided into three terms. The summer session is designed for those who wish to accelerate their course of study, for teachers who desire additional training for their profession and for those who may desire to take advantage of the opportunities for cultural and educational advancement during the summer months. Credit that can be earned in a summer session is typically limited to 13 hours per summer session. The summer school program is administered through the College for Graduate and Continuing Studies and is open to all students. Schedules are available in April. All inquiries regarding fees and schedules should be directed to the Registrar's office.

### Winter Term and May Term

The winter term and the May term are shortened periods of special experiential study which supplement the educational experience of our regular fall and spring semesters. These terms are an

important part of the university academic programs. Although not a requirement, a total of six elective credit hours for courses carrying the winter term (WNTR) or May term (MAYT) prefixes are allowed toward graduation. It should be understood that activities and credits in the winter and May terms are highly restricted because of the time frame.

The activities of the short terms are limited to:

1. International travel which provides students with experiences in a different culture as part of their total educational preparation.
2. Domestic travel courses which broaden the student's view of the United States.
3. Special courses offered in conjunction with the travel course. An example is language study offered in the country where the language is spoken.
4. Independent studies, practica and/or special internships which give the students the opportunity for learning experiences outside the boundaries of the campus classroom.

Registration for either the May or winter terms is limited to three hours per term. Grading will be satisfactory/unsatisfactory and will result in no upper division credit. All full-time students enrolled in the undergraduate day program may participate in the normally approved activities of the May or winter terms without additional tuition charge. Travel courses, however, result in variable charges which are typically paid by the student well in advance of the experience. Visiting or unclassified students would pay trip charges plus tuition at the current per-hour cost. Standard forms of financial aid are not available for these short terms. There will be an additional charge for room and board during the short terms.

### College of Graduate and Continuing Studies (CGCS)

The purpose of the College of Graduate and Continuing Studies is to meet the career and intellectual needs of adults who wish to continue their education. The college provides degrees at the graduate and undergraduate level.

The undergraduate catalog for the College of Graduate and Continuing Studies describes college credit classes leading toward an associate of science degree, a bachelor of science degree and a bachelor of general studies degree. All degrees may be earned with all work done at night, either on campus or at the Drury Residence Center at Fort Leonard Wood. Associate degrees may be earned at Cabool, Lebanon or Rolla.

CGCS presents noncredit short courses and professional development courses to assist people in career advancement or to provide cultural enrichment. CGCS constantly strives to fit the needs and interests of the community.

The College of Graduate and Continuing Studies catalog lists many courses which are not included in the Drury College of Drury University curriculum. Drury College students who are juniors and seniors may enroll in courses on a limited basis designed for the evening student. All enrollments of this nature will be graded on a Satisfactory/Unsatisfactory basis. The student who wishes to enroll for a course listed through CGCS must obtain permission to enroll and should give careful attention to all procedures for enrollment on that basis. Course availability in CGCS courses is limited.

Another catalog is available to describe the graduate degree programs.

### Military Science

A military science program for Drury University students is offered through cross-enrollment in the military science department at Southwest Missouri State University. The program carries academic credit at SMSU only. Drury awards no credit for ROTC coursework.

The military science program at SMSU is divided into two elective programs: the basic course and the advanced course.

**Basic Course:** The basic course encompasses two freshman and two sophomore military science courses. There are some prerequisites for participating in the four courses offered. See basic course descriptions for further information. There is no military obligation for enrolling in any of the basic courses and they do not have uniform or appearance requirements. The primary objective of basic course subjects is to provide all students with a full understanding of the United States Army and to qualify them for the advanced course in the event they elect to continue in the military science program.

## Academic Affairs

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**Advanced Course:** The advanced course consists of two junior and two senior courses. The primary objective is to prepare qualified students for military service in the United States Army, the Army National Guard, or the United States Army Reserve. All advanced course students receive \$300 per month for 10 months of the senior year. Advanced course students normally attend a five-week summer camp between the junior and senior years. Upon completion of the advanced course, students are commissioned as second lieutenants and may serve up to four years of active duty or they may fulfill their obligation by serving up to eight years in either the Army National Guard or Army Reserves.

Army ROTC offers two and three year scholarships to qualified students. Drury students interested in the ROTC program and/or ROTC scholarships should contact the military science department at SMSU for additional information concerning program requirements, scholarships, summer camp and departmental permission for enrollment. Texts and uniforms, when required, are furnished.

### Basic Courses

**MIL 101 Introduction to Military Science. 2 hours.** This course will focus on basic pistol and rifle marksmanship. Students will get the opportunity to handle, learn the maintenance and proper way to fire, real Army small arms weapons (M16A2 automatic rifle, M60 machine gun, M9 9mm pistol). Students will have the option to exempt the final exam by attending a one day field trip to Camp Crowder to shoot on a real Army M16 qualification range. Additionally, students will get exposure to classes on basic military customs and courtesy.

**MIL 102 Introduction to Basic Military Skills. 2 hours.** This course will focus solely on the basic survival skills; land navigation, First Aid, acquiring food and water, fire craft, building survival shelters, mountaineering (rappelling, rock climbing, one rope bridge, knottying).

Students have the opportunity to exempt the final exam by attending a one day, one night survival field training exercise.

**MIL 125 Leadership Fitness. 1 hour.** *Prerequisite: permission of the instructor.* Development of individual fitness and acquire the skills necessary to lead group fitness training.

**MIL 211 Basic Military Skills and Techniques. 2 hours.** *Prerequisite: MIL 101 or 102 and less than 50 semester hours or permission.* Introduction to techniques of survival in various situations and climates and pistol marksmanship.

**MIL 212 Military Fundamentals Practicum. 2 hours.** *Prerequisite: two semesters of Military Science or permission.* The class is designed for the military science students who desire accelerated instruction on rifle marksmanship, communications, map reading (to include the compass) and patrolling. The student will be required to wear a military uniform and meet Army appearance standards.

**MIL 225 Basic Military Science Practicum (Leaders Training Course). 5 hours.** *Prerequisite: permission.* A 4-week course conducted at Fort Knox, KY. The training is rugged and intensive with emphasis placed on leadership application, practical work and physical conditioning. Training will be conducted six days a week out-of-doors and requires active participation by all students. Enrolled students receive compensation for travel, lodging and food.

### Advanced Courses

**MIL 301 Military Leadership and Operations. 3 hours.** *Prerequisite: permission.* Introduction to small unit tactics; principles of military leadership, to include theory, responsibilities, techniques and practice; branches of the US Army, oral presentation techniques and practice. One field trip is required. This course may not be taken pass/not pass.

**MIL 302 Military Skill Building. 3 hours.** *Prerequisite: permission.* Small unit tactics; applied military leadership (builds on knowledge gained in MIL 301) with special emphasis on the junior leader's duties and responsibilities. Two field trips are required. This course may not be taken pass/not pass.

**MIL 325 Advanced Military Science Practicum (National Advanced Leadership Course). 5 hours.** A prerequisite to receive a commission in the US Army through ROTC and for MIL 411 and 412. The 5-week course is conducted at Fort Lewis, Washington. The instruction, training and evaluation focuses on the professional development issues required to become an Army Officer. The primary focus is on evaluating the student's leadership potential through this mentally and physically demanding camp. The training and evaluation is conducted seven days a week for five weeks and requires active participation by all students. The student is placed in leadership positions which required him/her to lead up to 120 fellow students to extended periods of time. Enrolled students receive compensation for travel, lodging and food.

**MIL 411 Military Qualification Skills for Advanced Cadet. 3 hours.** *Prerequisite: permission.* Ethics and professionalism of the military officer; Army command staff functions; oral presentation techniques and

# Financial Affairs

## Tuition and Fees

### Full-time Undergraduate (12-17 credit hours per semester)

	Fall	Spring
Tuition	\$6,497.50	\$6,497.50
Student Health Fee**	102.50	102.50
Student Fee	185	-0*
<b>Total</b>	<b>\$6,785.00</b>	<b>\$6,600.00</b>

Courses in excess of 17 hours per semester will be billed at an additional \$428 per credit hour.

### Residential Plans\*\* (per academic year, less break and vacation periods)

**Premium Residential Plan** includes double occupancy in residence hall with 20 meals per week and \$100 credit for purchases at CX and sandwich bar ..... \$5,007

**Standard Residential Plan** includes double occupancy in residence hall with 15 meals per week and \$80 credit for purchases at CX and sandwich bar ..... \$4,885

**Basic Residential Plan** includes double occupancy in residence hall with 10 meals per week .... \$4,705

### Surcharges

Single Room .....	\$450
Double Room, single occupancy .....	\$900

\* Full-time students enrolling in the spring term for the first time must pay the full \$175 fee in the spring.

\*\* Nonrefundable. Students residing in residence halls or fraternity houses are required to subscribe and pay for residential plans (without exception).

### Part-time Undergraduate (less than 12 credit hours per semester)

Tuition (per semester credit hour) .....	\$428
Student Fee (per semester) .....	\$20

### Other Tuition and Fees

Audit fee per hour .....	\$72
Tuition per semester credit hour in excess of 17 .....	\$428
Applied music fees:	
Two 30-minute lessons weekly (per semester) .....	\$210
One 30-minute lesson weekly (per semester) .....	\$125
MUSC 400 Full Recital (per semester) .....	\$210
MUSC 300 Half Recital (per semester) .....	\$125
Freshman orientation fee .....	\$125
Orientation fee for international students .....	\$100
Health & Accident Insurance Premium for International Students .....	\$285
Drop/add a course after registration deadline (per transaction) .....	\$15
Transcript fee (discount is available for 5 or more transcripts ordered at one time) .....	\$6
Late registration fee .....	\$50
Admission deposit for students living on campus (refundable until May 1) ( \$100 room and key deposit, \$100 applied to account if student attends Drury)	\$200
Admission deposit for students living off campus (refundable until May 1) .....	\$100
(applied to account if student attends Drury)	
Monthly late payment fee - deferred payment agreement on file .....	\$20
Monthly late payment fee - deferred payment agreement not on file .....	\$40



## Financial Affairs

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### Explanation of Tuition and Fees

**Tuition:** The basic charge to cover the general institutional, student services, library, technology and plant operations. Tuition covers but a portion of these costs which also are supported by generous gifts and grants and endowment income.

**Student Health Fee:** Covers the basic cost of operating a student health facility on campus currently under contract with Cox Medical Center. A part-time physician is available at prescribed hours and a full-time nurse is on duty daily.

**Student Fee:** An assessment determined in conjunction with the Drury University Student Government Association which covers a small portion of operating costs of the Findlay Student Center and supports student-sponsored activities like the university newspaper, student radio station, concerts, dances, etc.

**Residential Plans:** Covers the cost of residence hall operations, repairs and maintenance, utilities, contractual food service operations, etc.

**Part-time Student Tuition and Fees:** Basically covers a portion of the expenditure as listed above for full-time students.

**Audit Fee Per Course:** A reduced rate of tuition designed for students and members of the community who merely want to take a course without credit and examinations. The audit fee per course enables an undergraduate to sit in on as many class periods as the student desires in any lecture course on the campus. Studio courses and laboratory courses are not conducive to auditing and must be taken for credit. Any student may take one course per semester as audit on a space available basis. The course must be designated as audit before the sixth week of the semester. Prior permission of the instructor is required and students will participate to the extent determined by the instructor. Audit students will not receive a grade or credit for the course.

**Tuition for Semester Credit Hours in Excess of 17 Semester Credit Hours:** The full-time tuition for Drury College of Drury University is predicated on a certain number of courses, available classroom space and an average student credit hour load which permits graduation within eight semesters of full-time attendance.

Students who enroll for more than 17 semester credit hours per semester are normally required to pay the additional per credit hour fee. However, there are certain exceptions to this policy whereby the student may enroll in certain courses and the additional per credit hour fee is waived. The additional per credit hour fee is not applicable in the case of certain applied music, communication and theatre activities courses.

A list of these courses is available in the registrar's office or financial services office. Students must turn in a signed overload tuition assistance form to the financial services office.

**Applied Music Fees:** Basically covers the direct cost of providing individual music lessons and associated recitals in our music program.

**Freshman Orientation Fee:** Covers the cost of the freshman orientation program and room and board for the period immediately prior to the start of the fall semester.

**Drop/Add Fee:** A special handling fee designed to cover a portion of the special processing cost for students who wish to drop or add a course or courses after the prescribed deadline.

**Transcript Fee:** A charge to cover the cost of processing a request for a certified transcript copy and mailing to prospective employers and graduate schools. The first transcript received following graduation is free.

**Late Registration Fee:** A special handling charge for students who register after the prescribed registration period each semester.

**Admission Deposits:** All admitted students must pay a deposit to confirm their plans to attend Drury. For commuting students the deposit is \$100 which will be credited to the student's account. Residential students pay \$200; \$100 is a tuition deposit and \$100 is a room and key deposit for housing. The tuition deposit is fully refundable until May 1 for the fall semester or December 1 for the spring semester. The housing deposit is refundable until June 1 for the fall semester and December 15 for the spring semester.

## General Information

The various tuitions and fees are subject to change without prior notice, but Drury University attempts to provide such change information as soon as possible.

## Alumni Audit

Graduates of Drury bachelor degree programs are invited to register on an audit basis for one undergraduate course per semester or summer session at no cost. This service to graduates is offered on a space-available basis after registration of degree-seeking students. Some courses, such as student teaching and teacher aiding, cannot be completed on an audit basis and are therefore excluded from this alumni program. In offering free enrollment to Drury graduates, it is assumed that no outstanding debts are owed to the university.

The various tuition and fee items which are nonrefundable are so noted. Generally, most items are nonrefundable and students and parents should review the listing of tuition and fees carefully.

Students and parents should become familiar with the deferred payment policy of Drury University and our withdrawal refund policy. All questions or requests should be addressed to Accounts Receivable Coordinator, Burnham Hall, 900 N. Benton Ave., Springfield, Missouri, 65802, or telephone 417-873-7343.

## Payment Policy

Semester statements covering tuition, fees and residential plans are normally mailed on approximately June 15 and Dec. 1.

**No student will be officially registered unless and until payment or satisfactory deferred payment arrangements have been made in advance of the start of classes. Student account balances which become past due will result in notification from the director of financial services for official withdrawal from future classes.**

Students with any prior semester balance will not be permitted to register for subsequent semesters.

All delinquent accounts will be subject to a charge of 1% per month, legal fees and collection costs.

Students who have failed to comply with payment policies in any semester may be denied the opportunity to register for future semesters and may be denied the opportunity to participate in deferred payment plans.

## Deferred Payment Policy

It is the intention of the Drury University deferred payment policy to provide the means whereby students and parents are able to pay tuition and fees over time. Drury offers two types of deferred payment plans to its students. A tuition contract is required of all students/parents who wish to participate in a deferred payment plan. **Tuition contracts must be submitted, for approval, to the university on or before the first stipulated due date.** Plans "B" and "C" are described below. The dates may vary from semester to semester. An administrative fee of \$20 per month will be charged for processing a late payment. Tuition is due in full by the first day of class.

Students who do not submit a satisfactory payment plan will be assessed a \$40 processing fee per month until such time as a satisfactory payment arrangement is approved and/or all tuition is paid in full. Any balance not covered by an approved payment plan will be assessed interest at 1% per month on the unpaid balance, or 12% per annum. Any collection cost or legal fees incurred in collecting an account will be the responsibility of the student/parent.

\*Payment Plan B — Full-time undergraduate only (Interest Plan -- Dates Approximate)

Amount Due	Fall Semester	Spring Semester
33% of total semester tuition, fees, residential plans	Aug. 1	Jan. 1
4 equal payments of balance	Sept., Oct., Nov., Dec. 1	Feb., March, April, May 1

Interest is computed at one percent of the unpaid balance monthly (12 percent effective annual interest).

## Financial Affairs

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### \*Payment Plan C — Full-time undergraduate only

This plan allows you to pay university fees in 5 equal payments for the fall semester and 5 equal payments for the spring semester. A separate payment plan contract must be signed for both the fall and spring semester. There are no fees or interest charges.

Amount Due	Fall Semester	Spring Semester
20% of total semester tuition, fees, residential plans	Jul. 1	Dec. 15
20% of total semester tuition, fees, residential plans	Aug. 1	Jan. 1
20% of total semester tuition, fees, residential plans	Sept. 1	Feb. 1
20% of total semester tuition, fees, residential plans	Oct. 1	Mar. 1
20% of total semester tuition, fees, residential plans	Nov. 1	Apr. 1

\* Payment plans "B" and "C" each require that the responsible party sign a payment plan contract each semester.

### Official Withdrawal/Refund Policy

Students who withdraw from courses will be allowed a refund of tuition according to the schedule below. All refunds are calculated from the date the application for withdrawal is filed with the registrar. No other notice will suffice. **Nonattendance of classes does not constitute official withdrawal.** Applicable refunds for students receiving federal and/or state financial aid will be calculated in reference to the student's date of notification of withdrawal, last date of academic attendance, or the midpoint of the period.

The responsibility for initiating and completing the withdrawal process with appropriate university offices rests with the student. The first day of classes constitutes the beginning of the semester for tuition refund purposes. For courses which are scheduled out of sequence of the regular fall, winter, spring and summer semesters, the day published as the first day of instruction constitutes the beginning of the course for tuition refund purposes.

Refunds	Fall/ Spring	Full Summer	5 weeks Summer	Other
Prior to first day of classes	100%	100%	100%	100%
During first five days of semester or term	100%	100%	100%	0%
During second five days of semester or term	100%	50%	0%	0%
During third five days of semester or term	50%	0%	0%	0%

If a student has an unpaid account with the university, any tuition refund due from withdrawal will be applied to such unpaid accounts.

The refund policy for credit courses that are less than a regular term in duration and for noncredit conferences, institutes, seminars and community services courses is a 100 percent refund if the official withdrawal notice occurs prior to the first day of instruction. There is no refund for these courses following the first day of instruction. Each year the university publishes a calendar guide for institutional refunds and complies with the Return of Title IV Funds policy for federal programs. Students should become familiar with the guide each semester or term.

### Residential Plan Refund Policy

Refunds generally are not granted after signing the annual room contract. Appeals to the no-refund policy should be directed to the vice president for student affairs.

### Explanation of Student Billing

It is extremely important that parents and students understand the need to meet financial obligations associated with being a student at Drury University. When these obligations are not met in the manner expected, the university must borrow for its operations. The interest expense for that borrowing is ultimately reflected in increased tuition and fees. Quality education is costly to provide and Drury families must recognize the need for complete compliance with request for payment, financial aid application deadlines, etc. The business services and financial aid programs of Drury University are designed to assist students and parents in managing the expense of a quality university education.

## How Drury Tuition is Paid

Educational costs are met by Drury families in three ways:

1. The full cost may be covered by personal or family resources. **The total bill is paid in full at the beginning of each semester**, or a percentage of the full amount is paid and the balance is due in accordance with one of several plans for deferred payment. Visa, Mastercard and Discover are also acceptable forms of payment.
2. The student may qualify for a type of financial aid that is **awarded directly through the university and is credited to the student's bill** by the financial services office. These kinds of financial aid awards are made annually and the amount awarded is divided equally between charges for the fall and spring semesters. Full-time enrollment (12 hours) is required to receive most of the following.

**Listed here are the scholarships and grants which are directly credited to the student's bill:**

Federal Pell Grant	Dean's Scholarship
Samuel Drury	Academic Honor Scholarship
Church Award	Leadership Award
Drury Grant	Clergy Dependent Scholarship
Trustee Scholarship	Activity Grant
Presidential Scholarship	Matching Scholarship Award
Endowed Scholarship	Federal Supplemental Educational Opportunity Grant

After application of the financial aid award, the balance due to the university is the responsibility of the student or parents and can be paid in full at the beginning of each semester or in accordance with an agreed-upon plan for deferred payment.

3. The student may receive financial aid which, by law, **cannot be automatically credited to the student account but which is paid to the student** for application to educational expenses.

The following forms of financial aid result in money being paid to the student. With these types of aid, the student is solely responsible for paying university costs in accordance with the established payment plan.

**Federal College Work-Study:** Students are required to visit the human resources office at the beginning of the semester to arrange a work assignment. On the 15th of each month, beginning October 15th, students will receive a work-study payroll check for the hours worked. Students may use this money to make payments on their accounts. Billing is not postponed nor can an account be credited because a work-study check is expected.

**Charles Gallagher Student Financial Assistance Program:** Each semester the state forwards a master check to the university. Typically, this check arrives much later in the semester than the due date for tuition payment. Upon receipt, the funds will be applied to the student's account. Billing is not postponed nor can an account be credited because a grant is expected.

**Federal Carl D. Perkins Loan:** Qualified students must visit the financial aid office on the first day of each semester and sign the required promissory note. The student's account is credited only for the amount which applies to the current semester. Recipients of the Federal Carl D. Perkins Loan must complete an exit interview at the Drury University financial services office upon official or unofficial withdrawal from the university.

**Federal Stafford Student Loan:** This loan program represents an agreement between the university student and a commercial lending institution. **Loan monies may not be released to the student until the student is fully charged.** Drury University's refund policy provides for prorated charges through the third week of classes. The loan will be wire-transferred from the lending institution to the student's account as early as the third week of school. After the third week of classes, the college will automatically generate and mail a refund check to the student for any loan monies in excess of the student's account balance. Students are required to visit the financial services office to endorse a loan check and apply it to their account if they borrow from a lending institution which does not utilize wire transfers.

# Financial Affairs

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## Return of Title IV Funds Policy

### Withdrawals

Effective October 7, 2000:

The financial aid office recalculates federal\* financial aid eligibility for students who withdraw, drop out, are dismissed, or take a leave of absence (and do not return) prior to completing 60 percent of a semester.

The designated office the student should notify when withdrawing is the registrar's office or the branch coordinator.

Recalculation is based on the percent of earned aid using the following formula:

Percent earned = Number of days completed up to the withdrawal date / total days in the semester.

Federal financial aid is returned to the federal government based on the percent of unearned aid using the following formula:

Aid to be returned = (100% minus percent earned) x the amount of aid disbursed toward institutional charges.

When aid is returned, the student may owe an outstanding balance to the university. The student should contact the financial services office to make arrangement to pay the balance.

\* Federal financial aid includes the Federal Pell Grant, SEOG Grant, Perkins Loan, Stafford Student Loan and Parent PLUS Loan.

**Scholarships from Outside Sources:** Many agencies, civic groups, churches and even employers give various forms of financial aid directly to the student. It is the student's responsibility to use this assistance to meet the expected payment dates. Outside scholarships awarded on approved criteria may be matched by Drury University.

Many employers provide a generous program of reimbursement for educational expense, but payment to the student usually is made after successful completion of coursework and not at the beginning of the semester. The student is responsible for paying for coursework according to established payment dates.

### Getting and Keeping Financial Aid

**Rule No. 1:** Apply early. Students should begin by contacting the Drury financial aid office.

**Rule No. 2:** Keep financial aid documentation up to date. Not only must application be made in time for an award to be made, but the award **must be claimed** by the student. The award notice provided to the student must be signed and returned according to established deadlines. Deadlines for claiming aid are stringently observed.

### Student Billings

The university normally mails bills on approximately June 15 for the fall semester and on Dec. 1 for the spring semester. Charges are explained in detail and due dates for remittance are indicated.

### The Fine Print

We believe that when the importance of timely tuition/fees payment is understood and when parents and students understand Drury's willingness to arrange an individually appropriate payment plan, it will not be necessary to penalize students for nonpayment. If charges are not met, however, the university has no choice but to pursue the steps necessary for resolution. It is only fair to advise students of consequences of the following actions:

#### **Failure to return financial aid award acceptance by announced deadlines.**

- Money will be given to another student immediately.

#### **Failure to make initial payment for semester tuition.**

- Course registration is incomplete.
- Course spaces may be given to another student.
- Campus services are not available.

### **Failure to meet appropriate payment dates.**

- The total bill becomes due and payable immediately.
- An administrative fee of \$20 will be charged for processing a late payment.
- Interest at the rate of 12 percent annual effective rate will accrue on the outstanding balance due from the date of the missed payment until the account is paid in full.
- Any collection costs or legal fees incurred in collecting an account will be the responsibility of the student/parent.
- The privilege of deferred payments in subsequent semesters may not be permitted.

### **Outstanding balance from a previous semester.**

Until the balance is paid, the student will not be allowed to:

- Register for any subsequent semester.
- Obtain a transcript of academic work.
- Apply for a residence hall.
- Participate in graduation ceremonies.

## **Scholarships and Financial Aid**

Many types of scholarships and financial aid are available for Drury students. Financial aid forms can be obtained after Jan. 1 from a high school counselor or the Drury financial aid office. An applicant should complete these forms and mail them as soon as possible; the earlier the forms are processed, the more possibilities for financial assistance. None of the programs reserve any funds for late applicants.

Students wishing to file for financial assistance at Drury University must complete both the Free Application for Federal Student Aid (FAFSA) and the Drury University Scholarship and Financial Assistance Application. The FAFSA serves as the acceptable application for grant programs. The FAFSA comes with complete instructions and return envelope. The FAFSA can be obtained from high school counselors or the Drury financial aid office. The Drury University Scholarship/Financial Assistance Application can be obtained from the admissions office or the financial aid office.

The FAFSA is a universal application of all colleges/universities nationwide. The FAFSA will be processed by the Federal Processing Agency (U.S. Department of Education). When filed, the student will receive a Student Aid Report (SAR), which he or she must review for accuracy. The financial aid office cannot make an official financial aid award to a student until the student's electronic Institutional Student Information Report (ISIR) has been received by the university. Since this process takes four to six weeks, applicants should complete the form and mail as soon as possible, or transmit electronically via the Internet.

**Note:** Answer all questions accurately and completely to avoid delays in processing that might affect the amount it is possible to receive. Read instructions carefully; this application is the cornerstone of the financial aid search.

### **Determination of Need**

Each year, a formula for determining need is set by the government. The information the student and family provide on the FAFSA is analyzed according to this formula to arrive at an expected family contribution. The difference between the student's family contribution and the estimated total cost of Drury is the amount of financial aid for which the student should be eligible.

### **Eligibility**

The U.S. Department of Education will send the student an acknowledgment of the FAFSA application. The student will receive a Student Aid Report (SAR) from the U.S. Department of Education. If the student does qualify for aid, a financial aid award letter will be sent to the student. The letter will include a list of the kinds and amounts of aid that can be offered. The student should study this list carefully and, if this particular "package" of assistance is acceptable, sign the letter and return it to the Drury financial aid office.

### Eligibility of International Students for Financial Assistance and Scholarships

Government based financial assistance in the form of loans and grants is not available for students who are not citizens or permanent resident visa holders of the United States or its possessions. The university does not provide institutional need-based assistance.

It is important for prospective students to become informed of the full costs of attending Drury and living in the United States for the duration of their studies. The university and the U.S. government require that students document their ability to cover their financial obligations to the university in addition to their estimated personal and living expenses. The university can only issue admission and the Form I-20 (required to apply for an F-1 student visa) to those individuals who submit adequate financial documentation. The university confirms all financial documentation directly through the issuing financial institution before granting admission. Likewise, the U.S. Embassy can only issue student visas to those individuals who submit acceptable financial documentation.

#### International Student Scholarship

International applicants who satisfy all requirements for admission are automatically considered for this award. Criteria for selection include outstanding secondary school (and college or university if applicable) academic records and potential contribution to university life. Amount of awards range from \$1,000 to \$4,000 annually and is renewable with satisfactory academic progress. It is a selective scholarship and the number is limited so completing admission before April 1 is recommended. Funds are not guaranteed beyond that date.

#### Academic Honor Scholarship

Applicants who submit superior academic records and national examination results if applicable based on the educational system of their secondary school and country are considered. Criteria are subject to the variance of educational systems around the world. SAT/ACT scores are not required for scholarship consideration. However, if scores of 1110 SAT or 24 ACT and above are submitted, they are taken into consideration. Amounts of awards ranges from \$1,000 to \$5,000. The recommended deadline for consideration of this award is April 1. Funds are not guaranteed beyond that date. Awards are renewable providing a cumulative 2.75 grade point average (GPA) at the end of the first year and a 3.0 GPA in subsequent years.

#### Drury Scholars

A series of awards ranging from \$10,000 to full tuition, room and board are available on a competitive basis to applicants who submit scores of 1300 SAT or 29 ACT or above and who have earned the equivalent of an American 3.5/4.0 grade point average. Since educational systems vary around the world, careful evaluation is made to ensure that each applicant's academic achievements are properly interpreted.

Candidates must submit: a typed comprehensive listing of honors and activities participated in, two typed letters of recommendation from teachers, counselors, or members of the community and a response to an assigned essay question. The deadline to complete the application and submission of credentials is February 1. The selection process includes an interview of the candidates by the selection committee. For international applicants residing outside the United States, telephone interviews can be arranged. Awards are renewable providing a 3.0 cumulative GPA.

#### Dean

An award of \$1,000 will be given to students who rank in the top two percent of the graduating class. A school official must document class rank. The award is renewable, providing a 3.0 cumulative GPA. The deadline is June 15.

#### Activity Grants: Art, Athletics, Music and Theatre

Departments award grants to students who demonstrate outstanding ability and talent and fit specific performance needs within each department. Amounts, deadlines and criteria vary. Contact each department for details.

## Government Assistance Available

### Grants

Grants are gifts of money. They are based on financial need and the student never has to repay them.

#### Federal Pell Grant

Pell is a federal grant program. About 75 percent of the students receiving Pell grants come from families earning less than \$10,000 per year and 25 percent come from families earning up to \$25,000 per year. Those who qualify can receive from \$200 to \$4,050 per year.

#### SEOG (Federal Supplemental Educational Opportunity Grant)

SEOG is also a federal grant program. These grants are for undergraduate students who could not otherwise continue their education. Qualified students can receive from \$200 to \$4,000 per year.

#### Charles Gallagher Student Financial Assistance Program

Administered by the State of Missouri, this grant requires students to be a U.S. citizen, a Missouri resident and a full-time undergraduate student (12 semester hours). Qualified students can receive up to \$1,500 per year.

### Loans

The federal government gives funds to colleges and private banks to make loans to students. A student must repay the loan after graduation or withdrawal. Before agreeing to a loan, a student should be sure how much interest will be charged and the amount of monthly payments.

#### Federal Perkins Loan

This low-interest loan is made directly to the student through Drury. If eligible, a **full-time undergraduate** may borrow up to \$15,000 for a four-year education.

#### Federal Stafford Student Loan

These loans are available to almost any student regardless of financial need. A bank, credit union, school or state agency could loan up to \$2,625 for the first year, \$3,500 for the second year and \$5,500 for subsequent years. The variable interest rate is capped at 8.25%. Application must be made through Drury University.

The Subsidized Federal Stafford Loan is based on financial need, which is determined by using a federal formula. A loan is 'subsidized' when the government pays the interest during the following periods:

- While enrolled in school at least halftime;
- during the six-month grace period after attending school less than halftime;
- during periods of authorized deferment.

The Unsubsidized Federal Stafford Loan is not based on financial need and is available to all students regardless of income. Because this loan is not subsidized by the government, the student is responsible for all interest that accrues during in-school, grace and deferment periods. The student may choose to make interest payments while in school or may defer (and accumulate) the interest until repayment.

Stafford subsidized and unsubsidized loans may be prorated under certain conditions. Prorated loan limits are used when a borrower's remaining period of enrollment, until completion of his/her academic program, is less than an academic year in length.

#### Federal Parent Plus Loan Program (PLUS)

Parents of dependent undergraduates are eligible to borrow money for their children's educational expenses under this program. Loans are certified by the school and approved by the designated lender. These loans carry an interest rate that is variable, not to exceed 9 percent. The amount of this loan may not exceed the cost of attendance of the student and repayment begins 60 days after disbursement of the loan.



# Financial Affairs

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## Benefits

Benefits are funds extended to certain groups of people under special conditions.

### VA Benefits

Students may be eligible to receive educational assistance under a number of programs offered by the Veterans Administration. Programs include the GI Bill, Selected Reserve, Survivors and Dependents Benefits and Vocational Rehabilitation. A VA representative is available on the Drury campus to help determine eligibility and establish benefits.

### Private Company Benefits

Check with employers to see if they have a program of educational benefits for employees or employees' children.

## Work-Study

### Federal Work-Study Grant Program

Under the Federal Work-Study Program, Drury provides undergraduate students with campus jobs. Work-Study grants are part of your financial aid package and are typically \$2,500. During the academic year, students work approximately 13 hours per week to pay education expenses. Incoming freshmen are automatically placed in food service but may apply for other job openings through the Human Resources office. Position work schedules are coordinated with your academic schedule.

### Other Employment Opportunities

Students may apply for on-campus jobs. For a complete list of student job openings, check the Drury website, [www.drury.edu](http://www.drury.edu), for Jobs @ Drury located on the right side of the home page or call the Student Job Hotline, (417) 873-6911. Some student jobs are funded by private gifts to the university, which have been designated for student employment. For more information, e-mail [hirstudent@drury.edu](mailto:hirstudent@drury.edu) or call (417) 873-7434. Employment applications are accepted in the Human Resources office.

## Drury Assistance Available

Drury has an extensive scholarship and award program designed to acknowledge those students who have demonstrated academic excellence, leadership or other special abilities, **regardless of need.**

To be considered for these awards, students must submit the Drury University Scholarship Application and meet the specific requirements for individual scholarships or awards. We encourage all scholarship applicants to submit a Free Application For Federal Student Aid (FAFSA). (See page 45.)

**Students are advised to submit application for scholarships and awards early in their senior year of high school as funding for all these programs is limited.**

Drury University and NCAA policies prohibit students who receive athletic awards from receiving other 'countable' aid. This includes, but is not limited to the following: Church and Leadership Awards.

**Transfer students** are eligible for consideration for all scholarships.

Scholarships that are awarded by Drury University are funded by an endowment of the university. The Alumni/Development office will contact you at a later date to write an acknowledgment letter to the donor.

All academic honor scholarships will be renewed annually providing that the following standards are met: 1) First-year Drury freshmen must achieve a 2.75 cumulative grade point average or better for the first year and a 3.0 cumulative grade point average for the remaining three years. 2) Transfer students must maintain a 3.0 grade point average or better to renew an academic honor scholarship.

Trustee, Presidential, Samuel Drury and Dean's Scholarship recipients must maintain a 3.0 grade point average at all times. If the above criteria are met and the student has carried a full load each semester (minimum 12 hours), the award will be renewed at the end of each academic year for a

maximum of four years of college or completion of the bachelor's degree, whichever is first (except architecture degree candidates, who are in a five-year program).

### Scholarships

Students must be enrolled full-time (12 hours or more per semester) to be awarded Drury scholarships.

#### Trustee

A full year's tuition (fall and spring semesters), fees, room and board, renewable providing a 3.0 cumulative GPA and full-time status is maintained all four years. This scholarship is in place of the academic honor scholarship. Several Trustee scholarships are available. Students must earn a composite score on the ACT or SAT in the top three percent and have a 3.5 cumulative grade point average to apply for this scholarship.

**What the student needs to submit:** A typed comprehensive listing of activities, two typed letters of recommendation from teachers, counselors, ministers or members of the community and response to a special essay question.

**Deadline for application:** February 1.

**Selection date:** March 10. Interviews will be conducted for all candidates. All candidates must attend the Trustee interview weekend.

#### Presidential

A \$10,000 award, renewable, providing a 3.0 cumulative GPA and full-time status is maintained all four years. To apply for this scholarship, you must score a composite score on the ACT or SAT in the top three percent and have a cumulative grade average of 3.5 or above. This scholarship is in place of the academic honor scholarship.

**What the student needs to submit:** Same requirements as for Trustee scholarship.

**Deadline for application:** February 1.

**Selection date:** March 10.

#### Samuel Drury Award

An \$8,000 annual award totaling \$32,000 for four years to National Merit Finalists or National Merit Semifinalists. Replaces the Academic honor Scholarship and cannot be received in conjunction with the Trustee or Presidential Scholarship. Renewable, providing a 3.0 cumulative GPA and full-time status is maintained all four years.

**What the student needs to submit:** A letter from the National Merit Scholarship Corporation indicating which award was presented to the student.

**Deadline for application:** May 1.

#### Dean

A \$1,000 award will be awarded to students who are valedictorians, salutatorians or rank in the top two percent of the graduating class or have been selected as a National Merit Commended student. Renewable, providing 3.0 cumulative GPA and full-time status is maintained all four years.

**What the student needs to submit:** Proof of student's rank in class from transcript or counselor.

**Deadline for application:** June 15.

#### Academic Honor Scholarship

Scholarships range from \$500 to \$5000 based on ACT or SAT composite scores and grade point average. Renewable, providing a student maintains a 2.75 cumulative GPA for the first year and a 3.0 cumulative GPA for the remaining three years. Full-time student enrollment for the fall and spring semesters is required.

**Freshmen (and transfers with less than 30 hours)** can qualify for this scholarship based on grade point average, test score, or both.

To figure the amount of scholarship:

1. Find the dollar value for highest ACT or SAT score (if applicable).

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2. Find the dollar value for cumulative high school grade point average on a 4.0 scale (if applicable).

3. Add the dollar values together. This is the amount of student's Academic Honor Scholarship.

<b>ACT</b>	<b>Value</b>	<b>SAT</b>	<b>H.S. GPA</b>	<b>Value</b>
32 - 36	\$2500	1390 - 1600	4.0 or higher	\$2500
30 - 31	2000	1330 - 1380	3.7 - 3.9	2000
28 - 29	1500	1240 - 1320	3.5 - 3.6	1500
26 - 27	1000	1160 - 1230	3.3 - 3.4	1000
24 - 25	500	1110 - 1150	3.0 - 3.2	500

**Transfer students (30 hours or more)** will be considered for this award using only the cumulative college grade point average.\*

To figure the amount of scholarship:

1. Find the dollar value for cumulative college GPA on the following scale.
2. This is the amount of student's Academic Honor Scholarship.

<b>College GPA</b>	<b>Value</b>
3.9 - 4.0	\$4000
3.6 - 3.8	3000
3.3 - 3.5	2000
3.0 - 3.2	1000

\* Transfers with 30 hours or more and a cumulative college GPA of at least a 3.0 can be awarded based on the freshman scale (using high school GPA and test score), if their award would be greater with this method.

**What the student needs to submit:** Apply and be accepted for admission to Drury. There is no separate application. Awards are automatically determined.

**Deadline for application:** Funds are limited. Early applications will receive preference. Recommended deadline for this scholarship is March 1.

## Awards

### Church Award

Students who are active in their church and are members of either the United Church of Christ or the Christian Church (Disciples of Christ) are eligible for this award. The award is \$500 per year and is renewable each year with a 2.5 grade point average. Applicants should submit a letter of recommendation from their ministers and their own statement of church involvement to be eligible for this award.

### Clergy Dependent Scholarship

Dependents of clergy in the Christian Church (Disciples of Christ) and, when funds are available, dependents of clergy in the United Church of Christ (formerly the Congregational Church) will receive a scholarship award equal to one-half tuition for the year. Renewable, based on a 2.75 cumulative grade point for the first year and a 3.0 cumulative grade point for the remaining three years.

### Matching Award

Drury will match a limited number of selected awards a student receives from outside agencies (not including federal or state aid) dollar-for-dollar up to \$500. Any combination of outside scholarships cannot exceed \$500 in matching funds. Any combination of Drury scholarships which include matching funds cannot exceed the cost of tuition. The award from the outside agency must have an acceptable academic criteria to be recognized by Drury as a Matching Award. The student must also have a 3.0 cumulative GPA from high school or college in order to be eligible for a Matching Award.

The award must be deemed matchable by the director of financial aid and the director of admission in order for Drury to match any award. Matching awards are renewable with a 2.75 cumulative GPA the first year and a 3.0 cumulative GPA for the remaining three years. Awards will only be matched another year if the outside agency awarding the scholarship will provide it for another year. If this is the case, the outside agency needs to submit a letter informing the office of

financial aid that it will be renewed another year and that academics is still a part of the renewal process.

**What the student needs to submit:** A letter from the awarding agency stating the amount of the award and academic criteria consideration in the selection process.

**Deadline:** Funds are limited. Scholarships will be distributed to qualifying students on a first come/first serve basis. Recommended deadline is June 15.

### Phi Theta Kappa Award

Thirty renewable \$1,000 scholarships per year. A minimum of 3.5 GPA and 30 hours credit at a community college are required. You must be a member of Phi Theta Kappa in good standing. Documentation of Phi Theta Kappa membership is required. You must be a full-time student to be eligible. The award is renewable with a 3.0 GPA.

**Deadline:** July 1.

### Activity Awards

Special talent in art, music, dramatics or athletics may qualify students for a Drury activity award. These are awarded by the respective departments and are renewable, based on the student's level of participation.

For certain activities such as music ensembles, communication and theatre, there are grants available to assist with overload tuition charges. A list of courses which qualify for this special grant is available from the financial services office. Students must make formal application to receive an overload tuition grant.

In addition to the activity awards listed above for degree-seeking students, a special grant is available to musically gifted high school juniors and seniors. Students may, on the recommendation of the Drury University music department faculty and their high school principal or counselor, enroll as special students for a maximum of three credit hours of ensemble and/or applied music per semester. A tuition grant will be extended to result in no tuition charge to the student, although applicable fees for applied music instruction will be charged.

## Drury University Policies Regarding Financial Aid

### Scholarship Policy for Student-Athlete Activity Grants

A Drury student who is identified as a student athlete and who has been awarded an activity grant based on athletic ability will not be eligible to receive Drury University funded scholarships or financial aid awards which include, but are not limited to, the following: campus award, leadership award and/or matching awards in which the major criterion is athletic ability.

A student athlete is not eligible for the aforementioned awards, or for any other types of financial aid, which are considered countable aid as defined by the NCAA. A student also forfeits his/her right to receive these awards should they no longer be identified as a student athlete. Student athletes are advised to contact their respective head coach for details regarding athletic activity grants.

Drury has approved this policy to help facilitate the university's compliance effort to enforce NCAA rules and regulations regarding financial aid (NCAA Bylaw, Article 15).

### General Financial Aid

Financial aid up to the full amount of tuition may be awarded without respect to a student's need by use of certain academic and activity scholarships. Much of Drury's financial aid, however, is awarded on the basis of student need. A student's aid package may consist of federal and state grants, work-study (in which a student is paid for a campus job), loans, a variety of Drury scholarships and grants and any outside scholarships awarded to the student. Drury scholarships and grants cannot be applied to off-campus enrichment programs or foreign study other than at Regent's College in London and at other international institutions with which Drury has formalized exchange agreements.

### Need-based Financial Aid

Every effort will be made to provide students accepted to Drury sufficient financial aid to enable them to attend. Students living in campus housing may receive financial aid to cover tuition, room, board and fees, but the financial aid in aggregate will not exceed need which is separately

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determined. Students not living in campus housing may receive financial aid to cover tuition and fees, but, again, the amount of aid in aggregate will not exceed need.

### Drury Grants and Scholarships

Students must be classified as full-time students to receive any financial assistance funded by Drury University. Drury grants and scholarships are limited to full-time, undergraduate day school students only. Separate financial aid arrangements are available for students enrolled in the College of Graduate and Continuing Studies. Drury scholarships and grants cannot be applied to off-campus enrichment programs, consortium enrollments or foreign study other than at Regent's College in London and other foreign institutions with which Drury has formalized enrollment agreements.

### Transfer Student Scholarships

Transfer students who have 30 hours or more of college credit are eligible for an academic honor scholarship based on their college cumulative GPA only. Transfer students with less than 30 hours of college credit may receive academic honor scholarships based on the same criteria as first-year freshmen. Transfer students also are eligible for other scholarships.

### Scholarship Policy for Spring Semester Applicants

Availability of need-based assistance is limited for students who enroll in the spring semester. Those who qualify may receive the Pell grant and Stafford loan. Application should be made well in advance of the beginning of classes.

There are some scholarships available in the fall to students who enroll in the spring semester. The dean's scholarship, the academic honor scholarship, the church award and the clergy dependent scholarship (see eligibility information for each of these scholarships) are granted to spring applicants on a waiting-list basis. No actual scholarship funds will be awarded for the spring semester. While notice of the award is made during the spring, funding does not go into effect until the following fall semester. In order to receive this assistance in the fall, the student must achieve the required grade point average during the spring. The policy regarding awarding scholarships to spring applicants is subject to change without notice if funding becomes unavailable.

### Eligibility for Financial Aid

Academic scholarships awarded without respect to need except as noted below will be renewed annually provided that students achieve a 2.75 cumulative grade point average or better in their first year and a cumulative grade point average of 3.0 or better during subsequent years. Church, campus and leadership awards require a 2.5 cumulative grade point average. Cumulative grade point averages will be checked at the end of each spring semester to determine eligibility for scholarship renewal.

Financial aid awarded on the basis of need will be renewed annually, on a first-come, first-served basis, provided that students reapply and are not on academic probation.

A student who loses an academic scholarship may be considered for other financial aid if he or she is not otherwise on academic probation.

A student who receives financial aid on the basis of need (federal and/or state financial assistance) and who is on academic probation at the end of a year (spring semester) is not eligible to receive state and federal grants and all Drury scholarships and grants while on probation. If such a student continues to attend and subsequently is removed from academic probation, he or she will be considered again for financial aid. All students receiving any type of federal and/or state financial assistance (Title IV Funds) must make satisfactory academic progress each academic year. A copy of the satisfactory academic progress statement is available in the financial aid office.

Any transfer student admitted on academic probation will not be eligible for financial aid until such time as he or she is removed from probation.

### Satisfactory Academic Progress Requirements For Financial Aid

Federal legislation governing the administration of the Federal Pell Grant, the Federal Perkins Loan, the Federal Supplemental Educational Opportunity Grant (FSEOG), the Federal College Work-Study Program (FCWSP), the Federal Stafford Student Loan Program and the Federal Parent Plus Loan Program requires that eligible institutions define and enforce standards of progress for students receiving financial aid. To comply with the legislation, the following standards of "Satisfactory Academic Progress" have been established at Drury University. All recipients of the

above mentioned forms of financial aid as well as all state funded programs are subject to these standards for renewal of their financial aid.

Institutional financial aid programs are available for eight (8) semesters only unless the student is enrolled in a five-year degree program. Unusual circumstances would justify an appeal to the financial aid director.

Full-time students normally acquire the number of credit hours necessary for graduation in eight (8) semesters. A full-time student is one who is enrolled for 12 to 17 credit hours a semester.

**Minimum Standards Required**

**Full-time students** should successfully complete at least seven (7) credit hours each semester and twenty-four (24) credit hours each academic year and maintain the cumulative grade point average according to the following schedule:

At the end of	Credit hours	Cumulative GPA
2 semesters	24	1.60
4 semesters	48	1.80
6 semesters	72	2.00
8 semesters	96	2.00
10 semesters	120	2.00

Transfer, CLEP and other forms of advanced placement are not considered for this requirement.

**Three-quarter time students** enrolled for 9, 10, or 11 semester credit hours must successfully complete at least nine (9) credit hours each semester and eighteen (18) credit hours each academic year. A cumulative grade point average must also be maintained according to the following schedule:

At the end of	Credit hours	Cumulative GPA
2 semesters	18	1.60
4 semesters	36	1.80
6 semesters	54	1.80
8 semesters	72	2.00
10 semesters	90	2.00
12 semesters	108	2.00
14 semesters	126	2.00

Transfer, CLEP and other forms of advanced placement are not considered for this requirement.

**Halftime students** enrolled for 6, 7, or 8 semester credit hours must successfully complete at least six (6) credit hours each semester and twelve (12) credit hours each academic year. A cumulative grade point average must also be maintained according to the following schedule:

At the end of	Credit hours	Cumulative GPA
2 semesters	12	1.60
4 semesters	24	1.60
6 semesters	36	1.80
8 semesters	48	1.80
10 semesters	60	2.00
12 semesters	72	2.00
14 semesters	84	2.00
16 semesters	96	2.00
18 semesters	108	2.00
20 semesters	120	2.00

Transfer, CLEP and other forms of advanced placement are not considered for this requirement.

**Transfer and readmitted students** who have attended an accredited postsecondary institution will be eligible for financial aid if they are eligible to return to that institution and meet the following conditions:

- a. Students who have attended college as a full-time student for one (1) semester must have successfully completed nine (9) semester credit hours.

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- b. Students who have attended college as a full-time student for two (2) semesters must have successfully completed at least 24 credit hours in the previous two semesters.
- c. Part-time students enrolled on a three-quarter time basis (9, 10, or 11 semester credit hours) must have successfully completed at least nine (9) credit hours each semester and eighteen (18) credit hours each academic year. Students enrolled on a halftime basis (6, 7, or 8 semester credit hours) must have successfully completed at least six (6) credit hours each semester and twelve (12) credit hours each academic year.

### Appeals

Students who do not comply with the satisfactory academic progress requirements may submit a written appeal to the financial aid director if unusual circumstances have affected the student's academic progress. The financial aid committee will review the written appeal. The decision of the committee shall be final.

### How to Regain Eligibility

If a student is denied need-based aid because of lack of progress, courses must be taken at the student's own expense until reaching the minimum number of hours for which aid was previously awarded.

A review of each student's academic progress is made at the end of each semester.

### Priority for Financial Aid

Financial aid is awarded on a rolling basis with the date of receipt of financial aid applications determining the order of award until available funds are exhausted, after which students will be considered for financial aid as funds become available according to their academic and personal promise.

### Time of Notification of Financial Aid Awards

The financial aid office will not send an official letter of award to new students until such time as the student is admitted to Drury University in good academic standing.

### Award of Endowed Scholarships

Unrestricted and endowed scholarships will be awarded as early as possible in developing student aid packages so that donors may be notified of the student receiving the award.

## Note to Students Receiving VA Educational Benefits

### Minimum Standards for Veterans Education

Veterans or eligible people must be formally admitted during the first semester enrolled and must maintain a 2.0 GPA for all courses counted toward graduation. If at any time a veteran's or eligible student's GPA falls below 2.0, they will be placed on scholastic probation for one semester. If at the end of that semester the veteran or eligible student has brought their GPA to 2.0 or better, they will no longer be on scholastic probation. In the event that after the probationary period, the veteran or eligible student did not bring their GPA to 2.0 or better, they will be discontinued from receiving further educational benefits from the Veterans' Administration. The only exception to this rule is: If, after being placed on scholastic probation, the veteran or eligible student achieves a 2.0 GPA for the probationary period, but have not raised their GPA total to 2.0 or better, they will be allowed to continue as long as they can achieve a 2.0 average per semester (except when the veteran or eligible student cannot graduate in the 124 semester hours period with a 2.0 GPA, or better).

### Information You Should Know About VA Benefits

**Punitive (Failing) grade:** A grade assigned for pursuit of a course which indicates unacceptable course work and no credit granted toward graduation for that pursuit. Although this type of grade results in no credit, it is distinguished from a non-punitive grade by the fact that it is considered in determining overall progress toward graduation, in that a penalty is exacted on a school graduation requirement, such as grade point average.

**Drop-add period:** If an eligible veteran or person withdraws from a course after the drop-add period, receives a non-punitive grade for that course and mitigating circumstances are not found, benefits for that course will be terminated effective the first date of enrollment.

The VA representative must be notified if an eligible veteran or person has any changes in enrollment status during a certified period of enrollment.

# Student Services

## Student Activities

Your student activity fees support a wide range of student activities and services. The student activity fees are given to the Student Government Association which allocates these fees to student organizations according to the procedures outlined in *The Constitution of the Student Government of Drury University*. The activities of all Drury University student organizations are organized under the structures of the student government of Drury University.

The student government of Drury University is established as the organization through which the values and ideals of Drury students are implemented. The structure of student government is recognized as three distinct entities that work together to achieve common goals. The three entities are as follows:

- 1) executive council
- 2) student government association
- 3) student body

The executive council is composed of a president, vice president, secretary and treasurer who serve as a liaison between the student body and the Drury University administration. The Student Government Association is a forum of elected student body representatives. The executive council and the student government association convene regularly to carry out the governmental business of the student body.

The student government association, composed of six senators from each class and a faculty/staff advisor, takes an active role in all phases of campus life. The student government association, in addition to governing in the normal province of student affairs, appoints voting student representatives on all student-faculty committees and also has nonvoting representation in other faculty meetings and meetings of the board of trustees.

Student government association provides open lines of communication, promotes cooperation and allocates funds to designated student organizations.

Payment of student activity fees automatically entitles you to receive copies of the student newspaper, *The Mirror*. A portion of your fees is used to finance the university yearbook, *The Sou'wester*. In addition, these fees are used to partially underwrite costs of the campus radio station, KDRU.

The student union board, or SUB as it is commonly known, coordinates such organized activities as lectures, dances, concerts, campus wide events, trips and festivals. SUB membership is voluntary; all students are encouraged to participate in SUB sponsored events.

*The Mirror*, *The Sou'wester*, KDRU, Student Union Board and the student government association are organizations which may handle their affairs independently of each other. However, all of the above organizations work in cooperation with each other as a part of the student government of Drury University and are responsible for complying with *The Constitution of the Student Government of Drury University*.

## Bookstore

The university bookstore, located in the lower level of the Findlay Student Center, offers students a broad range of supplies and services. In addition to new and used textbooks, the store stocks classroom supplies, art and architecture supplies, sportswear, sundries, insignia giftware, greeting cards, magazines, study aids and more.

Bookstore services include convenient check cashing, special book ordering at no charge, postage stamps and buy-back of used textbooks at the end of each semester.

## Food Service

Students living on campus dine at the student center. The campus dining room (Commons) serves three meals a day Monday through Saturday and two meals on Sunday during the semester. It is closed during Thanksgiving, Christmas and spring vacations.

Students on a 15 or 20 meal plan may make special menu or schedule arrangements with the food service at no extra charge if (1) meals are missed due to student teaching; (2) regularly scheduled off-campus work requires absence from the campus at meal times; or (3) medically-certified dietary



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restrictions are not met by the university menu. In the event that a student should withdraw from the university, board is refunded from the beginning of the week following withdrawal.

### Career Center

The Career Center provides integrated career development services to students beginning in the freshman year and continuing through graduation and beyond. The center provides individual career counseling augmented by interest and personality assessments, including the Myers-Briggs Type Indicator, the Strong Interest Inventory, and computerized SIGI Plus and Discover career guidance systems. Services include access to an online job posting system, on-campus interviewing, job fairs, information about occupations and employers, resume assistance, mock interviews, alumni networking, workshops, internships, and job search strategies.

Information about graduate and professional education is also available. Students can make an appointment, drop by during office hours to browse through the materials available in the resource area, or visit the Career Center web page at [www.drury.edu/career](http://www.drury.edu/career).

The center is in room 114 of the Findlay Student Center. You may contact the center by called 873-7284 or by e-mailing [career@drury.edu](mailto:career@drury.edu).

### Student Development

#### (Personal Counseling and Testing Services)

The student development office works with faculty, staff and students to design programs, activities and policies that lead students to become actively involved with the institution and their own education and to create an atmosphere where intellectual and personal development are integrated.

Personal counseling is provided to assist students who have specific emotional, social, or academic concerns that interfere with their ability to learn and to adjust to college. Counseling is confidential and is provided at no cost to the student. Counselors may assist students with stress management, resolution of interpersonal conflicts with family and peers, career and personal goal setting and other concerns. Referral to community based resources is also made available.

The student development office coordinates an interdisciplinary wellness program that educates students about wellness issues and encourages them to develop and maintain healthy life-styles. The prevention of substance misuse is a goal of the office. Programs that enhance campus awareness of substance misuse and related social issues are presented.

The student development office administers and interprets tests and inventories of interest, aptitude and temperament to students as they set and modify academic and career goals. Select nationally administered tests such as the MCAT, C-Base, Praxis, MAT and ACT are administered and the office maintains information about other nationally administered tests.

### International Student Office

The international student office provides support services for international students including orientation, cultural adjustment counseling, immigration information and assistance and social programming. The office is located in the lower level of Findlay Student Center.

### Academic Advising

All faculty serve as academic advisors at Drury University. When students enter Drury, they are assigned an advisor based upon their academic status and interest. Academic advisors serve as resources for students when planning their academic experience at Drury. The Academic Advising Center, located in the Findlay Student Center, provides students with additional resources related to academic planning. Students may visit the Center for up-to-date information on academic programs. The Academic Advising Center also assists students who are undecided about which major or minor to choose. Change of advisor forms are also processed in the Academic Advising Center.

### Community Outreach Center

The **TASK (Taking A Stand for Kids)** program is available to all students who are interested in volunteer challenges directly relating to children in our community. The focus of TASK is to provide

Drury students with mentoring and/or tutoring opportunities as volunteers with at-risk area youth in a variety of situations. Students may also prefer to customize their community service project by choosing to volunteer with a Springfield community organization. The Community Outreach Center and TASK encourages Drury students to become more aware of responsibilities to their community and become active participants through service at Drury. A minimum volunteer time of 1 hour per week, per semester at the volunteer site is recommended. Individual needs, schedules of the Drury students are always considered and volunteer time is arranged to accommodate the student.

Students who qualify for federal work-study grants are eligible to serve as trained literacy tutors in the **Springfield Reads** program. In a partnership with the America Reads Challenge and local Title 1 schools and community agencies, Drury University and its students are dedicated to ensuring that every child in our community reads well and independently by the end of the fourth grade.

**MATHCOUNTS** is a national math coaching and competition program that promotes middle school mathematics achievement through grassroots involvement of educators, college students, industry sponsors and students. Drury University encourages its students who qualify for federal work-study grants to commit themselves as math tutors.

**Make A Difference Day** is a national day of volunteering in which Drury students can be involved in a host of group or individual projects that deal directly with making a difference in our community.

Please contact the Community Outreach Center for more details about any of the above programs, FSC 120 Students Services, 417.873.7809 or volunteer@drury.edu.

### Services for Students with Disabilities

Drury University is committed to providing a hospitable environment to academically qualified students with disabilities and to complying fully with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Services for students with disabilities are coordinated by the director of student development. To begin the process of planning for success, students are encouraged to present appropriate and current documentation well in advance of their first semester of classes. Accommodations will be determined by the director, based on documentation, and communicated to faculty each semester, with the consent of the student. The vice president of student services is the first person to be contacted by a student requesting a review of accommodations or services.

### First-Year Experience Program

The first-year experience begins with admission to the university, summer registration and an orientation program in the fall. During these times, every effort is made to help each student develop a sense of what to expect through contacts with an academic advisor/mentor and upper-class orientation leaders. Academic and social integration into the university are the keys to a successful first-year experience, and the first-year experience program supports this effort throughout the first year. Academic and personal counseling, the mentor classes and group activities, special programming to assist in the transition from high school to college and the opportunity to be involved in a leadership development program highlight the first-year experience at Drury. The Director of the First Year Experience program serves as a resource for all first year students who may be seeking additional assistance with their transition to Drury University.

### Financial Aid Office

The financial aid office is located on the mezzanine of Bay Hall. Financial assistance is made available to students on the basis of financial need and/or scholastic merit and special talents. Entering and continuing students who face financial difficulties or who wish to determine the types of financial aid for which they may qualify are encouraged to contact the director of financial aid.

Financial assistance consists of scholarships, grants, loans and employment offered singly or in package form.

### Student Health Center

Drury offers student health services during fall and spring semesters through a contractual

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agreement with Cox Health Systems. Full time students who have completed and returned their individual student health forms (including physical exam and immunization records) are eligible for these services.

Drury University's health center is supervised by the Cox Health Systems and is located in room 107 of Findlay Student Center. Services are available during fall and spring semesters to full-time (12 hours or more) day students, whose health fees support the center. The health center is not available during the summer semester, after clinic hours, on weekends, or during breaks (fall, winter and spring breaks). A registered nurse is available from 8 a.m. to 3:30 p.m. Monday through Friday when classes are in session. Students who need to see a doctor may be referred to the Family Medical Care Center. This family practice residency program is a part of Cox Health Systems and is located a short distance from campus in Cox North Hospital. Lab fees, x-rays and any procedures needed will be charged to the individual student or to their insurance carrier and must be paid at the time of the visit. After-hours emergency visits are referred to Cox Medical Center North emergency room and are the financial responsibility of the student and the student's family.

In case of illness students should contact the university nurse in the health center between 8 a.m. and 3:30 p.m. At other times students may contact the head resident of their hall or the dean of students office. It is not mandatory to contact these people in case of illness or accident before proceeding to the hospital, but they should be notified as soon as possible.

The university has a detailed communicable disease policy which is designed to protect the health and safety and the rights of all students and employees. Copies of this policy are available in the college health center, the dean of students office and the university human resources office.

### Health Insurance

Drury University requires all students to have proof of medical insurance coverage on file in the dean of students office.

We hope that all students enjoy good health while at Drury University, however, illness and accidents are a reality of life. Recent changes in medical insurance plans (HMO's, PPO's, etc.) make it necessary for families to examine their insurance coverage before students leave for college. Please check to see if there are preferred providers for your plan in the Springfield area. The Health Center nurses are happy to help make arrangements with these providers when this information is available to them.

If students do not have medical insurance, an informational brochure is available in the dean of students office for a group medical insurance plan. (Drury is not affiliated with this plan, but does recommend it as a reasonably priced product for students). This group insurance policy may also be viewed online at [www.ejsmith.com](http://www.ejsmith.com).

### Dean of Students Office

The dean of students office staff provides assistance in the areas of personal development, housing, campus orientation and student organizations. The office is located in Room 201 of Findlay Student Center. Feel free to stop in at any time for information, advice, encouragement or just a friendly conversation.

### Religious Life

Drury University is affiliated with both the United Church of Christ and the Christian Church (Disciples of Christ) and endorses the meaning these ties involve. At the same time it fully respects the right of individual choice in matters of religion and conscience.

In keeping with its tradition, chapel services, on a voluntary participation basis, are conducted under the direction of the college chaplain.

Drury students are encouraged to participate in the life of the church or churches of their choice.

Drury provides a chaplain who represents the Christian heritage of the university. The chaplain is responsible for worship, coordinates religious groups on campus, counsels with students, institutes programs of student service and serves as a resource to focus the attention upon religious and ethical commitments in programs, goals and life.

### Recognition of Student Organizations

Because Drury University is committed to the ideal of personalized education for individual

development and for social living, our formal statement of institutional purpose includes aims and objectives which extend beyond the curricular part of our education program. At Drury the out-of-class experiences of the students are more literally a part of their education than may be true on other campuses. We, therefore, encourage and support a wide variety of organized out-of-class activities and we urge students to participate in them.

In order to insure that these organized activities are consistent with Drury educational policies, we require that they be recognized by the student affairs committee. To be recognized, an organization submits to the committee: 1) a copy of its constitution or other statement of purpose. The formal statement of purpose gives the committee information by which it can judge whether the purposes of the organizations are consistent with the educational policies of the university and offer new opportunities which do not duplicate present organizations.; 2) the name of one or more faculty members who have consented to sponsor the organization; 3) the list of members and officers identifying those interested in activity with the organization.; and 4) the time and place of meetings making it possible for the director of student activities to coordinate this activity with many others in a calendar which reduces conflicts to a minimum. Forms and further information can be obtained from the Student Development Office or from the Student Affairs Committee.

## Student Organizations

### Fraternities and Sororities

Drury University cooperates fully with chapters and national officers in the attainment of the ideals and objectives for which fraternities exist.

There are four national social men's fraternities on the Drury campus: Kappa Alpha, Lambda Chi Alpha, Sigma Nu and Sigma Pi. There are four national social women's sororities on the Drury campus: Delta Delta Delta, Kappa Delta, Pi Beta Phi and Zeta Tau Alpha.

Each of the Greek letter organizations has a faculty member as a sponsor. In matters of common concern, the men's groups are governed by the Interfraternity Council; women's groups are governed by the Panhellenic Council, of which the dean of students is a sponsor. Information about these organizations, rushing, expenses, etc., may be obtained from the dean of students office.

### National Honor Societies

**Alpha Lambda Delta** is a national honorary society for freshmen in which membership is based on a 3.5 cumulative grade average in all academic work in the first semester or first two semesters in college.

**Alpha Psi Omega** is for upperclassmen manifesting a keen interest, outstanding proficiency and distinctive work in the dramatic arts.

**Beta Beta Beta**, an undergraduate biological fraternity, emphasizes sound scholarship, dissemination of scientific truth and research.

**Delta Mu Delta** is the highest ranking honor society recognizing academic excellence in business programs accredited by the Association of Collegiate Business Schools and Programs.

**Kappa Delta Pi** is a national honor society in education for students who have attained excellence of scholarship and distinction of achievement in the field of education.

**Kappa Mu Epsilon** is a national honor society for students who have distinguished themselves in mathematics.

**Mortar Board** is a national honorary society for seniors in which membership is based upon scholastic achievement, leadership and service.

**Omicron Delta Kappa** is a national leadership honor society for seniors which places emphasis upon the development of the well-rounded student, both as a present member of the university community and as a prospective contributor to a better society.

**Phi Alpha Theta**, an international honor society, is a professional society that promotes the study of history through research, good teaching, publication and exchange of learning among historians.

**Pi Delta Phi**, a national French honorary society, recognizes those upperclassmen who have

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achieved excellence in scholarship with special emphasis in French.

**Psi Chi** is the national honor society in psychology. Its purpose is to advance the science of psychology and to encourage, stimulate and maintain scholarship of the individual members in all fields, particularly in psychology.

**Sigma Delta Pi** is the national Spanish honor society, founded in 1919.

Alpha Lambda Delta, Delta Mu Delta, Kappa Mu Epsilon, Mortar Board, Omicron Delta Kappa, Phi Alpha Theta, Pi Delta Phi, Psi Chi, Pi Gamma Mu and Sigma Delta Pi are members of the Association of College Honor Societies, an organization of the highest rank in honorary groups in American colleges and universities.

### Special Departmental and Activity Organizations

**Alliance of Minority Minds (AMM)** promotes wellness, the advancement and protection of minorities within the Drury population with the hope and expectation of unity on campus.

**Allies** is an organization whose goal is to bring awareness to Drury regarding diversity of sexual orientation. It is open to all students on campus.

**American Institute of Architecture Students (AIAS)** provides a liaison between architecture students and the professional world through internship development programs and regional and national forums.

**American Institute of Graphic Arts** (student chapter) promotes excellence in graphic design through competition, exhibitions, publications, educational activities and projects in the public interest.

**American Chemical Society** (student affiliate chapter) is a program of the American Chemical Society for undergraduate students enrolled in course work leading toward a degree in chemistry or chemical engineering.

**Catholic Campus Ministry** is a group inspired by the Spirit, and whose purpose is to empower a community that incarnates Christ within the Roman Catholic tradition. It is the group's vision that each person will realize the unconditional love of God and his/her own inherent radical goodness through the discovery of a personal relationship with Christ. An awakening of God's love will be exemplified primarily in the community celebrations of Eucharist and through Sacramental living.

**Cheerleaders** organize and lead the support at athletic events.

**College Republicans** is Drury's chapter of loyal pachyderms. The Young Republicans participate in local and national political activities. The organization typically canvasses for local candidates, attends watch parties as well as events of the Greene County Republicans and supports Republican candidates for president, congress and the state legislature in this area. Meeting places, dates and times vary.

**Community Service and TASK (Taking A Stand for Kids)** is offered to all students attending Drury University. The focus of TASK is to provide Drury students with mentoring and/or tutoring opportunities as volunteers with at-risk area youth in a variety of situations. Students may also prefer to customize their community service project by choosing to volunteer with a Springfield community organization. Community Service and TASK encourages Drury students to become more aware of responsibilities to their community and become active participants through service at Drury.

A minimum volunteer time of 1 hour per week, per semester at the volunteer site is recommended. Individual needs and schedules of the Drury students are always considered and volunteer time is arranged to accommodate the student.

**Drury Ad Club** is open to any student interested in public relations, advertising or media. The group is affiliated with the Springfield Ad Club and the American Advertising Federation.

**Drury Ambassadors** is a group of students organized for the support of the public relations, alumni and development and president's offices.

**Drury Broadcasting Association (KDRU)** is to support and assist in the development of KDRU radio station through participation in fund-raising, programming and day-to-day operations.

**Drury Cinema Club** has been revived by a group of faculty and students at Drury University. Weekly screenings are held with discussions of select masterpieces of international cinema. The selection of films reflects both the diversity of our campus and the richness of the world cultural traditions. We want to add to Drury's cultural experience by making Cinema Club a fixture on this campus. The club and its activities present Drury students, faculty, and staff with a convenient alternative venue to satisfy their artistic and intellectual needs. Besides, the club is becoming an integral part of this university's nationally acclaimed Global Studies program.

**Drury HIV/AIDS Peer Educators** are trained to discuss and present HIV information. The goal of the Peer Educators is to effectively inform our peers of the transmission and prevention of HIV. Membership is open to anyone interested in the education of HIV. Formal training is required after initiation.

**Drury Running Club** is open to all students, faculty, and staff who enjoy running. Its purpose is to provide encouragement for those who are running and training for fitness and competition.

**Drury Student Teacher Association** is an affiliate of the Missouri State Teachers Association. Its purpose is to provide students interested in a career in education with opportunities for enrichment through relevant activities and speakers.

**The Environmental Club's** programs and activities strive to make Drury an environmentally conscious university campus. The club sponsors volunteer work for local environmental groups such as Ozark Greenways and the Springfield Conservation Nature Center. The club has organized campus-wide aluminum can recycling and initiated recycling centers in Smith and Wallace halls. The club sponsors activities for the week of Earth Day.

**Fellowship of Christian Athletes (FCA)** is a Christian sports-affiliated organization that meets every Wednesday evening. Weekly meetings consist of gathering to fellowship and discuss Christian values from an athlete's perspective. Guest speakers are often invited to speak at meetings and various members lead discussions each week. FCA members work in the concession stand at the home basketball games and participate in an annual lock-in held in the HPER.

**Free Arts Association** is an all-majors association. Field trips, campus events, open forums and art exhibitions are all planned under this organization. All majors are encouraged to join. Students interested in the arts - performance and visual - are all included.

**French Club** is an organization of students who are interested in acquiring a taste of French culture along with the opportunity to hear and practice spoken French. The emphasis is on the active participation of the student without the pressure of grades or criticisms.

**German Club** gives students the opportunity to learn about German culture.

**Habitat For Humanity** is an organization of students and faculty who wish to provide low cost, quality housing for working families who need financial assistance.

**Hall Council** serves as a student representative organization that helps enhance the community of the residence halls. They make decisions on a range of issues including discipline actions for those who violate residence hall policies, amend residence hall policies, create programming, administer appeals process for off campus living and determine fines for students who violate residence hall policies.

**Indian Student Society** is a sociocultural organization. Its main purpose is to provide social and cultural activities for its members and interested nonmembers. It enables persons of Indian origin to enjoy such Indian events as they might otherwise miss and help others to appreciate the rich cultural heritage of India by raising awareness about the region.

**International Students Association** promotes goodwill, friendship and harmonious understanding among all students.

**Logos** is an organization dedicated to furthering the moral and spiritual beliefs of Drury students.

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**Math Club** is open to any student interested in mathematics. The purpose is to promote mathematical activities on campus.

**Phi Alpha Delta** is an international social fraternity for pre-law students, law students and lawyers. It prepares interested pre-law students for a career in law through relevant activities and by providing procedures and literature for entering law school.

**Phi Beta Lambda** is an organization open to any Drury student interested in the field of business administration regardless of major.

**Philosophy and Religion Club** is open to all students who wish to participate in activities to promote understanding and appreciation of philosophy and religion.

**S.I.F.E. (Students In Free Enterprise)** is an international group of students who learn team building skills and leadership qualities through free enterprise education. Selection of Drury's interdisciplinary team is based on academic performance, demonstrated leadership ability and communication skills.

**Silver Halide Society** is for students interested in photography.

**Society for Collegiate Journalists** is a national honor society recognizing students for their work with the student newspaper, yearbook or radio station. They organize several events during the year, such as a campus poetry contest, the "Day in the Life of Drury University" photography shoot and an area school journalism contest.

**Sociology Club** is open to any student interested in sociology. The purpose is to sharpen awareness of how sociology relates to today's world.

**Sou'wester:** The *Sou'wester* is the university yearbook. The *Sou'wester* office is located in Shewmaker Communication Center.

**Spanish Club** is an organization open to all students interested in the Hispanic culture.

**Student Government Association** is composed of the student body president and vice-president, six senators from each class and a faculty advisor. The Student Government association takes an active role in all phases of campus life. In addition to governing student affairs, the Student Government Association appoints voting student representatives to all faculty/student committees. The aim of the Student Government Association is to secure cooperation among the various campus organizations and to maintain good understanding and cordial relationships among students, faculty and administration. All Student Government Association positions are elected by the student body. Student Government Association meets on Thursdays in Findlay Student Center, Room 204 and is open to all students.

**Student Union Board** is a student group whose purpose is to conduct activities which will benefit the social and cultural atmosphere of Drury's campus as a whole. Some of these activities include lectures, dances, concerts, campus wide events, trips, festivals, homecoming, wellness activities and comedians. The board consists of 24 members who are in charge of 11 committees. Anyone interested in getting involved may apply during the spring semester at the dean of students office.

**The Mirror:** *The Mirror* is the student newspaper, reflecting life at Drury University since 1885.

Writers, reporters, photographers and advertising sales representatives are always welcome at the weekly meetings. You do not have to be elected to work on *The Mirror*. As part of the staff, you will gain valuable and extensive newspaper experience and have the opportunity to meet fellow journalist-types through the Missouri College Newspaper Association and the National Associated College Press.

**Women in Communication** is open to any student interested in promoting the advancement of women in all fields of communication.

**Young Democrats** is open to students wishing to familiarize themselves with political and party issues. Its purpose is educational and political.

## Procedures

### Student Records

In accordance with Public Law 83-380, Family Educational Rights and Privacy Act of 1974 (frequently referred to as the Buckley Amendment) the personally identifiable educational records of each student are open for inspection by the student except in limited cases where the privacy, confidentiality or professional privilege of another person is involved. Presently and previously enrolled students should check with the appropriate office to determine the procedures for inspection of their own records. Records are filed in the offices of the registrar, director of advising, financial aid, career center, student health service and dean of students. Notwithstanding the above list, certain records are not available for inspection. These include: financial records of parents, confidential letters of recommendation, personal records of educational personnel (e.g., instructor's grade book), security records and medical or other professional records, except that the student may have a qualified professional examine the medical record on the student's behalf.

The student has the right to a copy of the record(s) so inspected, with the cost of the reproduction assessed to the student. The student may challenge an inaccurate record and request a hearing concerning any alleged inaccuracy contained therein. Any challenge must establish by a preponderance of evidence that the record is inaccurate. If desired, the student may submit a written explanation of a record's content, which then becomes a part of the record.

In the absence of an official request, information contained in the student's records remains confidential between the student and Drury University and will not be released to third parties without the consent of the student with the following exceptions: information for the university directory, information needed by Drury officials, information requested by federal or state educational authorities, information released pursuant to state law of subpoena, information requested by accrediting agencies, academic information requested by parents of dependent students, information needed in connection with the receipt of financial aid and information requested by officials of other schools to which the student is seeking admission.

If a student has reason to believe that his or her records are in any way inaccurate, misleading or otherwise in violation of the student's right to privacy, a hearing may be requested through the dean of the college. A review panel will afford the student a full opportunity to present evidence in support of the challenge and will render a decision within a reasonable time after the hearing.

The university assumes student consent in listing as public information academic honors such as listing the student's name on the dean's list or graduation. The student who does not wish his or her name to be included in recognition of such honors should notify the registrar in writing.

### Change of Name, Address, Marital Status

In order that the university may keep accurate records, students who change their name, marital status, or local or home address should notify the registrar's office or the dean of students office immediately.

### Withdrawal

Students who are considering withdrawing from Drury during the semester (after registration has been completed and before the last week of classes) should initiate the withdrawal process at the registrar's office in C. Arch Bay Hall. **Nonattendance of classes does not constitute official withdrawal.**



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### Official Leave

Students who wish to interrupt their degree program for a special internship or learning experience outside the regular curriculum should request, in writing, the permission of the dean of the college.

### Student-Faculty Committees

Faculty members on student-faculty committees are elected by the faculty. Student members are appointed by the student government association.

#### Academic Affairs:

Interprets the academic standards set by the faculty as they apply to individual students who may be referred by the dean's office.

Reviews grading policies and practices and makes recommendations to the faculty regarding changes for improvement; reviews probation policies and practices and makes recommendations to the faculty regarding changes for improvement; reviews special cases which may be referred by the dean of the college, and which may involve dismissal for academic reasons; acts upon requests to deviate from approved academic standards in unusual or exceptional cases.

Interprets the policy of the faculty in regard to the academic program; clears proposed changes in the curriculum (deletion and addition of courses); recommends to the faculty possible changes in departmental alignments, divisional structure, curricular emphases or academic programs.

Develops policy and programs involving our students and faculty in foreign study, in bringing an international dimension to our curriculum and in bringing foreign scholars and faculty to the campus; awards international education scholarships, advises students on foreign study and scholarships including Rhodes and Fulbright.

#### Admission Council:

Acts upon applications submitted by students seeking admission to Drury University; evaluates the transcripts and records of transfer students asking for advanced standing, advises the director of admission; makes recommendations to the president regarding admissions policy.

#### Athletic Council:

Keeps records of the established university policies with reference to intercollegiate athletics; interprets these policies for implementation by the director of athletics; recommends any changes in policies for faculty action. The chair of this council and other designated members are the official representatives from Drury University to NCAA and other bodies having to do with intercollegiate athletics.

#### Honorary Degree:

Receives nominations for honorary degrees from faculty, administration and the board of trustees and makes recommendations to the faculty of its selection.

#### Student Affairs:

Develops policies pertinent to all areas of student life and recommends them to the faculty and student government association for approval; serves as a vehicle for exchange of information regarding campus conduct and conditions of university life between faculty and administration and the student body; makes suggestions to and receives proposals from all ad hoc committees working with special areas of student life.

### Faculty Guest Policy

To stimulate closer relationships with Drury University faculty and administration, social organizations are expected to invite faculty and/or staff to their special functions, and faculty and/or staff members are encouraged to attend social functions to which they receive an invitation. Social organizations are expected to invite a minimum of two faculty and/or staff members to each social event. Faculty members are encouraged to attend student social functions from the time they begin until the time they terminate. The sponsoring organization is responsible for enforcing policy, and faculty and/or staff guests shall have no responsibility therefore. Social organizations are encouraged to seek the wisdom of faculty and/or staff guests if and when they feel such assistance would

be appropriate.

### Appeal of Final Course Grade

Students should be protected from prejudice and capriciousness in the awarding of grades. They are entitled to a reasonable explanation of their performance in relation to the standards of the course. They are also entitled to 1) a review of their grade by a responsible group of faculty members in such cases where the student can establish a reasonable doubt that the grade was awarded fairly and 2) a reconsideration of the grade where prejudice or capriciousness is established. A student may appeal a final course grade by the following steps:

**Step 1.** If a student has a question concerning the final grade, he or she should discuss the matter with the faculty member within the first three weeks of the following semester. If the faculty member who awarded the grade is not on campus during the regular term, the student should contact the academic dean or the department chair. When the faculty member who awarded the grade is not available, the department chair or someone designated by the chair would, in normal circumstances, be responsible for reaffirming or adjusting the grade. The original faculty member would be consulted whenever possible. If no agreement is reached between the student and the faculty member, the student must file an appeal letter with the office of the academic dean by the end of the fourth week.

**Step 2.** The chair of the department concerned then mediates negotiations between the faculty member and the student (normally for two weeks, or the fifth and sixth weeks of the term). If the department chair is the faculty member concerned, the academic dean will appoint a mediator.

**Step 3.** If mediated negotiations are unsuccessful, the student may file a formal written petition with the AAC before the end of the eighth week of the semester stating the reasons why he or she feels the grade was awarded in a prejudicial or capricious manner and presenting evidence to support the case. As with other petitions, the student may request the presence or absence of the AAC student representatives. The petitioning student will be responsible for presenting any papers, tests, or exams which were returned to him or her. The faculty member will be responsible for making available any papers bearing on the case, which were not returned to the student.

The AAC receives the petition and based on their experience as educators and their evaluation of the fairness of the grade, decides by a simple majority vote whether to hear the case. If they choose not to hear the case, the committee has completed its review of the appeal. If the AAC decides to hear the case, the student and the faculty member will present any evidence or other information that is required by the AAC. In those cases where a member of the committee is involved as the faculty member who awarded the grade, that member shall resign from the case and the Faculty Affairs Committee, serving as a nominating committee, shall appoint another faculty member to serve on the AAC to hear the case. The committee may also call for whatever other information members deem significant to their decision including testimony from the mediating faculty member from step two above. The mediating faculty member will also be heard if he or she so desires.

The AAC will then decide if prejudice or caprice was involved in determining the final grade. A 2/3 majority vote is required to establish prejudice or caprice, in which case the grade will be reconsidered. In the absence of a 2/3 majority vote, the case is closed.

**Step 4.** In reconsidering the original grade, the department chair, in consultation with the AAC, should review all pertinent materials. If a change in grade is deemed warranted, the new grade will be established by the department chair in consultation with the AAC. If the department chair is the faculty member who awarded the grade, the same person who functioned as mediator will determine the grade.

**Step 5.** All decisions of the committee on such petitions will be subject to automatic review by the academic dean and thereafter move into the normal channels of the university.

### Judiciary Code

#### Procedural Standards in Discipline Proceedings

**General Statement:** In all situations, procedural fair play requires that students be informed of the nature of the charges against them, that they be given a fair opportunity to refute them, that the institution not be arbitrary in its actions and that there be provisions for appeal of a decision.

1. Any academic or administrative official, faculty member or student may file charges against

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- any student for misconduct. In extraordinary circumstances, the student may be suspended pending consideration of the case.
2. a. The institution may make a preliminary investigation to determine if the charges can be disposed of informally by consent without the initiation of disciplinary proceedings.  
b. The institution may make a preliminary investigation to determine if disciplinary action can be agreed upon through mutual consent. Such disposal will be final and there will be no subsequent proceedings or appeals.
  3. All formal charges shall be presented to the accused student in written form and he or she shall respond within five school days. If requested by the student, a time shall be set for the hearing which shall not be less than five, or more than ten, school days after the student response.
  4. Hearings shall be conducted before the regularly constituted hearing committee.
    - a. No member of the hearing committee who is otherwise interested in the particular case should sit in judgment during the proceedings.
    - b. The student appearing before the hearing committee should have the right to be assisted by an advisor of his or her choice.
    - c. Hearings shall be private if requested by the accused student. In hearings involving more than one student, severance shall be allowed upon request.
    - d. The student should be given an opportunity to testify and to present evidence and witnesses. He or she should have an opportunity to hear and question adverse witnesses. In no case should the committee consider statements against the student unless he or she has been advised of their content and of the names of those who made them, and unless the student has been given an opportunity to rebut unfavorable inferences which might otherwise be drawn.
    - e. All matters upon which the decision may be based must be introduced into evidence during the hearing. The decision should be based solely upon such matters. Improperly acquired evidence should not be admitted.
    - f. In the absence of a transcript, there should be a digest and a verbatim record, such as a tape recording, of the hearing.

### Judicial Authority

The Drury judicial board shall be composed of three faculty members and five students who are to be nominated and confirmed by the Student Government Association. The judicial board shall elect one student member as presiding officer. Neither a faculty member nor a student involved in the formulation of policy relating to student life will be eligible to serve on the judicial board. Subject to confirmation by the student government association, after serving for one year, members of the judicial board shall continue to serve for a period of two years or until they leave this institution. The decision of the judicial board should be final, subject to the right of appeal to the president or ultimately to the governing board of the institution.

### Sanctions

The following sanctions may be imposed upon the students:

1. **Warning:** Notice, orally or in writing, that continuation or repetition of conduct found wrongful within a period of time stated in the warning, may be cause for more severe disciplinary action.
2. **Disciplinary probation:** Exclusion from participation in privileged or extracurricular institution activities as set forth in the notice for a period of time not exceeding one school year.
3. **Restitution:** Reimbursement for damage to or misappropriation of property. This may take the form of appropriate service or other compensation.
4. **Suspension:** Exclusion from classes and other privileges or activities as set forth in a written notice not to exceed two years.
5. **Expulsion:** Termination of student status for an indefinite period. The condition of readmission, if any, shall be stated in the notice of expulsion

### Student Complaint Policy

It is the philosophy of Drury University to be responsive to student concerns. If students feel that they

have been treated in an inappropriate or unfair manner, they should file a formal complaint with the appropriate officer of the university. Those officers are the president, the vice president for academic affairs, the vice president for student affairs and the vice president for administration. When in doubt regarding the appropriate officer for a particular complaint, the student is encouraged to contact the office of any of the officers mentioned above.

### Sexual Harassment Policy Statement and Complaint Procedure

#### **Policy Statement**

Drury University is committed to excellence in education and believes that excellence may only be reached in an environment free of sexual harassment. Sexual harassment threatens the careers of students, faculty and staff and undermines the mission of the university. Drury affirms that sexual harassment is unacceptable and will not be condoned; and its intent to provide an environment for students and employees which is free from sexual harassment.

It is the policy of Drury University that a member of the faculty shall not engage in amorous or sexual relations with, or make amorous or sexual overtures to, any student over whom he or she holds a position of authority with regard to academic or administrative judgements and decisions.

#### **Definition**

Sexual harassment is the use of personal authority or power to coerce or influence another person into unwanted sexual relations or to create a sexually intimidating, hostile or offensive academic or work environment.

Sexual harassment is defined as unwelcome sexual advances or comments, requests for sexual favors and other verbal or physical conduct of a sexual nature. These actions constitute sexual harassment when, a) such conduct has the purpose or effect of unreasonably interfering with an individual's academic or work performance, or creating an intimidating, hostile, or offensive academic or work environment, or b) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's academic or employment retention or advancement, or c) submission to or rejection of such conduct by an individual is used as the basis for academic or employment decisions affecting the individual.

#### **Sanctions**

Violators of this policy will be subject to sanction ranging from letters of reprimand to dismissal, according to the severity of the offense.

#### **Implementation**

In support of this policy, the university shall conduct periodic orientation and educational programs for faculty, students and staff on the nature of sexual harassment in order to ensure an academic and work environment free of sexual harassment.

#### **Procedure For Handling Sexual Harassment Complaints**

A member of the Drury University community who feels she/he has been sexually harassed should advise one of the following individuals: the dean of the college, the dean of students, the human resources officer or the chaplain.

The individual contacted will in turn see that the appropriate officer of the university is aware of the complaint and that an investigation of the complaint is made. The appropriate officer for a complaint against a faculty member is the dean of the college; for complaint against a staff member, the human resources officer; for a complaint against a student, the dean of students.

The investigation of the complaint will be conducted by one or a combination of the above listed officers and should adhere to the following guidelines:

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1. The investigation shall be conducted by the appropriate officer(s) as soon as possible after the complaint has been received.
2. The investigation should be done as discreetly as possible with the identity of the parties involved and the information collected treated as highly confidential.
3. The individual making the complaint in good faith shall have no fear of reprisal.
4. At the time a formal investigation is undertaken, the individual shall make the complaint in writing.
5. The results of the investigation will be reported in writing to the parties involved.

If the investigation proves the complaint valid, appropriate counseling will be provided and/or disciplinary action may be taken. If disciplinary action is deemed appropriate, it will be determined by the president in consultation with the investigating officer(s). Sexual harassment is a serious matter which may lead to dismissal of the student or employee. It is grounds for termination of tenured faculty.

If the disciplinary action involves a faculty member who feels she/he has been misjudged, she/he has recourse to the Grievance Committee through the Academic Freedom And Tenure Policy, regulations 5 and 6, as stated in the *Faculty Handbook*.

### Protocol for Assistance to Student Victim of Sex Offenses

#### Policy Statement

1. Assistance Available: Special assistance is available to student victims of sexual offenses by calling the safety and security department at (417) 873-7911. Such assistance is available 24 hours a day through the entire year.
2. Calls for Help: Upon receiving a call that a sex offense has occurred, the safety and security officer will determine if the victim or others are in any immediate danger, the victim's first name or other means by which the victim can be identified, the nature of the offense and the present location and phone number where the victim may be reached.

*Immediate Danger:* If the officer believes there is a clear and immediate danger to the victim or others, or if there are serious injuries or trauma, the on-duty safety and security officer and the Springfield Police Department will be notified. When the immediate danger is past, the help of a Missouri Victim Center counselor will be offered.

*No Immediate Danger:* When there is no indication of immediate danger, the officer will encourage the victim to accept the help of a Missouri Victim Center counselor, who has been trained to provide such assistance. The on-call safety and security supervisor will be contacted and assume charge of the situation.

*Consent for Help:* If the victim consents to talk with a counselor, the officer will immediately contact the Missouri Victim Center for assistance. The officer then will contact the victim to give him or her the name of the proposed counselor. The victim then may ask for a different counselor if the proposed counselor is known to the victim or unacceptable for any reason. In such an event, the officer will request another counselor who is available and then repeat the identification process. When a proposed counselor is approved by the victim, the officer will call immediately the Missouri Victim Center.

*Refusal of Help:* If the victim declines to talk with a counselor, any information obtained by the officer will be reported to the dean of students.

3. Information: The officer will provide the victim with the following information, including telephone numbers for the referral sources:
  - a. The victim's right to anonymity;
  - b. The university's willingness to appoint a person to serve as the victim's liaison with university officials and other parties, including service as the victim's advisor in any disciplinary proceeding against the alleged offender;
  - c. The availability of medical treatment, counseling services and other resources;
  - d. The procedures for reporting the incident to the safety and security Department, the Springfield Police Department, or other appropriate law enforcement agencies;
  - e. The university's procedures for the disciplinary action against students found guilty of sexual offenses; and
  - f. The availability of local attorneys for legal counsel.

4. **Medical and Counseling Assistance:** The officer will strongly encourage the victim to seek medical treatment or examination, if needed, and offer to arrange transportation to a local hospital. Should the victim desire counseling, the officer will offer to make the necessary arrangements.

*Rape Kit.* If the sexual offense involved sexual intercourse, the officer will inform the victim about the importance of the rape kit (if the sexual intercourse occurred within the previous 72 hours) in order to preserve evidence. The Rape Kit procedure can be performed at a local hospital.

*Support and Safety.* Should the victim require medical examination or treatment, the officer can remain outside the examination or treatment room during the examination or treatment and then return the victim to his or her residence or, if necessary, to a safe place other than the victim's residence.

5. **Report of Offense:** When time permits, in an area free from distractions, the officer will interview the victim and complete an offense report form.

*Victim's Statement.* The officer will provide the victim's account of the offender's actions and any relevant background information.

*Other Information.* The officer also will seek and identify in the report as much potential corroborating information as possible.

*Three Options.* The officer will provide information to the victim concerning the options for reporting the alleged sexual offense and will use one of the following three formats as selected by the victim:

*a) Anonymous Report.* The report will not include the name of the victim or other information about the victim's identity. The report will be used solely for information to enhance prevention programs and to prepare statistical records. The report will be signed by the officer, who will verify that the victim has requested that no further investigation or action be undertaken.

*b) Signed Report.* The report will include the name of the victim, but will be used solely for the statistical and informational purposes of an anonymous report. The report will be signed by the victim and will verify that he or she requests that no further investigation or action be undertaken.

*c) Formal Complaint.* The report will be signed by the victim and will request further investigation and appropriate disciplinary action.

*Preferred Option.* Absent special circumstances, the officer will encourage the victim to choose the third option for a formal complaint.

6. **Confidentiality:** Regardless of the type of report, the name of the victim and other information about the victim's identity will be kept confidential by the officer and other university employees.
7. **Filing of Report:** Promptly after the completion of a report, the officer will deliver the original copy of the report to the dean of students and a photocopy of the report to the director of safety and security. Upon receipt of a report, if the director of safety and security determines there is a safety threat to the community, the victim will be consulted and an appropriate warning will be issued to the community.
8. **Change of Program or Residence:** The university will change the victim's class schedule, or the victim's location in the university housing system, if the victim requests such change and the new classes and/or the new location can be reasonably provided.
9. **Disciplinary Action:** If the report requests disciplinary action, and if the offender is a student, then the dean of students will review the complaint for action pursuant to the student conduct code. The policy for student disciplinary cases is established by the student conduct code and copies are available for review in the dean of students office. Disciplinary action under the Drury University student conduct code is independent of any legal proceedings. This action may run concurrently with or in addition to any law enforcement investigation or court proceedings.

The following sections of this protocol summarize some of the steps in the disciplinary procedures implemented by the dean of students.

10. **Parties:** In the disciplinary process, the victim of a sexual offense is referred to as the complainant and the student who offended the victim is referred to as the accused student.

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Collectively, the complainant and the accused student are referred to as the parties for the particular case.

11. **Gender Balance:** The dean of students may elect to handle sexual offense complaints in cooperation with another faculty or staff member of the opposite sex in order to eliminate the risk of any gender bias, either perceived or real.
12. **Administrative Resolution:** The dean of students will conduct an investigation to determine if the complaint has merit. Unless the complaint is found to be without merit, the dean of students will seek to resolve the matter administratively by determining the nature and severity of the violations and by reaching an agreement with the accused student on the appropriate sanctions for such violations. The dean of students will confer with the complainant prior to completing an agreement with the accused student. If the complainant is dissatisfied with the completed agreement, the complainant may appeal to the university judicial board.
13. **Written Charges:** If the complaint cannot be resolved administratively by mutual consent, the dean of students will prepare written charges against the accused student, unless the dean of students finds there is no probable cause (that is, reasonable grounds) for the filing of charges. The charges will be forwarded to the university judicial board and copies will be sent to the accused student and the complainant by the dean of students.
14. **Hearing Date:** The judicial board will set the time and place for the hearing and both the accused student and the victim will be given notice of the hearing at least one week in advance of the date. Either party may request the board to delay the hearing for good cause.
15. **Hearing Guidelines:** The hearing will be administrative in nature and every attempt will be made to assure a fair and impartial hearing. Following is a summary of the guidelines for such hearings.

*Closed Hearings.* Hearings will be conducted in closed session. The parties may be present during the hearings, but may not be present during the deliberations of the board.

*Advisors.* The complainant and the accused student each will have the right to be assisted by an advisor, who is a full-time student, faculty, or staff member of the university.

*Admission of Others.* Admission of witnesses and other persons to the hearing will be subject to the discretion of the board, as permitted by the Family Educational Rights and Privacy Act.

*Witnesses.* The parties will have the privilege of presenting witnesses and the board may call additional witnesses.

*Cross-Examination.* The members of the board may question and cross-examine witnesses. The parties and/or their advisors may not cross-examine witnesses or other parties, but may suggest questions to be asked by the chair of the board.

*Deliberation and Voting.* After the hearing, the board will deliberate and then determine by secret ballot whether a majority of the members believe the accused student violated the student conduct code.

*Standard of Required Proof.* The board's determination will be made on the basis of whether it is more likely than not that the accused student violated the student conduct code, which is equivalent to the "preponderance of the evidence" standard.

*Reopening of Hearing on Question of Sanctions.* If the board finds that the accused student committed one or more violations of the student conduct code, the board may recall the parties, and any other witnesses, to receive evidence or statements about the appropriateness of disciplinary sanctions. Such evidence may include testimony of character witnesses on behalf of the accused student, evidence of prior acts of misconduct, and/or a victim's impact statement.

*Disciplinary Sanctions.* Based on its findings of violations, or the lack of violations, and its information about the appropriateness of sanctions, the board will determine the disciplinary sanctions to be recommended to the dean of students for imposition against the accused student.

*Announcement of Decision.* Upon conclusion of its deliberations, the board then will recall the parties to announce its decisions.

16. **Special Provisions:** Due to the special problems of sexual offenses, the following procedures also will be utilized by the board.

*Room Divider.* The board will install a screen divider between the complainant and the

accused student in order to prevent eye contact between the parties during the hearing.

*Participation by Telephone.* If the complainant does not believe the divider screen will be adequate, the board will offer to the complainant the opportunity to testify at the hearing and to listen to the proceedings of the hearing, through speaker telephones located in the hearing room and in a separate room assigned to the complainant by the board. Only the complainant and his or her advisor may be present in the assigned room.

*Corroborative Evidence.* The board will make a bona fide effort to avoid any re-victimization of the complainant and shall seek out all avenues of corroborative evidence identified by the complainant without limiting itself to statements of the complainant and the accused student. If necessary, the board may recess its hearing to a later announced time when further evidence may be available.

17. **Imposition of Sanctions:** If the board finds that an accused student violated the student conduct code, then the dean of students will impose appropriate disciplinary sanctions and give written notice of the sanctions to the accused student and the complainant. The sanctions may be the same as, less than, or greater than the sanctions recommended by the board.
18. **Notice of Rights to Appeal:** The dean of students will provide written notice to the accused student and the complainant about the board's decisions and the resulting actions by the dean of students. Such notices will include information about each party's right of appeal under the student conduct code.
19. **Appeals:** Either party may appeal decisions in the case to the president of the university. Appeals are limited to reviews of the official records. Appeals do not include additional hearings.

Questions about this protocol may be directed to the dean of students or the director of safety and security.

### Violence in Higher Education

Drury is concerned for the safety of its students, faculties and other citizens. In order to ensure that the environment at Drury avoids violence and to protect students, faculty and other citizens of our learning community, the following Violence in Higher Education policy applies to all students, faculty, staff, visitors and others who are on the Drury campus or whose communications or actions affect Drury or its students, faculty, staff, visitors and other citizens with any connection to Drury:

- Threats or implied threats of physical violence, physical intimidation in any form and violent behavior by or at the direction of a person are strictly prohibited.
- Possession of any type of weapon on university property, including parking lots and green space, is strictly prohibited unless the individual has university approval through association with a public law enforcement agency, or has registered the weapon with the director of safety and security, and has written permission from a vice president or president. In the case of firearms, the policy applies whether or not the weapon is loaded and whether or not it is capable of being fired.
- Any person who feels that he or she or another person has been threatened in any way on Drury property, at any Drury activity, or by any person related to Drury in any way must immediately report the threat to the director of safety and security or another member of the administration. Drury will investigate the threat and take appropriate action. Students, faculty and other Drury citizens are required to cooperate fully with any investigation by or at the request of Drury.
- Former employees who left involuntarily or students who have been dismissed from the university or denied admission for reasons other than academic performance are prohibited from Drury property and will constitute as trespassers, unless they are participating in a public university program and have not been requested to depart.

Any violation of this policy will be dealt with through disciplinary action, up to and including separation from the university.

### Policy and Ethics Statement for Use of Computer Resources

#### I. Statement of User Responsibility:

- A. The use of all computer accounts and resources is the personal responsibility of each account



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holder. Use of Academic Computing resources must be consistent with institutional policies governing how we conduct ourselves as members of the community including policies regarding cheating, plagiarism, harassment and theft. Other campus policies are not altered by the use of computer resources and shall apply to all misuse of the resources. It is the computer user's responsibility to comply with all general campus, as well as computing, policies.

- B. Academic Computing services and resources are made available to support the academic programs and activities of Drury University. Use of those services and resources is a privilege that is not to be abused and can be taken away without prior consent or when required by law or when there is a substantiated reason to believe that violations of law or policy have occurred. In time-sensitive cases, access may be restricted to meet critical operational needs. Any inappropriate, illegal, unethical or immoral use constitutes a violation of this policy whether or not it is specifically identified below. Any activity intended to damage Academic Computing resources or any individual is a violation of the policy.
- C. Each computer user is responsible for the storage of personal files created on Drury computing facilities. Hard disks will be routinely cleared of files. Under no circumstances will Drury University be held responsible for any files stored on or deleted from its hard disks.
- D. Each computer user is responsible for taking reasonable care for the security of his/her campus account and password. For example, one should change his/her password frequently; one should not under any circumstances give his/her password to another person.

### II. Examples of Appropriate Uses of Computer Resources Include:

- A. Faculty research;
- B. Student research;
- C. Class assignments;
- D. Instructional use in classes

### III. Examples of Inappropriate Uses of Computer Resources Include:

- A. It is a violation of university policy to use computer resources for any purpose unrelated to the mission of the university.
- B. It is a violation of university policy to use computer facilities for cheating. This includes unauthorized copying, installation, sending or receiving of programs, assignments or files.
- C. It is a violation of university policy to send unsolicited annoying or obscene messages or mail to another computer or computer user.
- D. It is a violation of university policy to utilize a false identity in obtaining or utilizing an E-mail account.
- E. It is a violation of university policy to display adult web sites (specifically those self-identified as such) or other obscene materials in public labs in view of other users. Such conduct is considered sexual harassment, i.e., an action "that has the purpose or effect of unreasonably interfering with an individual's academic or work performance, or creating an intimidating, hostile, or offensive academic or work environment" (from the university's Sexual Harassment Policy Statement)
- F. It is a violation of university policy to examine, or attempt to examine, another computer user's files or mail, without explicit permission by the owner of those files or mail.
- G. It is a violation of university policy to interrupt, hinder, or otherwise interfere with the normal operation of the computer labs and network.
- H. It is a violation of university policy to post copyrighted text or images on a web page without the owner's permission.
- I. Fraudulent use of computer accounts, networks, mail services or other resources is a criminal offense. Missouri state law (RSMo 569.093-569.099) makes unauthorized access and interference with computer systems, computer data and other computer users illegal.

### IV. Privacy Issues and Access to Files on the Campus Servers

- A. Monitoring of E-mail and Personal Electronic Files  
The university and its staff shall treat all electronically stored information as confidential, but may examine or disclose information when authorized by the owner of the information, when

approved by appropriate Vice-president, or required by local, state or federal law including, but not limited to, laws regarding harassment, libel and defamation of character.

### B. Electronic Mail (E-mail)

The E-mail system at Drury is here to provide a convenient (not necessarily confidential) way of communicating between students and faculty, between colleagues and between friends. It is expected that Drury computer users will use common courtesy in the use of E-mail.

#### 1. Examples of inappropriate use include:

- (1) Re-posting (forwarding) personal communication, intended to be confidential, without the author's prior consent.
- (2) "Chain letters," "broadcasting" messages to lists or individuals, and other types of use which would cause congestion of the networks or otherwise interfere with the work of others are not allowed.
- (3) Anonymous and/or fraudulent posting of e-mail messages

#### 2. Privacy

- (1) Electronic mail (E-mail) is a form of public communication and cannot be guaranteed to be private. Messages can be intercepted while in transit through the system. Be discreet.
- (2) Issues of personal privacy and data confidentiality are very important to the university. Personal data will only be accessed in accordance with part IV. Section A.
- (3) The systems and network administrators do have access to all files stored on the university servers. In the course of routine system maintenance, troubleshooting and mail delivery problem resolution, staff may inadvertently see the content of e-mail messages. However, these individuals are prohibited from accessing personal files except as other wise stated in part IV. Section A.

### V. Intellectual Property

All communications and information accessible via the Internet should be assumed to be copyrighted and should be accessed and redistributed using regular copyright rules. When sources found on the Internet are cited, the name, date and location of the information must be included.

### VI. Compliance Procedure:

- A. Inappropriate uses of computer resources should be reported to the Director of Academic Computing or the Director of Computer Services.
- B. Anyone discovered to be hindering normal operations or making inappropriate use of computing resources will be contacted and appropriate action taken.
- C. Upon report of a violation, the user may be denied access to Drury computing facilities. All pertinent information on the alleged violation will be given to the appropriate vice-president who will oversee the judicial review process.

### VII. Statement of Agreement:

Students using computer facilities are asked to sign a statement that they have read, understand and will comply with the policies listed above.

## Campus Alcohol Policy

**The university concern:** The use of alcoholic beverages is a matter of concern because the university is committed to maintaining an academic and social environment conducive to intellectual and personal development of students and to the safety and welfare of all members of the campus community.

## Drug and Alcohol Prevention Policy

Pursuant to the Federal Drug-Free Schools and Communities Act Amendments of 1989, Drury University is required to establish a drug and alcohol prevention policy for its students and employees.

The Drury policy is described below. A biennial review of this program will be done to determine its effectiveness, to implement changes to the policy if they are needed and to ensure that the university's disciplinary sanctions below are consistently enforced.

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## Standards of Conduct

Drury University regulations prohibit the unlawful possession, use, distribution and sale of alcohol and illicit drugs by university students and employees on university owned or controlled property and at university sponsored or supervised activities.

### Legal Sanctions

Local, state and federal laws also prohibit the unlawful possession, use, distribution and sale of alcohol and illicit drugs. Criminal penalties for violation of such laws range from fines up to \$20,000 to imprisonment for terms up to and including life.

### Health Risks

Specific serious health risks are associated with the use of illicit drugs and alcohol. Some of the major risks are:

**Alcohol and Other Depressants (barbiturates, sedatives and tranquilizers):** Addiction, accidents as a result of impaired ability and judgement, overdose when used with other depressants, damage to developing fetus, heart and liver damage.

**Hallucinogens (acid, LSD, PCP, MDMA, etc.):** Unpredictable behavior, emotional instability, violent behavior, organic brain damage in heavy users, convulsions, coma.

**Marijuana:** Addiction, panic reaction, impaired short-term memory, increased risk of lung cancer and emphysema, particularly in cigarette smokers, impairment of driving ability.

**Narcotics (Heroin, Demerol, Morphine, Codeine, etc.):** Addiction, accidental overdose, risk of hepatitis and AIDS from contaminated needles.

**Cocaine:** Addiction, heart attack, seizures, lung damage, severe depression, paranoia, psychosis. Similar risks are associated with other stimulants, such as speed and uppers.

**Inhalants (gas, aerosols, glue, nitrites, etc.):** Loss of consciousness, suffocation, damage to brain and central nervous system, sudden death, nausea and vomiting, nosebleeds, impaired judgement.

### Resources

A variety of resources exist for drug or alcohol counseling, treatment or rehabilitation program. For detailed information concerning these resources available from the university and/or community agencies, students may contact Karen Sweeney, vice president for student services, and employees may contact Barbara Pruet, human resources director. Such referrals will respect individual confidentiality.

## University Discipline

Violation of these Drury University regulations can result in disciplinary action up to and including expulsion for students and discharge for employees.

## Regulations

### Campus Housing Policies

#### On and Off Campus Living

Drury University recognizes the value of residential living to the total educational process and therefore requires full time day undergraduate students to live in residential housing or in fraternity houses, unless married or living at home with parents or guardians. Full time day graduate students may be placed on a waiting list and assigned housing if space allows. Once a student moves into a residence, he or she accepts accommodations and board as a contractual agreement with the university for the full academic year. Students moving into the fraternity houses accept accommodations with the fraternity houses and board with the university. Permission to live off campus or to move out of residential housing is granted by the Hall Council Appeals Committee. Failure to participate in the application process will result in forfeiture of housing deposit. Failure to receive said permission through the application process does not release students from financial responsibility for the accepted contractual obligations.

Room assignments are made in the housing office. In case of a vacancy in a room, the remaining

occupant may elect to pay the private room fee (if space permits) or the occupant may be requested to move to another room, or may be assigned a new roommate. While every effort will be made to assign compatible individuals, the decision of the dean of students office is final. The student participant in the resident hall contract agrees to accept the roommate assigned to him or her.

Students desiring to live off campus must apply to the Appeals Committee prior to registration. Application deadline for the spring semester is December 1, and the deadline for applications for the following academic year is March 15. All students age 21 and over will receive priority for off campus housing. Students who have not received written notification of permission to live off campus prior to the beginning of the semester will be expected to live on campus during the next academic year.

### Residence Hall Security

No one will enter the residence halls before 10 a.m. or after closing hours (midnight Sunday through Thursday and 1 a.m. Friday and Saturday) except residents and properly registered guests.

Residence hall security doors are locked 24 hours per day. Guests may use the security phone located outside the front doors to contact a resident. All policies are subject to change by the Hall Council. Written notification of change will be sent to all residential students.

### Residence Hall Regulations

The following regulations have been adopted for the residence halls at Drury University and are a part of the contract between the university and the residents of the halls. Harmonious residence living at Drury University requires respect for the property and supervisory personnel of the university. It also demands respect for the property, privacy and academic pursuits of fellow residents. Personal integrity and a cooperative spirit are appropriate characteristics of university students. To help foster or encourage an atmosphere of respect and cooperation, the following regulations are in effect and are part of the contract between the university and the residents of the halls:

1. Residence Halls are closed over Fall Break, Thanksgiving, Christmas (Winter Break) and Spring Break. Students may only stay with special permission from their Hall Director.
2. No illegal use of intoxicating beverages is allowed. Individuals who are of legal drinking age may drink **ONLY** in the privacy of a residence hall room. It is expected that no occupant of the residence hall will place himself or herself in a position where he or she could be suspected of contributing to the delinquency of a minor. Individuals under legal drinking age are not to have alcoholic beverages in their room or possession at any time. Alcoholic beverages are not allowed on the Drury campus except as described above. (See alcohol policy in the Drury Student Handbook.)
3. Any illegal use, possession, or trafficking of drugs is forbidden.
4. Gambling, pets (except fish) and weapons are not permitted.
5. A \$100 room deposit is required of each resident. This should be sent in with the copies of this contract to the Office of Admission at least 30 days before the start of the semester. Loss of key will cost \$50 for replacement key and core. Damage to rooms and/or the necessity of the university cleaning a room will result in loss of the deposit and possible additional assessments. Students with clean, undamaged rooms will have their deposits carried forward to the next academic year unless they are graduating or not returning to a university residence hall the following year.
6. Quiet hours in the female halls is from 10 p.m. until 10 a.m. The male students may choose a single hour from the day to have as loud hour, all other times are quiet hours.
7. The following electrical appliances are permitted: coffeemakers, popcorn poppers, razors, radios, stereos, computers and portable television sets. Hot plates, microwaves, halogen lamps and space heaters are not allowed. Telephone service is provided. Each student is responsible for own phone.
8. Tacks, nails and/or tape will damage walls or woodwork. Pictures should be suspended by masking tape or poster putty (available in the bookstore).
9. Residents may have overnight guests by notifying the hall director each time. Guests staying more than three days must contact the Student Life office.

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10. Women and men may visit in secured main lounges 24 hours a day. Women and men may visit each other's room only during approved open hours.
11. Rooms should be kept locked when not occupied. The university accepts no responsibility for lost, stolen or damaged articles. The dean of students, director of student life, hall directors and resident assistants will inspect all residence hall rooms periodically for damages. They also reserve the right to enter the privacy of a student's room in case of emergency (such as fire, health emergencies, probable violation of university policy, etc.).
12. Residents will be held individually responsible for any damage done to their rooms and may be held collectively responsible for any other damage occurring to the residence hall. Rooms must be kept clean by the residents. Public area damages will be assessed each semester and charged to the hall social fund.
13. No one may move in or out of a residence hall without the approval of the Student Life office. Approval is granted first through the Student Life Office and then it is referred to the dean of students Office.
14. Open hours are from 10 a.m. - 12 a.m., Sunday-Thursday; and from 10 a.m. - 1 a.m., Friday and Saturday.
15. Individuals are personally responsible for upholding university policy in their own rooms and will be held personally accountable should violations occur.
16. Furniture should remain intact, and mirrors, bulletin boards, etc., should remain attached to walls unless permission of the hall director to disassemble has been obtained. Damage to your room should be reported to the hall director or resident assistant immediately upon discovery.
17. Candles, incense, fireworks, halogen lamps, etc., pose possible fire hazards and are not to be used in the residence hall. Candles may be kept for emergency use but, if at all possible, students should use battery-powered lighting.
18. Stereos must, at all times, be played at levels where they will not infringe upon the study or sleep habits of others.
19. The student agrees to abide by the laws of the State of Missouri and the ordinances of the City of Springfield.
20. It is agreed that university rooms and public areas are not to be used as a location for the operation of any business or enterprise, the sale of any services or products. Violations are to be reported to the dean of students office.
21. University furnishings must remain in the assigned residence hall room for the academic year.

Room assignments are made in the director of housing office. In case of a vacancy in a room, the remaining occupant may elect to pay the private room fee (if space permits) or the occupant may be requested to move to another room, or may be assigned a new roommate. While every effort will be made to assign compatible individuals, the decision of the dean of students office is final. The student participant in the Residence Hall Contract agrees to accept the roommate assigned to him or her. The dean of students office reserves the right to cancel the housing contract at any time if university policy is violated.

### Hall Council

Hall Council is a representative group of residence hall students and staff working to build community on the campus and in the residence halls. The Residential Life Coordinator and a Hall Director advise the council.

Members of Hall Council work in conjunction with the residential staff to coordinate programming and social activities. They also work in conjunction with the dean of students, hall personnel and residents to design residence hall policies. The council acts in combination with residence hall personnel in administering disciplinary actions for students who violate residence hall policies. They administer an appeals process and grant permission to students requesting to live off-campus. Hall Council also determines fines for students who violate residence hall policies. Students in violation may appeal violations by submitting an appeal to Hall Council.

### College Park

College Park, located across Benton Street, offers an advanced student living environment. This facility combines the ultimate in privacy while providing a transition from residence hall life to community living. Units are for one to four persons and are fully furnished. College Park includes

studios, apartments and individual houses designed to complement Springfield's historic midtown area. Each resident has a living area, fully appointed kitchen and private bedrooms. Students may eat meals in their residences and in the campus dining commons. A community center with laundry, mailboxes and a student-run convenience store serves all residents of College Park. Students must qualify with at least one academic year of university experience. This does not guarantee placement. Selection of residences is based on total cumulative hours of all roommates. The highest number of cumulative hours has priority to choose a living unit first. Residents receive a five-meal plan with the cost of housing. Upgrades to 10, 15 and 20 meal plans are optional. College Park is a smoke-free community. Rules and regulations are printed in the College Park tenant handbook.

### Manley Hall

These one and two-bedroom furnished apartments are modern and spacious. Each has a living room, dining room, bath and kitchen. They have full Internet access through the university fiber optics system. This on-campus complex, which houses 26 apartments, has a laundry facility, mailboxes and private parking. It offers upperclassmen, graduate students and married students a private and independent living environment with all the services, conveniences and security of campus housing.

### University Policy

1. The laws of the State of Missouri regulating the purchasing, dispensing, possession and consumption of alcoholic beverages shall apply to all members of the university community. Each person shall be expected to abide by those laws, and will be held responsible, by civil law enforcement agencies, for his or her own actions in any situations involving violations of Missouri state laws regarding alcoholic beverages.
2. Students of legal age will be permitted to consume alcoholic beverages on campus only within the privacy of a residence hall room. Drinking will not be permitted on the campus, in the classrooms or administrative buildings, or in those areas of residence halls and fraternity and sorority houses that are open to the public. Drinking is not permitted at functions in the Findlay Student Center, on the Breech Athletic Field, in Weiser Gymnasium or any other point on campus other than as described in the first sentence of this paragraph.
3. Any violation of the regulations concerning drinking on campus will be referred to the dean of students office. Appropriate disciplinary action, which may include suspension or expulsion, will be taken as is deemed necessary.
4. Any campus residential group may exercise the option of adopting and enforcing additional local rules to further limit the use of alcoholic beverages within the residence.
5. Drury University thanks the student body for their cooperation in abiding by this and other university policies.

### Summit Park

Summit Park, a cluster of five 2-story dwellings, houses Drury's Leadership Community. It has been developed to create experiential learning environments in which students work together to design, organize and implement projects. Each housing unit is occupied by members of a team that will spend their year of residency working on a project. Projects are based on the model that leadership is a purposive process that is ultimately concerned with fostering change.

### Jefferson Park

Jefferson Park apartments offer an alternative living environment. Most units are traditional 2 bedroom apartments. Each apartment has a full kitchen and central heat and air. Some units include washer and dryer hookups. The apartments are conveniently located across Benton Avenue adjacent to the campus.

### Parking

Parking regulations are designed to enhance safety and convenience at Drury. There are five lots for

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nonresidential students, and lots adjacent to residence halls and fraternity houses reserved for those residents.

### General regulations:

All students, faculty and staff parking vehicles on campus must obtain a permit from the safety and security office in Findlay Student Center, room 101, between 8 a.m. and 5 p.m. Monday through Friday except holidays. College of Graduate and Continuing Studies students may register in the Continuing Studies office at Bay Hall.

Permits are color-coded for the various lots. Questions regarding parking space availability may be addressed by those in the safety and security office. Maps and general information about parking a vehicle at Drury are available in the safety and security office. Parking is prohibited in handicap zones without permits, in crosswalks, fire lanes and loading zones, on grass and sidewalks, or in posted areas.

### Solicitation

University facilities are not to be used as a location for the operation of any business or enterprise; the sale of any services or products. This policy was adopted several years ago by a student-faculty committee. Advertising policy is available in the dean of students office.

### Code of Conduct

Part of the goal of a college education is to grow in one's awareness and appreciation of the ideals of human life, in one's ability to consider the long run consequences of one's acts, and in the degree to which one can assume responsibility for his or her own actions and way of living. Drury seeks to encourage serious moral thinking by its students and to provide an atmosphere of freedom in which moral autonomy can be developed.

Students are expected to observe minimum standards of conduct designed to insure maximum freedom for all. Students are subject to discipline if one or more of the following regulations are violated:

1. Students shall not harass other students or faculty.
2. Students shall not behave in a manner which is disruptive to class or other learning experiences. Behavior which interferes with students or faculty in the conduct of classes or other learning experiences will not be tolerated.
3. Drury students shall observe property rights of individuals and institutions. Theft, destruction of property and unauthorized entry are not permitted.
4. Fraud, forgery and failure to honor agreements with the university are not permitted.
5. The highest standards of academic excellence and integrity are expected from all Drury students. The policy and procedures regarding cheating, plagiarism and other academic dishonesty are found on page 33.
6. Students shall respect others' rights to privacy and to action in ways not restricted by civil law or the code of conduct. Students shall respect the right of others to engage in campus activities, to attend meetings, to move freely about the campus and to study.
7. Students shall not injure or endanger the health of others.
8. Each student is required to report his or her correct Springfield or community address at the time of registration each semester or session. This reported address must be the student's actual place of residence. Any change of address must be reported within three days to the dean of students office or to the registrar's office.
9. Any student who is indebted to the university and who fails to make a satisfactory settlement of said indebtedness may be dismissed. No student who has prior unsettled indebtedness may register for academic work. The university will not provide any evidence of attendance or any official credentials while the indebtedness remains unsettled.
10. Students are required to respond promptly to notices of summons and to identify themselves and cooperate when asked to do so by university officials and safety and security personnel.
11. Gambling is prohibited on university property or at any official student function.
12. Any illegal use or possession of drugs or alcohol, or trafficking therein, is forbidden.

13. On-campus residents shall observe the posted residence hall regulations.
14. Although the right of peaceful protest within the Drury community is recognized, the university retains the right to assure the safety of individuals, the protection of property and the continuity of the educational process. In order to ensure that the rights of the institution and of all individuals be protected, the following regulations have been established:
  - a. Picketing within 50 feet of an external access to buildings, interference with entrance to or exit from facilities and interruption of classes or other normal functions of the university exceed permissible limits.
  - b. Any attempt to control or take over buildings, faculty or administrative offices, or other facilities in any buildings where university space is in use for an authorized function, whether conduct of a class, a public or a private meeting under approved sponsorship, normal administrative or educational functions, or service-related activities (health services, recreational activities or personnel placement) exceed permissible limits. Respect must be accorded any regulations imposed by the person in charge. That is, any requirement to desist from specified activities or to leave the premises must be obeyed. Any regulations imposed are reviewable by the president.
  - c. At no time is force or violence to be employed, nor should participants in a demonstration or picketing conduct themselves in such a way as to constitute an immediate or potential threat of force or violence against persons or property.
  - d. Rooms in which instruction, research or study normally take place may be occupied only when assigned through established procedures; however, buildings must be cleared at the normal closing time for each building unless other arrangements are approved in advance.
  - e. Every student enrolled in the university has the right to be interviewed on campus by any legal organization which desires to recruit at the campus. Any student or group of students has the right to protest against the appearance on campus of any organization, provided the protest does not interfere with any other student's opportunity to have such an interview.
  - f. The dean of students shall be informed of the time and place of demonstration in advance of any public announcement of plans for a demonstration. Only such limitations on the areas in which demonstrations are held as are reasonably necessary to avoid physical harm or physical conflict between groups of demonstrators may be prescribed. Students should also be advised as to whether their demonstration is consistent with stated regulations.

Off-campus violations of civil law shall be left to the jurisdiction of the appropriate civil authorities. The university reserves the right to prosecute students in the civil courts for on-campus violations of civil law. University authority shall never be used to duplicate the function of civil laws.

### Campus Facilities

**Bay Hall**, dedicated in 1959 as Walker Library, houses offices for admission, the registrar, financial aid and human resources and the College of Graduate and Continuing Studies.

**Belle Hall** opened in 1947 as a combination residence hall and dining facility and was used as a library annex. Today it houses the School of Education and Child Development. The building was largely the gift of Lester E. Cox in memory of Amanda Belle Cox, Cora Belle Cox, Mildred Belle Cox and Virginia Belle Cox.

**Breech Swimming Pool** opened in 1988 inside the Hutchens HPER. This pool and diving area rank among the top aquatic facilities at an NCAA Division II institution, and were the gift of E. Robert Breech, Jr. in honor of his parents, Mr. and Mrs. Ernest R. Breech.

**The Breech Building**, completed in 1960, houses the Breech School of Business Administration. In addition to classrooms, offices, seminar rooms and a wireless computer lab, the Breech building includes the 250-seat Wilhoit Theatre.

**Burnham Hall**, built in 1909 and remodeled in 1975 and 1994, combines academic and administrative uses. The first floor includes the President's Office, Business and Financial Services Office, the Vice President for Administration, Office of Development and Alumni Relations and Office of University Communications. Upper floors include the Vice President for Academic Affairs, the



## Student Services

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Center for Interdisciplinary Studies and the departments of philosophy and religion, languages and history and political science.

**Clara Thompson Hall**, dedicated in 1925, contains the largest performance space on campus, a 450-seat auditorium. The hall also has 16 music practice rooms along with faculty offices and studios. Louise Groesbeck Wallace donated the hall in honor of her daughter.

**College Park**, built in three phases from 1996 to 2003, is a community of apartment-style residences for 329 students, including 79 in a village of Greek fraternities. Created to blend with the historic homes of the surrounding neighborhood, College Park's design was the result of a unique national competition. The complex includes a community building with the campus housing office, laundry facilities and Smal-Mart a student-run convenience store.

**Congregational Hall** was purchased and renovated in 1997. Acquired with the Parsonage, this former church houses offices, classrooms and a study lounge for students.

**Drury Diversity Center at Historic Washington Avenue Baptist Church** opened in 2001 with a mission to educate and celebrate Springfield's multicultural history. The church, constructed in 1885, was originally located 300 feet south of its current location, on ground now occupied by the Trustee Science Center. In 2000 the church was carefully taken down and reassembled on its new site.

**Findlay Student Center**, dedicated in 1972, was named to honor James F. Findlay, Drury's president from 1940 to 1964. The building is a hub of activity housing the Commons dining hall, Unwind Grind coffee shop, bookstore, student services offices, career center, safety and security, Student Government Association and Student Union Board. Function rooms include the ballroom, President's Dining Room and Faculty Dining Room.

**Freeman Hall** is the home of Drury's four national sororities: Delta Delta Delta, Kappa Delta, Pi Beta Phi and Zeta Tau Alpha. Each has a suite. Dedicated in 1994, the hall was a gift from Flavius and Frances Freeman in memory of their daughter Mercedes "Dede" Freeman Smith.

**Hammons School of Architecture**, dedicated in 1990, was built to house Drury's architecture program. The building, a gift from Springfield philanthropist John Q. Hammons, includes design studios, gallery spaces, a carpentry shop, classrooms, department offices and a large multipurpose room.

**Hutchens Health Physical Education And Recreation (HPER)** houses the 10-lane Breech pool and diving area, intramural volleyball and basketball courts and racquetball courts. The naming gift from Harriet Hutchens and Mr. and Mrs. Jeff Hutchens was in memory of Lewis G. Hutchens. HPER opened in 1988.

**Kappa Alpha House** is part of a fraternity village in College Park. Dedicated in 2001, it includes a chapter room and lounges and can accommodate 27 residents.

**Lambda Chi Alpha House** is one of four fraternities in a new village on the western edge of College Park. Completed in 2000, the Lambda Chi Alpha house includes lounges and a chapter meeting room, as well as bedrooms for 26 residents.

**Lay Science Center**, constructed in 1968-69, housed the department of biology, chemistry and physics until the fall of 2002, when the new Trustee Science Center opened. Lay Science Center, originally built with a gift from Mr. and Mrs. Herman W. Lay, will be renovated for other uses.

**Lydy Art Center**, opened in 1979, houses the department of art and art history and includes the Cox Gallery. It is part of the Mabee Center for the Performing Arts.

**Mabee Center for the Performing Arts** includes Clara Thompson Hall, O'Bannon Music Center and Lydy Art Center. The latter two buildings were dedicated in 1979. Their construction and a simultaneous renovation of Clara Thompson Hall were funded by gifts from the George W. O'Bannon estate, the Richard Lydy estate, Mrs. Dorothy O'Bannon Darling and the J.E. and L.E. Mabee Foundation.

**Manley Hall**, a former apartment building, was acquired by Drury in 1999 and renovated into housing for students and visiting faculty. It was named in honor of Ralph Manley, a Drury alumnus and developer.

**O'Bannon Music Center**, opened in 1979, includes classrooms, practice studios and offices for the department of music. It is part of the Mabee Center for the Performing Arts.

**Olin Library**, dedicated in 1992 provides access to a substantial collection of books, periodicals and databases. Shared catalogs allow items not in the Drury collection to be borrowed from other academic institutions. Olin Library also coordinates online course reserves and resources, accessible to anyone with a Drury E-mail account. The library is named in recognition of a gift from the F.W. Olin Foundation, New York.

**Parsonage** is a historic 1907 home. Purchased by Drury, completed renovated and restored in 1997, the Parsonage is bed and breakfast for visiting Drury alumni, friends and family. A dining room, living rooms, kitchen and four bedrooms are furnished with antiques.

**Pearsons Hall**, a gift of Dr. Daniel Kimball Pearsons, was dedicated in 1901 as a science building. It now houses the departments of mathematics and computer science, behavioral sciences and English, and was renovated in 1998.

**President's House**, a three-story Victorian home built in 1885, is a private residence for the president of Drury and his family.

**Shewmaker Communication Center**, dedicated in 1989, houses the communication department, including radio station KRDU and the Center for Faculty Excellence. Mr. and Mrs. Jack Shewmaker provided the lead gift in memory of his parents, Mr. and Mrs. Clifford Shewmaker.

**Sigma Nu House**, dedicated in 2001, is one of four new fraternity houses clustered in College Park. It can accommodate 26 residents and includes lounges and a chapter meeting room.

**Sigma Pi House**, dedicated in 2003, is the most recent addition to the fraternity village in College Park. The house accommodates 28 residents.

**Smith Hall**, named in honor of Drs. Wallis and Souter Smith, is a women's residence hall. The building, completed in 1966, now houses 260 students in 40 two-room suites.

**Stone Chapel**, the oldest building on campus, is a touchstone for generations of Drury students and alumni. Destroyed by fire during its initial construction, the chapel was completed in 1881. Its unusual design places the 600-seat sanctuary on the second floor, with a kitchen, meeting areas and large lounge below. The chapel's 1907 Lyon-Healy pipe organ was recently restored.

**Springfield Hall**, formerly South Gym, was renovated in 1999 as a student and technology center, with a copy and printing center and the CX campus grill on the first floor and four computer labs upstairs. The theatre department's classrooms, prop storage and studio theatre are in Springfield Hall. The original South Gym building was construction in 1909.

**Sunderland Hall**, a men's residence hall, was completed in 1960 with a gift from the Lester T. Sunderland Foundation. Renovated in 1988, it houses 100 students on three floors.

**Trustee Science Center**, completed in October 2002, is the largest building on campus. The center was designed to accommodate a teaching style pioneered at Drury blending discussion and experimentation. The building houses the departments of biology, chemistry and physics, with offices and classrooms arranged to foster interdisciplinary contact. The science center also includes a greenhouse, observatory and multipurpose auditorium.

**Turner Hall**, named in honor of L.T. Turner, is a men's residence hall built in 1948 and renovated in 1987.

**Wallace Hall**, a women's residence hall, was a gift of Mrs. Louise Groesbeck Wallace in memory of her husband Washington Irving Wallace. It houses 130 students in two sections, one constructed in 1925 and another in 1956.

**Weiser Gymnasium** includes the 2,200 seat home court for Drury basketball and volleyball teams in addition to offices for the department of exercise and sport science.

# Accounting

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## Courses of Instruction

The courses are offered each year unless otherwise indicated.

Courses numbered from 101 to 199 are designed for freshmen; 201 to 299 for sophomores; 301 to 399 for juniors and seniors; above 400 for seniors. Lower division courses are numbered in the 100s and 200s. Upper-division courses are numbered in the 300s and 400s. Courses numbered in the 500s are for fifth-year architecture students. Courses below 100 are not applicable to any degrees.

Generally, courses numbered with odd numbers are given in the first semester; courses numbered with even numbers are given in the second semester. Courses numbered with an odd and an even number connected by a hyphen, or separated by a comma, are given throughout the year.

Credit cannot be given for a course for which the student is not officially registered. Normally, credit may not be claimed more than once for the same course. A few courses, however, may be repeated for credit; this is indicated in the course description.

A minimum registration of six students for each course is required; otherwise the course may be withdrawn from the schedule.

# Accounting

## Breech School of Business Administration

Robert L. Wyatt, Director

The Breech School of Business Administration functions on the undergraduate level as the department of business administration. It also offers a master in business administration degree (M.B.A.) at the graduate level.

The undergraduate programs (accounting, business administration, computer information systems/e-commerce, economics and international business) of the Breech School of Business Administration are dedicated to providing academic preparation consistent with the highest professional standards and liberal arts tradition of Drury University. Programs in the five subject areas provide students the opportunity to learn and grow while gaining a deepening understanding of the role of business and economics of our society. The programs emphasize the development of effective leaders capable of analyzing values, thinking critically, communicating effectively, making sound decisions, integrating theoretical and practical knowledge, exercising personal and social responsibility, appreciating the value of lifelong learning and understanding business and its many positive contributions to a global society.

The curriculum is organized to give students a knowledge of business practices and economic processes; the part played by business and economics in historical development; and an awareness of the major business and economic concerns confronting society.

The Breech School of Business Administration offers lower division courses which contribute to the liberal education of the student, whatever the area of concentration may be. Programs of major study are offered in business administration, accounting, economics, international business and computer information systems/e-commerce. Minors also are available in these subject areas.

### Learning Objectives

**Values.** Students learn to understand the difference between positive and normative analysis. They are also capable of recognizing an ethical quandary. Students should be able to take a position and defend it. They should be capable of creating integrative solutions, where possible. In addition, students should be aware of the wide diversity of perspectives and values. When confronted with an argument or policy position, they should be able to evaluate the soundness of that argument.

**Teamwork.** Students should demonstrate the ability to effectively participate, wherever appropriate, in a variety of teamwork and collaborative learning experiences such as case analysis and presentation, simulations, role plays and group research. As team members students should demonstrate basic management and facilitation skills including effective goal setting and problem solving.

**Autonomy.** Each student will be able to complete and present an effective analysis of a business problem. The student should demonstrate the ability to recognize and accept the tension inherent at times between teamwork and autonomy and to defend the rationale for acting autonomously. Each student should also accept the responsibility for personal and professional development, including an appreciation of learning as a lifelong process.

**Global Perspective.** Students will be able to recognize, understand, evaluate, appreciate and tolerate a diversity of global perspectives including differences in culture, business practices, economic systems, trade agreements, criteria for success, feeling for well-being of ourselves and others, accounting practices, management theory and competition.

**Communication.** Students will be able to listen, read, speak and write effectively.

**Critical Thinking.** Students will develop critical and analytical thinking skills. These skills should include the ability to solve problems that involve both quantitative and qualitative factors. Students should be aware of current social, economic and political issues, especially those relating to the social responsibility of business.

## Admission Policy

Official admission to the Breech School of Business Administration is required\* to enroll in any upper-division course (numbered 300/400/500) with prefixes of ACCT, BADM, ECON.

To be admitted to Breech School of Business Administration, a student must:

- Be officially admitted to Drury University
- Complete a formal application to the Breech School of Business Administration declaring the major, minor, or special program that the student intends to pursue
- Have completed at least 42 hours of college level credit, including a minimum of 12 credit hours at Drury University
- Have completed all of the following preparatory courses (or their transfer equivalents) with a minimum grade of C in each of the following courses:
  - ACCT 209 Principles of Accounting
  - MATH 227 Statistics
  - MATH 203 Math and Inquiry or MATH 231 Calculus
  - BADM 228 Analytical Methods
  - GLST 201 Global Awareness or 3 hours from GP21 Values Inquiry menu
  - ECON 201 Basic Economic Theory
- Have an overall cumulative GPA of 2.75

\* **Probationary Admission.** A student not achieving the 2.75 overall GPA OR not achieving the required grades of C in the preparatory courses listed above may be granted one semester of probationary admission to the Breech School. During this semester, the student may enroll in a maximum of 6 hours of upper-division Breech School coursework. During this probationary semester, the student will be expected to meet all requirements for full admission by raising the cumulative GPA or by retaking any preparatory courses in which a grade of C or higher was not attained. Probationary admission cannot be granted to a student not achieving the required GPA AND a minimum grade of C in the specified preparatory courses.

**Notification of Admission.** Students will be notified in writing of their admission to the Breech School of Business Administration

**Students in other than Breech School Majors/Minors.** Students who must enroll in a Breech School 300/400 level offering to fulfill requirements of a program NOT offered through the Breech School of Business Administration will be exempt from this admission policy, but may be asked to identify their need for the upper-division course offering which, in most cases, would be a Selected Topic.

## Accounting Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ACCT 209	Principles of Accounting	3 hrs.
ACCT 307	Intermediate Accounting I	3 hrs.
ACCT 308	Intermediate Accounting II	3 hrs.
ACCT 312	Cost Management Systems	3 hrs.

# Accounting

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ACCT 321	Federal Taxation I - Personal	3 hrs.
ACCT 322	Federal Taxation II - Corporate and Misc. Other Taxes	3 hrs.
ACCT 350	Accounting Information Systems	3 hrs.
ACCT 403	Auditing Principles and Procedures	3 hrs.
ACCT 409	Intermediate Accounting III	3 hrs.
ACCT 412	Advanced Accounting	3 hrs.
ACCT 429	Governmental and Nonprofit Accounting	3 hrs.
BADM 170	Computer Applications and Tools	3 hrs.
BADM 228	Analytical Methods	3 hrs.
BADM 301	Principles of Management and Leadership	3 hrs.
BADM 319	Business Law I	3 hrs.
BADM 320	Business Law II	3 hrs.
BADM 337	Marketing	3 hrs.
BADM 350	Management Information Systems	3 hrs.
BADM 422	Corporate Policy and Responsibility	3 hrs.
BADM 431	Finance	3 hrs.
ECON 201	Basic Economic Theory	4 hrs.
Choose one of the following	Statistics courses:	3 hrs.
ECON 214	Applied Statistics	
MATH 227	Introduction to Statistics	
Choose one of the following	Economics courses:	4 hrs.
ECON 311	Price Theory	
ECON 312	Aggregate Economic Analysis	
Choose one of the following	Mathematics courses:	3-4 hrs.
MATH 203	Mathematics and Inquiry	
MATH 231	Calculus I	

Students may find it necessary to spend more than four years at Drury University in order to complete the accounting major. An occasional upper-division accounting course may be offered during evening hours.

Missouri legislation now requires the completion of 150 semester hours to sit for the Uniform CPA Examination. Students interested in preparing for the CPA examination must complete a 150-hour accounting program. A student in Drury's 150-hour program needs to complete the courses outlined above for the accounting major and complete additional elective courses to total a minimum of 150 semester hours. This program may require more than four years of study.

The Breech School also offers, to qualified accounting majors, the option of participating in a dual-degree program (undergraduate and M.B.A.). Students in the dual-degree program must complete the courses outlined above for the accounting major and complete additional elective courses to total a minimum of 150 semester hours. Information regarding the dual degree program is available at the Breech School office.

## Accounting Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ACCT 209	Principles of Accounting	3 hrs.
ACCT 307	Intermediate Accounting I	3 hrs.
ACCT 308	Intermediate Accounting II	3 hrs.
BADM 170	Computer Applications and Tools	3 hrs.
Choose one of the following:		3 hrs.
ACCT 210	Management Accounting	
ACCT 312	Cost Management Systems	
Choose one of the following:		3 hrs.
ACCT 321	Federal Taxation I - Personal	
ACCT 429	Governmental and Nonprofit Accounting	

The faculty of the Breech School reserve the right to modify the above program and degree requirements at any time.

**Course Descriptions:****ACCT 209 Principles of Accounting. 3 hours.**

*Prerequisite:* MATH 203 or equivalent or permission of instructor. Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures: receivables, inventories and fixed assets.

**ACCT 210 Management Accounting. 3 hours.**

*Prerequisite:* ACCT 209. Students participate in active learning that emphasizes the uses and limitations of accounting information. Study of accounting principles relating to management planning and control. Cost and budgetary procedures, revenues and acquisitions.

**ACCT 307 Intermediate Accounting I. 3 hours.**

*Prerequisite:* ACCT 209. Applies cooperative learning techniques to develop the students' ability to analyze more complex organization problems. Financial accounting measurement including revenue and expense recognition; cash flows; inventory cost and valuation; long-lived assets, costing valuation and amortization.

**ACCT 308 Intermediate Accounting II. 3 hours.**

*Prerequisite:* ACCT 307. A continuation of ACCT 307 with emphasis on debt financing and equity measurement. Includes an in-depth review of present value techniques along with coverage of advanced topics such as debt and equity investments, leases and accounting for deferred taxes.

**ACCT 312 Cost Management Systems. 3 hours.**

*Prerequisite:* ACCT 209. A study of the various accounting treatments and innovations in cost and performance measurement, including the accurate measurement of activity costs and the reduction of costs by continuous improvement.

**ACCT 321 Federal Taxation I — Personal. 3 hours.**

*Prerequisite:* ACCT 209, 210 or 312. An introduction to the Federal Income Tax with specific emphasis on the problems of the individual related to the Form 1040 filings. Emphasis on learning to research and critically analyze specific tax problems including research on broad tax related policy issues.

**ACCT 322 Federal Taxation II — Corporate and Misc.**

**Other Taxes. 3 hours.** *Prerequisite:* ACCT 321. A study of the current tax code as it relates to the preparation of corporate Form 1020 and the estate, excise and other miscellaneous federal taxes. Includes the tax aspects of international operations.

**ACCT 350 Accounting Information Systems. 3 hours.**

*Prerequisite:* ACCT 209, BADM 170. A study of the use of a variety of resources designed to transform financial and other data into financial information for decision-making. Consideration of these systems must deal with issues such as the flow of transactions and related procedures, summarizing financial data into meaningful formats for internal and external reporting, documentation for audit trail purposes, data security and backup and disaster recovery planning.

**ACCT 403 Auditing Principles and Procedures. 3 hours.**

*Prerequisite:* ACCT 308. Introduces the student to

the auditing needs of organizations. Covers ethical and legal responsibilities of the public accountant: preparation of audit program and working papers, auditing balance sheets and profit and loss accounts, auditor's certificate and report. Use of cases to integrate complex problem solving techniques.

**ACCT 409 Intermediate Accounting III. 3 hours.**

*Prerequisite:* ACCT 308. A continuation of ACCT 308 with emphasis on advanced financial accounting topics. Includes review of foreign currency transactions, pensions, derivatives, earnings per share, cash flows and accounting theory. Critical evaluation of financial goals, performance.

**ACCT 411 Accounting Theory. 3 hours.**

*Prerequisite:* ACCT 308. Introduces the student to the origin and development of accounting. Includes a critical study of modern accounting theory and the integration of theoretical and practical knowledge.

**ACCT 412 Advanced Accounting. 3 hours.**

*Prerequisite:* ACCT 308. An advanced study of accounting principles including accounting for combined corporate entities, consolidated statement analysis and accounting research and decision making. Cooperative learning activities are applied to facilitate positive interdependence, individual accountability, group processing and retention relating to advanced accounting topics.

**ACCT 413 International Accounting. 3 hours.**

*Prerequisite:* ACCT 308, 312. The primary objective of the course is to provide an overview of managerial and financial issues faced by multinational corporations or firms involved in international business. Topics to be addressed include the diversity of worldwide accounting principles and the prospects for uniform international accounting standards, foreign currency transactions and translating, inflation, transfer pricing, taxation and risk management.

**ACCT 429 Governmental and Nonprofit Accounting.**

**3 hours.** *Prerequisite:* ACCT 403 or permission of instructor. Introduces the student to fund accounting and the current accounting practices for governments and other nonprofit organizations. Includes detailed examination of the GASB 34 model. Reviews the business structure and special needs of financial reporting for nonprofit entities and requires each student to complete a service-learning project.

**ACCT 290, 390, 490 Selected Topics. 1-3 hours each.**

See page 34.

**ACCT 491, 492 Research. See page 34.****ACCT 397, 398, 497, 498 Internship. See page 34.****BADM 170 Computer Applications and Tools. 3**

**hours.** This course is intended to provide students with a thorough understanding of critical business productivity tools. Utilizing lectures, hands-on exercises, cases and projects, students will be taught advanced word-processing, spreadsheet and presentation skills. Students will also be introduced to database query tools, group collaboration, network

# Accounting

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connection, web page building and statistical applications. The integration of these tools will be emphasized throughout the course.

**BADM 228 Analytical Methods. 3 hours.** *Prerequisite: Knowledge of algebra, MATH 227 or ECON 214 or equivalent, BADM 170.* Study of common techniques for quantitative analysis and decision making including probability distributions, forecasting models, multivariate correlation and regression, linear programming, queuing analysis and simulation. Team and individual research and problem solving, report writing and oral presentations. Critical evaluation of assumptions in decision making including qualitative considerations.

**BADM 301 Principles of Management and Leadership. 3 hours.** *Prerequisite: ACCT 209, 210 or 312.* Introduction to management of organizations, including strategy, leadership and organizational design. Team projects in management research and critical analysis.

**BADM 319, 320 Business Law I and II. 3 hours each.** These courses are designed to provide an understanding of the rules of law governing business and individuals in their transactions and conduct with each other. Contracts, agencies, negotiable instruments, sales, partnerships, corporations. Readings and discussion of cases.

**BADM 337 Marketing. 3 hours.** *Prerequisite: ECON 201, MATH 227 or equivalent, or permission of instructor.* Introduction to effective marketing concepts, strategies and practices. An analytical approach to recognition of alternative strategic paradigms and their effect on a firm's marketing. Ethical and social responsibilities of effective domestic and global marketing. Individual and team projects with operating sponsors.

**BADM 350 Management Information Systems. 3 hours.** *Prerequisite: Permission of instructor.* An introduction to the study of the design and application of management information systems in business.

**BADM 422 Corporate Policy and Responsibility. 3 hours.** *Prerequisite: Senior standing, BADM 301, 337, 431, ECON 311, 312.* Study of the roles, responsibilities and challenges of business in modern global society. Case analyses and research discussed in seminar format. Emphasis upon critical thinking, effective communication and development of socially responsible business leadership.

**BADM 431 Finance. 3 hours.** *Prerequisite: BADM 170, 228; ACCT 209; ACCT 210 or 312; MATH 203 or 231; or permission of instructor.* This course is an investigation of the study of finance and its implications. Topics covered include: financial statement analysis, the financial environment, risk, time value of money, stock, bond and firm evaluation, financing, financial institutions and multinational finance. The course emphasizes that financial managers must deal with various models, assumptions and cultures and are often called upon to make decisions based on qualitative as well as quantitative factors.

**ECON 201 Basic Economic Theory. 4 hours.** *Prerequisite: MATH 109 or equivalent or permission of instructor.* Students will be introduced to the way market

economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

**ECON 214 Applied Statistics. 3 hours.** *Prerequisite: MATH 109 or equivalent, BADM 170 or equivalent, or permission of instructor.* Study of fundamental statistical techniques and applications in business and economics including the collection, organization and presentation of data; measures of central tendency and dispersion; probability rules and distributions; sampling distribution and sampling methods; hypothesis testing and chi square applications; simple correlation and regression; index numbers. Individual and team research projects, written and oral reports. Consideration of ethical issues in the field of statistics. Computer lab assignments.

**ECON 311 Price Theory. 4 hours.** *Prerequisite: ECON 201, knowledge of algebra.* Students will use economic models to explore how free markets can lead to the most efficient use of society's scarce resources. The problems posed by monopoly and other forms of market failure will be analyzed along with other real-world issues.

**ECON 312 Aggregate Economic Analysis. 4 hours.** *Prerequisite: ECON 201, knowledge of algebra.* Students will trace the historical development of contemporary macroeconomic analysis and use economic models to evaluate the impact of monetary and fiscal policies on the level of employment, output and prices in capitalist economies. The debate surrounding the appropriate role of government in promoting full employment and price stability is given emphasis.

**MATH 203 Mathematics and Inquiry. 3 hours.** In this course, students will develop quantitative and abstract reasoning abilities necessary to solve complex problems. Literacy in mathematics is developed, with concepts and skills from such areas as algebra, trigonometry, calculus, probability, statistics and computer science. This course will address critical thinking and problem-solving skills, not simply numerical manipulations related to a single subdiscipline of mathematics. Emphasis will be placed on defining and setting up problems; understanding the steps required to solve various types of problems; understanding the factual information and quantitative abilities required for problem solving; and understanding how necessary information can be obtained from text material, resource individuals and computer resources.

**MATH 227 Introduction to Statistics. 3 hours.** *Prerequisite: MATH 100 or equivalent.* A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

**MATH 231 Calculus I. 4 hours.** *Prerequisite: MATH 109 and 110 or equivalent.* A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

# Actuarial Science

## Department of Mathematics & Computer Science

Robert L. Robertson, chair

The department of mathematics and computer science provides students with courses for general knowledge and for career preparation. We stress the development of critical thinking skills, the integration of theory with practical applications, and the understanding of concepts of mathematics and computer programming.

Mathematics courses numbered 300 or higher are typically offered once every four semesters on a rotating basis.

This minor is designed to prepare students for careers in actuarial science. The actuarial science minor is also intended to prepare students to take the Course 1 and Course 2 exams offered by the Society of Actuaries and the Casualty Actuary Society.

### Actuarial Science Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ACCT 209	Principles of Accounting	3 hrs.
ACCT 210	Management Accounting	3 hrs.
BADM 431	Finance	3 hrs.
ECON 312	Aggregate Economic Analysis	4 hrs.
MATH 326	Probability Theory	3 hrs.
MATH 327	Mathematical Statistics	3 hrs.

In addition to the required courses:

- All actuarial science minors must have, at minimum, a minor in mathematics.
- All actuarial science minors should take ECON 201 Basic Economic Theory to satisfy their political science and economics requirement in the Scientific Perspectives theme of the Global Perspectives curriculum.
- All actuarial science minors are encouraged to take either CSCI 171 Introduction to Visual Basic Programming or CSCI 251 Introduction to Computer Science for exposure to a programming language.

### Course Descriptions:

#### **ACCT 209 Principles of Accounting. 3 hours.**

*Prerequisite: MATH 203 or equivalent or permission of instructor.* Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures: receivables, inventories and fixed assets.

#### **ACCT 210 Management Accounting. 3 hours.**

*Prerequisite: ACCT 209.* Students participate in active learning that emphasizes the uses and limitations of accounting information. Study of accounting principles relating to management planning and control. Cost and budgetary procedures, revenues and acquisitions.

#### **BADM 170 Computer Applications and Tools. 3 hours.**

This course is intended to provide students with a thorough understanding of critical business productivity tools. Utilizing lectures, hands-on exercises, cases and projects, students will be taught advanced word-processing, spreadsheet and presentation skills. Students will also be introduced to database query tools, group collaboration, network connection, web page building and statistical

applications. The integration of these tools will be emphasized throughout the course.

#### **BADM 228 Analytical Methods. 3 hours.**

*Prerequisite: Knowledge of algebra, MATH 227 or ECON 214 or equivalent, BADM 170.* Study of common techniques for quantitative analysis and decision making including probability distributions, forecasting models, multivariate correlation and regression, linear programming, queuing analysis and simulation. Team and individual research and problem solving, report writing and oral presentations. Critical evaluation of assumptions in decision making including qualitative considerations.

#### **BADM 431 Finance. 3 hours.**

*Prerequisite: BADM 170, 228; ACCT 209; ACCT 210 or 312; MATH 203 or 231; or permission of instructor.* This course is an investigation of the study of finance and its implications. Topics covered include: financial statement analysis, the financial environment, risk, time value of money, stock, bond and firm evaluation, financing, financial institutions and multinational finance. The course emphasizes that financial managers must deal with various models,



# Advertising

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assumptions and cultures and are often called upon to make decisions based on qualitative as well as quantitative factors.

**ECON 201 Basic Economic Theory. 4 hours.** *Prerequisite: MATH 109 or equivalent or permission of instructor.* Students will be introduced to the way market economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

**ECON 312 Aggregate Economic Analysis. 4 hours.** *Prerequisite: ECON 201, knowledge of algebra.* Students will trace the historical development of contemporary macroeconomic analysis and use economic models to evaluate the impact of monetary and fiscal policies on the level of employment, output and prices in capitalist economies. The debate surrounding the appropriate role of government in promoting full employment and price stability is given emphasis.

**MATH 109 College Algebra. 3 hours.** *Prerequisite: one year of high school algebra and one year of high school geometry.* A study of functions and graphs, solutions of equations and inequalities and the properties of polynomial, rational, exponential and logarithmic functions.

**MATH 203 Mathematics and Inquiry. 3 hours.** In this course, students will develop quantitative and abstract reasoning abilities necessary to solve complex problems. Literacy in mathematics is developed, with concepts and skills from such areas as algebra, trigonometry, calculus, probability, statistics and computer science. This course will address critical thinking and problem-

solving skills, not simply numerical manipulations related to a single subdiscipline of mathematics. Emphasis will be placed on defining and setting up problems; understanding the steps required to solve various types of problems; understanding the factual information and quantitative abilities required for problem solving; and understanding how necessary information can be obtained from text material, resource individuals and computer resources.

**MATH 227 Introduction to Statistics. 3 hours.** *Prerequisite: MATH 100 or equivalent.* A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

**MATH 231 Calculus I. 4 hours.** *Prerequisite: MATH 109 and 110 or equivalent.* A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

**MATH 326 Probability Theory. 3 hours.** *Prerequisite: C or better in MATH 232 or permission of instructor.* This course includes an introduction to: probability theory, discrete and continuous random variables, mathematical expectation, multivariate distributions.

**MATH 327 Mathematical Statistics. 3 hours.** *Prerequisite: C or better in MATH 326 or permission of instructor.* This course takes the material from Math 326 into the applications side of statistics including: functions of random variables; sampling distributions; estimation; hypothesis testing.

# Advertising

## Department of Communication

Ron Schie, chair

The Advertising major is one of the larger sequences of the five sequences offered by the Communications department. Not only must they take a broad selection of courses, students in the Advertising major are also encouraged to become involved in numerous extracurricular professional activities.

Advertising majors are required to build on the base of a broad liberal arts education and Drury's core requirements with a series of professional courses designed to reflect the state of the art in the industry. The major has been designed with the realization that technology, as well as societal and economic conditions will cause the industry to evolve, and that career opportunities will change. For this reason, all advertising courses attempt to emphasize disciplined, analytical thinking and a reflective attitude toward industry practice. Account representative, copywriter, media planner, art director and media representative are a few of the career opportunities for advertising majors.

The advertising major must complete 36 hours of coursework: 27 hours of required courses and 9 hours of elective courses.

## Advertising Major:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

COMM 206	Foundations of Communication	3 hrs.
COMM 219	Principles of Advertising and Public Relations	3 hrs.
COMM 221	Media Writing	3 hrs.
COMM 264	Persuasive Communication	3 hrs.
COMM 312	Advertising Strategy	3 hrs.
COMM 322	Media Law and Ethics	3 hrs.
COMM 331	Media Analysis and Planning	3 hrs.
COMM 353	Mass Media and Society	3 hrs.
COMM 411	Advertising/PR Campaigns	3 hrs.
Choose three of the following recommended electives:		9 hrs.
COMM 201	Interpersonal Communication	
COMM 203	Graphic Design I	
COMM 204	Graphic Design II	
COMM 251	Small Group Communication	
COMM 275	Statistics for the Behavioral Sciences	
COMM 282	Media Applications	
COMM 283	Oral Interpretation	
COMM 324	Feature Writing	
COMM 335	Argumentation and Debate	
COMM 387	Organizational Communication	
COMM 390-490	Selected Topics	
COMM 397, 398, 497, 498	Internship	
COMM 412	Advertising Campaigns/Ad Team	

In addition to completing the 36 hours above, completion of the following two courses will make it possible for you to major in both Advertising and Public Relations (total of 42 hours).

COMM 311	Public Relations: Research and Strategy	3 hrs.
COMM 334	Public Relations: Application and Practice	3 hrs.

There are numerous extracurricular activities that are available within the Communication department community. The Drury Advertising Club (a student chapter of the American Advertising Federation) provides a variety of professional oriented activities including a student advertising agency, and the opportunity to participate as a member of the student advertising competition team. DC Networks (affiliated with the Springfield Professional Chapter of the Association for Women in Communications) also is professionally oriented, and is the sponsor of the annual D'Addy Awards Competition on the Drury campus. Students are also encouraged to become involved in the publication of *The Mirror* (student newspaper) or to gain broadcast experience by working with KDRU (student radio station) or DUTV (student TV station).

It is strongly recommended that all advertising majors have a minimum of two internships before graduation.

Advertising students who excel in their major, as well as overall, may be eligible for Alpha Delta Sigma, the professional honorary society for advertising students.

**Course Descriptions:** (For a complete list of communication courses, see page 221.)

**COMM 201 Interpersonal Communication. 3 hours.** An analysis of theoretical approaches to the study of interpersonal communication and the role of interpersonal communication in the development and maintenance of human relationships.

**COMM 203 Graphic Design I. 3 hours.** This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through

lectures, demonstrations and discussions, a basic understanding of layout, design and computer applications will be taught. Same as ARTS 203. (Meets Creativity Explored)

**COMM 204 Graphic Design II. 3 hours. Prerequisite: COMM 203.** This course is the second half of the two-semester sequence in which knowledge and skills of typography and communication of the written word in blended into the creation of personalized design projects reflecting a realistic approach to contemporary graphic design. Through lectures, demonstrations and discussions, an advanced understanding of computer applications, layout and design will be taught. Same as ARTS 204.

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**COMM 206 Foundations of Communication. 3 hours.** Introduction to the study of communication, including the major theories and research methods used in communication studies. Required of all communication department majors.

**COMM 219 Principles of Advertising and Public Relations. 3 hours.** Introduction to all aspects of advertising and public relations, including history, philosophies, people, the relationship between the fields, the diversity of opportunity and to the processes, quantitative, strategic and aesthetic, by which information and ideas are effectively communicated to target audiences.

**COMM 221 Media Writing. 3 hours.** Principles and practices of writing for print and broadcast journalism, public relations and advertising, with techniques for gathering material upon which to base such writing.

**COMM 251 Small Group Communication. 3 hours.** A study of the major variables and dynamics involved in group interactions. Emphasis on practical guidance to help students become more effective members and leaders of small groups. The course concludes with a group project based on the analysis of a decision-making group.

**COMM 264 Persuasive Communication. 3 hours.** A study of the persuasive process. Students study basic theories of persuasion and public speaking. Practical applications are made by presenting persuasive speeches and critical projects. Required of all communication department majors.

**COMM 275 Statistics for the Behavioral Sciences. 3 hours.** *Prerequisite: PSYC 101, PLSC 101, CRIM 102 or SOCI 101 or permission of instructor. PSYC/SOCI/CRIM 200 recommended.* This course introduces the student to the basic design methodologies and statistical techniques used in behavioral sciences. Some of the topics considered are mixed and correlational designs, analysis of variance and data collection procedures. *Offered both semesters.* Same as CRIM 275, PLSC 275, PSYC 275 and SOCI 275.

**COMM 282 Media Applications. 3 hours.** Principles of effective communication utilizing electronic media. Students gain practical knowledge and skills in producing messages for radio and television.

**COMM 283 Oral Interpretation I. 3 hours.** Introduction to basic oral interpretation of the printed page. Same as THTR 283. (Meets Creativity Explored)

**COMM 311 Public Relations: Research and Strategy. 3 hours.** *Prerequisites: COMM 206, 219, and 221.* Identification and analysis of trends and issues that influence profit and nonprofit organizations. Students will study research principles as they apply to understanding public opinion. The course will culminate in a research practicum.

**COMM 312 Advertising Strategy. 3 hours.** *Prerequisite: COMM 206, 219 and 221.* Focuses on strategic thinking and critical skills in the development of advertising messages. Students will learn to develop strategies, execute creative strategies, evaluate creative work,

maintain strategic and executional continuity throughout a campaign and present their ideas.

**COMM 322 Media Law and Ethics. 3 hours.** A survey of federal, state and municipal laws governing freedom of speech and commerce in journalism, public relations and advertising, with an exploration of ethical guidelines for professional behavior. Required of all communication department majors.

**COMM 324 Feature Writing. 3 hours.** *Prerequisite: COMM 320.* Builds upon newswriting fundamentals and journalistic principles presented in COMM 221, venturing beyond the reporting of routine events and into the realm of feature stories that illuminate, explain and entertain.

**COMM 331 Media Analysis and Planning. 3 hours.** *Prerequisite: COMM 206, 219 and 221.* This course focuses on the key issues involved in the development of media strategies and the tools and techniques used to analyze media opportunities. The emphasis is on determining how all media -- the nontraditional as well as the traditional -- can deliver messages to target audiences.

**COMM 334 Public Relations: Application and Practice. 3 hours.** *Prerequisite: COMM 206, 219, and 221.* Students will develop skills in writing various PR tools for both internal and external organizational audiences. Desktop publishing software will be used to create PR materials such as news releases, brochures, newsletters, annual reports and PSAs.

**COMM 335 Argumentation and Debate. 3 hours.** Students will explore the theory and practice of argumentation. Introduction to classic theory, the formal structure of debate and contemporary approaches to interpersonal argumentation. Students will write argumentative essays, demonstrate argumentation skills orally and critique the written and oral arguments of others.

**COMM 353 Mass Media and Society. 3 hours.** The history and current status of mass media in America, including newspapers, magazines, books, motion pictures, the recording industry, radio and television and media effects upon society. Required of all communication department majors.

**COMM 387 Organizational Communication. 3 hours.** This course focuses on communication as a process variable which affects the internal functions of an organization. It is concerned with organizational structures and practices which can either enhance or impede the free flow of information. Students will study the dynamics of organizational communication in a project based on the communication audit of a local organization.

**COMM 411 Advertising/PR Campaigns. 3 hours.** Designed to give students the opportunity to integrate all prior learning and apply it to an actual problem-solving effort for a real-world client who articulates the problem and assists in evaluation of the final work. The focus is on the development of a comprehensive campaign plan to be presented both in written and oral presentations. This is the capstone course for advertising

and public relations majors and should be taken in the senior year.

**COMM 412 Advertising Campaigns/Ad Team. 3 hours.** *Prerequisite:* COMM 411 and permission of instructor. This is the second half of the two semester AAF Competition effort. A team will be selected from the fall Advertising Campaigns class to compete in the

American Advertising Federation's National Student Advertising Competition.

**COMM 290, 390, 490 Selected Topics. 1-3 hours.** See page 34.

**COMM 291, 292, 391, 392, 491, 492 Research.** See page 34.

**COMM 397, 398, 497, 498 Internship.** See

page 34.

# Architecture

## Hammons School of Architecture

Michael J. Buono, director

The Hammons School of Architecture offers a five-year professional bachelor of architecture degree. The required architecture courses are integrated with the liberal arts curriculum of the university. The objective of this integrated curriculum approach is preparation for professional architectural practice within the broadest possible educational context.

The first two years of the five-year program are considered the pre-professional years. Enrollment in the first year of the pre-professional program is limited based upon high school GPA and SAT/ACT scores. All students interested in pursuing a degree in architecture should file an Intent to Study Architecture form with the architecture office.

Because the architecture curriculum is sequentially structured, students are screened at the end of the first year, and each subsequent year, to assure the prerequisites have been completed with acceptable grades before they are allowed to advance to the next year level of the program.

Application to continue in the professional program at the third year level must be made at the beginning of the spring semester of the sophomore year. Admission requires the completion of, or credit for, the following courses with a GPA of 2.75:

### Bachelor of Architecture

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

#### 1st Year -- Fall Semester

ARCH 111	Foundations of Design	3 hrs.
ARTS 123	Drawing	3 hrs.
ARCH 151	History of Art and Architecture I	3 hrs.
GLST 101	Alpha Seminar I	3 hrs.
MATH 203 (or higher)	Mathematics and Inquiry	3 hrs.
	Enrichment or GLST	2 hrs.

#### Spring Semester

ARCH 112	Architectural Design II	5 hrs.
ARCH 124	Architectural Representation	3 hrs.
ARCH 152	History of Art and Architecture II	3 hrs.
GLST 102	Alpha Seminar II	3 hrs.
	Enrichment or GLST	3 hrs.

#### 2nd Year -- Fall Semester

ARCH 213	Architectural Design III	5 hrs.
ARCH 233	Introduction to Building Systems	3 hrs.
ARCH 253*	Theories of Architecture	3 hrs.
PHYS 201	Principles of Physics	4 hrs.
	Enrichment or GLST	2 hrs.

*\*Can be taken either fall or spring semester of second year.*

#### Spring Semester

ARCH 214	Architectural Design IV	5 hrs.
ARCH 225	Introduction to Computers in Architecture	3 hrs.

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ARCH 234	Structures I	3 hrs.
	Enrichment or GLST	6 hrs.

**Selective admission into professional program: Minimum cumulative GPA of 2.75.**

*Note: The professional program admission is based upon a cumulative GPA. An educational portfolio and educational plan are required as part of the admission process for advising and mentoring purposes and as a tool for curriculum assessment.*

*Students will be required to update their educational portfolio and educational plan, in consultation with their advisors, at the end of every year during the professional program. Students in both the pre-professional and professional programs must maintain a cumulative GPA of 2.75 to remain in the architecture program. No ARCH designated course shall count toward graduation without a grade of C- or better. Failure to make a C- or better in any ARCH designated course after two tries will result in removal from the architecture program.*

**3rd Year -- Fall Semester**

ARCH 315	Architectural Design V	5 hrs.
ARCH 335	Environmental Systems I	3 hrs.
ARCH 336	Structures II	3 hrs.
ARCH 354	History of Modern Architecture I	3 hrs.
	Enrichment or GLST	3 hrs.

**Spring Semester**

ARCH 316	Architectural Design VI	5 hrs.
ARCH 337	Environmental Systems II	3 hrs.
ARCH 338	Structures III	3 hrs.
ARCH 355	History of Modern Architecture II	3 hrs.
	Enrichment or GLST	3 hrs.

**Internship Experience**

ARCH 461	Internship	3 hrs.
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*Internship can be completed either summer past the third year.*

**4th Year -- Fall Semester**

ARCH 417	Community Studies Studio	5 hrs.
ARCH 467	Facility Programming	3 hrs.
	Enrichment or GLST	9 hrs.

**Spring Semester**

ARCH 418*	Global Studio	3 hrs.
ARCH 426*	Travel Journal: Mediterranean Cultures	3 hrs.
ARCH 456*	Culture & Place: The Greek Legacy	3 hrs.
	Enrichment or GLST	6 hrs.

\*Alternate Summer Foreign Study Program: ARCH 413, 428 & 458

*NOTE: During the Volos Program, students shall be restricted to a maximum of 15 credit hours to optimize the cultural experience. Students who do not participate in the Volos Program shall complete an approved ARCH 413, 428 and 458 Foreign Summer Program of at least five weeks in length or equivalent semester or five week program. Students choosing the ARCH 428 & 458 option will have to take the ARCH 413 design studio during the fourth year.*

**5th Year -- Fall Semester**

ARCH 519	Architectural Design IX	5 hrs.
ARCH 557	Architecture Seminar	3 hrs.
	Enrichment or GLST	9 hrs.

**Spring Semester**

ARCH 520	Architectural Design X	5 hrs.
ARCH 569	Professional Practice	3 hrs.
	Enrichment or GLST	9 hrs.

Students seeking admission to the professional program should meet with their advisors prior to application. Admission will be based on Drury University grades overall and a review of a portfolio of work to date including an essay and examples of college and non-college work. Students accepted to continue in the professional program are required to maintain good academic standing in the university and a 2.75 GPA.

Transfer students seeking advanced placement in the studio sequence must submit a portfolio and transcripts. Those who have met admission requirements will be considered for admission to the professional program on a space available basis. Portfolio submissions must be received by May 15 for the following fall and November 15 for the following spring. Transfer students, at the

judgement of the faculty, may be admitted to the professional program on a probationary status for one semester, with subsequent full admission depending on performance.

Students must receive a grade of C- or better in all coursework with an ARCH designation and GLST 101, GLST 102, GLST 200, MATH 203 and PHYS 201 for that work to count toward the graduation requirements for the bachelor of architecture degree or for the minor in architecture. Students who fail to make a C- or better in any ARCH designated course after two tries will not be allowed to continue in the architecture program.

The department of architecture offers advising and career counseling. Throughout the five-year program the department will continuously monitor each student's progress (see architecture student handbook).

As part of the professional coursework in architecture, students are required to complete one international architectural program experience in addition to one 480 hour office experience under the supervision of a registered architect after admission to the professional program. These experiences must take place prior to admission to the fifth year of the program.

The requirements for the bachelor of architecture degree include the liberal arts core curriculum as specified for the bachelor of arts degree, professional coursework in architecture and electives. Total requirements for the five-year bachelor of architecture degree: 169 hours. These requirements satisfy the National Architectural Accrediting Board Conditions and Procedures.

### Dual Major Options

Students may choose to use elective hours to meet the undergraduate prerequisites for the dual bachelor of architecture/master in business administration degree option which is offered in collaboration with the Breech School of Business Administration, or any other program approved as an accepted dual major with architecture. For the dual degree option in business administration, students are required to complete 22 credit hours of undergraduate business courses prior to completing the architecture program and one additional year and summer at the graduate level in the school of business administration.

### Architecture Minor

A 15-hour minor in architecture is available for non-architecture majors. It is structured with the intention of providing maximum flexibility for individual student needs while providing a basic understanding of curriculum content. The required courses for the minor are:

ARCH 112	Architectural Design II	5 hrs.
ARCH 151	History of Art and Architecture I	3 hrs.
ARCH 152	History of Art and Architecture II	3 hrs.

Choose two additional architecture courses at the 200 level or above.

The procedure for selecting the two additional courses is as follows: the student, in consultation with an advisor, develops a proposal listing the desired additional courses. If the student has not met a prerequisite for the course(s), the student must obtain the instructor's permission to waive the prerequisite. The completed proposal and a completed 'Declaration of Major and Minor' form is then submitted for approval to the director of the Hammons School of Architecture.

### Course Descriptions:

**ARCH 111 Foundations of Design. 3 hours.** An introduction to the principles of design. Basic creative problem-solving and design principles are explored through studio projects and symposium presentations. This course is the first in a sequence of studio courses for both art and architecture majors, but also serves non-majors. Same as ARTS 111. *Offered fall semester. (Meets Creativity Explored)*

**ARCH 112 Architectural Design II. 5 hours.** *Prerequisite: ARCH 111 and ARTS 123. Co-requisite: ARCH 124.* Studio exercises which explore principles of spatial organization, methods and procedures of problem solving, materials,

structure and basic design determinant relationships. *Offered spring semester. (Meets Creativity Explored)*

**ARCH 124 Architectural Representation. 3 hours.** *Prerequisite: ARCH 111 and ARTS 123 or equivalent. Co-requisite: ARCH 112.* This course is structured to develop an understanding and ability to use representational media to visualize, document, investigate and present intentions within the graphic language of architectural communication. A range of integrative 2D and 3D techniques used to delineate architectural information will be explored. These skills will facilitate recording of key experiences, exploration of various design alternatives, refinement of designs, achievement of precision and accuracy, searching visual memory and the communication of intentions to others. *Offered spring semester.*

**ARCH 151 History of Art and Architecture I.**

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**3 hours.** An analytical survey of western traditions in art and architecture from the Paleolithic through the Middle Ages, including such periods and styles as Egyptian, Greek, Roman, Early Christian, Romanesque and Gothic. Analysis of these traditions develops an awareness of non-western traditions. Same as ARTS 151. (Meets Artifacts of Western Culture)

**ARCH 152 History of Art and Architecture II. 3 hours.** An analytical survey of western traditions in art and architecture from the Renaissance to the present, including such periods and styles as Baroque, Neoclassical, Romanticism, Modern and Post-Modern. Analysis of these traditions develops an awareness of non-western traditions. Same as ARTS 152. (Meets Artifacts of Western Culture)

**ARCH 213 Architectural Design III. 5 hours.** *Prerequisite:* ARCH 112 and 124. Investigation of the relationship between liberal arts, architecture and design process. Focuses on conceptual approaches to problem solving and development of a critical process. Projects will explore abstract architectural solutions within an experiential context focusing on interplay between landscape, site and shelter. *Offered fall semester.*

**ARCH 214 Architectural Design IV. 5 hours.** *Prerequisite:* ARCH 213 and 233. *Co-requisite:* ARCH 225. Exploration of program and its effect on the development of innovative design solutions. Projects will focus on user needs and sociocultural influences on organizational principles based on investigations of architectural precedents. *Offered spring semester.*

**ARCH 225 Introduction to Computers in Architecture. 3 hours.** *Prerequisite:* ARCH 124. *Co-requisite:* ARCH 214. This course builds on principles taught in ARCH 124, focusing on digital skills and processes that enhance communication techniques. A range of integrative representation techniques and principles will be explored through a variety of 2D and 3D software programs. *Offered spring semester.*

**ARCH 233 Introduction to Building Systems. 3 hours.** *Co-requisite:* ARCH 213. Introduction of basic design and building principles; human comfort, structure, life safety and enclosure systems. This course will emphasize the development of basic introductory knowledge for an application in the design process. *Offered fall semester.*

**ARCH 234 Structures I. 3 hours.** *Prerequisite:* MATH 203, PHYS 211, ARCH 233. Investigation of the basic principles of structural systems through the analysis of overall structural behavior with specific attention to statics and system modeling. *Offered spring semester.*

**ARCH 253 Theories of Architecture. 3 hours.** *Prerequisite:* ARCH 152 or permission of instructor. An introduction to the range of theoretical issues and approaches through which architecture has been and can be conceptualized, designed, produced, explained and assessed. Students are expected to develop their abilities to understand, discuss and write about architectural issues in a clear, rigorous way.

**ARCH 315 Architectural Design V. 5 hours.** *Prerequisite:*

*Admission to the professional program.* Tectonic exploration and expression architectural design studio. Intermediate investigation of architectural design with emphasis on tectonic intent, construction techniques, building materials and construction detailing as they relate to the creative process and realization of the built environment. *Offered fall semester.*

**ARCH 316 Architectural Design VI. 5 hours.** *Prerequisite:* ARCH 315. Integrative explorations and expressions architectural design studio. Intermediate investigation of architectural design through the synthesis of all previous content. This involves the integration of conceptualization, site, program, human factors, technologies and building systems integration as they relate to the creative process, the study of the liberal arts and the realization of the built environment. *Offered spring semester.*

**ARCH 335 Environmental Systems I. 3 hours.** *Prerequisite:* admission to the professional program, or permission of the instructor. This course deals with those building elements which pertain to the visual and aural conditioning for the purposes of human use and comfort. The basic principles of light (natural and mechanical) and acoustical systems, their integration with other building systems and the impact on the aesthetics of design will be stressed. Plumbing and electrical systems will also be presented. *Offered fall semester.*

**ARCH 336 Structures II. 3 hours.** *Prerequisite:* ARCH 234. Analytical examination of timber and steel structures. Involves examination and design of solid and laminated timber and steel structures. *Offered fall semester.*

**ARCH 337 Environmental Systems II. 3 hours.** *Prerequisite:* ARCH 335. This course deals with those building elements which pertain to thermal conditioning for the purposes of human use and comfort. The basic principles of thermal (natural and mechanical) control systems, their integration with other building systems and their impact on the aesthetics of design will be stressed. Fire safety and suppression systems will also be presented. *Offered spring semester.*

**ARCH 338 Structures III. 3 hours.** *Prerequisite:* ARCH 372. Analytical examination of reinforced masonry construction and reinforced concrete building frames, footings, columns and floor systems. *Offered spring semester.*

**ARCH 341 History of Ancient Art and Architecture. 3 hours.** An in-depth examination of art and architecture in prehistoric and early historic cultures, including Egyptian, Near Eastern, Greek and Roman. Same as ARTS 341.

**ARCH 342 History of Medieval Art and Architecture. 3 hours.** An in-depth examination of art and architecture from the collapse of the Roman Empire through the end of the Gothic era. The course covers early Christian, Byzantine, early Medieval, Islamic, Romanesque and Gothic developments. Same as ARTS 342.

**ARCH 343 History of Renaissance Art and Architecture. 3 hours.** An in-depth examination of

Italian art and architecture from c. 1250 to 1550. The course covers the development of the Renaissance style in Italy from the Late Gothic period through the High Renaissance and into the Mannerist period. Same as ARTS 343.

**ARCH 344 History of Modern Art. 3 hours.** An in-depth examination of art from the Romantic period (circa 1800) to the emergence of the Modern Period (1850), through the early twentieth century to the present. Same as ARTS 344. (Meets Artifacts of Western Culture)

**ARCH 345 History of American Art and Architecture, Prior to 1900. 3 hours.** A survey of American art and architecture from the earliest colonial period to 1900. The course covers the visual and the decorative arts and architecture. Same as ARTS 345.

**ARCH 349 History of Eastern Art and Architecture. 3 hours.** A survey of the arts of China, Japan, Korea, India and South Asia. The course covers the major movements in oriental art and architecture from prehistoric cultures to the present time. Same as ARTS 349.

**ARCH 352 Native American Architecture. 3 hours.** This course examines the architectural traditions of native peoples of North America and their relationship to historical, environmental, religious, economic and social imperatives. Same as ARTS 352. (Meets Minorities and Indigenous Cultures)

**ARCH 354 History of Modern Architecture I. 3 hours.**  
*Prerequisite: Admission to the professional program or permission of the instructor.* An introduction to the history of modern architecture, from its intellectual and artistic origins in the nineteenth century through the postwar period. Special emphasis is placed on the consideration of modernism in architecture not just as a narrowly defined stylistic movement, but also as a broader cultural phenomenon through which architects engaged in a changing world. Same as ARTS 354. Offered fall semester.

**ARCH 355 History of Modern Architecture II. 3 hours.**  
*Prerequisite: ARCH 354.* An examination of contemporary architectural and urbanistic theories and practices, emphasizing the continuing traditions of modernism and the various critiques of these that have emerged in recent decades. The contemporary scene is discussed across a wide range of professional models and socio-geographic contexts. Same as ARTS 355. Offered spring semester.

**ARCH 365 Islamic Art and Architecture. 3 hours.** An in-depth examination of Islamic art and architecture in its formative period from the seventh through the fourteenth centuries. This course seeks an understanding of Islamic art and architecture in its cultural context by locating both its unique characteristics and its roots in Sassanian, Byzantine and Arabic traditions. Same as ARTS 365. (Meets Minorities and Indigenous Cultures)

**ARCH 413 Global Challenges and Explorations. 5 hours.**  
*Prerequisite: Admission to the professional program.* Students who do not choose to participate in the semester abroad program must take the Global

Challenges and Explorations Studio during their fourth year. This studio will investigate contemporary architecture design issues related to multi-culturalism and globalization. This program does not satisfy any of the architectural design studios for Drury architecture majors unless approved the School of Architecture curriculum committee. Students who participate in this program must take ARCH 413 during the fourth year.

**ARCH 417 Community Studies Studio. 5 hours.**  
*Prerequisite: ARCH 316 or permission of the instructor. Co-requisite: ARCH 467.* This studio promotes the critical, creative and innovative exploration of environmental, human and tectonic factors associated with 'real world', funded, community-based architectural and urban design problems. All projects are student developed and managed under the supervision of the Director of the Center for Community Studies. Particular emphasis shall be placed upon the development of interdisciplinary and participatory investigations of regional community problems.

**ARCH 418 Global Studio. 3 hours.**  
*Prerequisite: ARCH 316. Co-requisite: ARCH 426 and 456.* An interdisciplinary studio organized and taught in collaboration with the city of Volos, Greece. The studio applies the lessons of GLST 301 Global Futures to the future of the region and proposes solutions to local and regional problems. It studies issues of globalization within the context of developments in the Eastern Mediterranean and the European Union. It offers opportunities for architectural design and planning, art and art history, philosophy and religion, history and political science, business and economic components and environmental science.

**ARCH 426 Travel Journal: Mediterranean Cultures. 3 hours.**  
*Co-requisite: ARCH 418 and 456.* Students will apply cultural theories from GLST 201 Global Awareness and Cultural Diversity to disciplined observation of the diversity of practices, rituals, habits and artistic productions of the peoples of the Mediterranean as the crossroads between Europe, the Middle East and Africa. (Meets Minorities and Indigenous Cultures)

**ARCH 428 Journaling: Urban Form in the Global Context. 3 hours.**  
*Co-requisite: ARCH 458.* This internationally based course will examine formal and spatial characteristics of significant urban places and the buildings and landscape that comprise them. Emphasis will be placed on developing an understanding of the interplay between urban design, planning, architecture and landscape in specific international contexts. Students will use journals and drawings in order to document, analyze and synthesize their observations and insights in a disciplined and diverse manner. Offered summer only.

**ARCH 456 Culture and Place: The Greek Legacy. 3 hours.**  
*Co-requisite: ARCH 418 and 426.* This course examines Greece as a place of major significance in the consciousness of Western Civilization and the social cultural forces that have shaped its artistic, intellectual and spiritual traditions in the ancient, medieval and modern eras. (Meets Ideas and Events of Western



# Architecture

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History)

**ARCH 458 Culture and Place: The Theoretical and Historical Context. 3 hours.** *Co-requisite: ARCH 428.* This internationally based course examines places of major significance and the social cultural forces that have and continue to shape its artistic, intellectual and spiritual traditions. *Offered summer only.*

**ARCH 461 Internship. 1 hour.** A 12-week, full-time summer work experience under the direct supervision of a registered architect or 480 hours of accumulated professional office experience or 480 hours of approved alternate experiences. Students must document the experience by either establishing an Internship Development Program (IDP) record or by submitting a portfolio with letters of recommendation from the supervising architect to the Academic Oversight Committee. This requirement may be completed at any time during the first five semesters of the professional program but prior to ARCH 515 or 520. The School of Architecture will assist students in their search for appropriate internship experiences; however, it is the students' responsibility to secure employment. The School of Architecture does not place students in internship situations. S/U grading.

**ARCH 467 Facility Programming. 3 hours.** *Co-requisite: ARCH 417.* Lectures concerned with methods and techniques for systematic problem-solving and program development. Topics covered may range from project planning, problem awareness, identification of user need, decision theory, decision evaluation, budgeting

or resources, communication and quality control. This course is integral to the projects in ARCH 417.

**ARCH 519 Architectural Design IX. 5 hours.** *Prerequisite: ARCH 417 and 418 or 413 and 428 and 458.* This studio examines contemporary global trends that will affect the development and creation of architectural and urban design projects in the future. These architectural and urban design investigations shall seek to develop viable innovative solutions through an integrated studio and seminar approach. *Offered fall semester only.*

**ARCH 520 Architectural Design X. 5 hours.** *Prerequisite: All ARCH courses except ARCH 569.* This studio explores architectural design challenges in a comprehensive and integrative manner. Students will be expected to demonstrate their ability to develop a process and product of design that critically and creatively responds to a design challenge. *Offered spring semester only.*

**ARCH 557 Architecture Seminar. 3 hours.** *Prerequisite: ARCH 355 or permission of instructor.* Advanced seminar in architecture. Focus and topics will be determined by faculty. Within this framework, students will be expected to identify a major research topic of relevance to their own interests and professional goals and to connect these specific and personal interests with their wider educational experience in the Drury liberal arts curriculum. *Offered fall semester only.*

**ARCH 569 Professional Practice. 3 hours.** *Co-requisite: ARCH 515 or 520.* This lecture course addresses: 1) laws and regulations; 2) project process and economics; and

3) business practices and management. *Offered spring semester only.*

**ARCH 291, 292, 391, 392, 491, 492 Research. See page 34.**

**ARTS 123 Drawing. 3 hours.** Students will work in a variety of drawing media and techniques solving representational problems. This course includes an introduction to figure drawing. (Meets Creativity Explored)

The National Architectural Accrediting Board requests that each student be advised of the following:

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit US professional degree programs in architecture, recognizes two types of degrees: the bachelor of architecture and the master of architecture. A program may be granted a five-year, three-year, or two-year term of accreditation, depending on its degree of conformance with established educational standards.

# Art History

## Department of Art and Art History

Thomas E. Russo, chair

The department of art and art history offers:

1. Introductory courses designed to develop appreciation and lead to increased understanding of the fine arts and their contribution to the cultural life of society.
2. Advanced courses leading to an academic major or minor in studio arts or art history.
3. Special programs formulated to prepare the student for a professional career, graduate study, or teaching.
4. Support courses leading to a professional degree in architecture.

The department of art and art history offers three majors leading to a bachelor of arts degree. A student can major in art history, design arts, or fine arts. General requirements for the various departmental options as well as the specific courses offered are listed below.

### The Art History, Design Arts and Fine Arts Majors

Prior to selecting a major, students should consult with their advisor and the chairman of the department of art and art history. All students who decide to major in art or art history should officially elect a faculty member from the department as their formal advisor and consult with that faculty member prior to course registration each semester. All three majors include ARTS 111, 151 and/or 152, 293, 393 and 493. ARTS 111 is offered in the *fall semester only* and is to be taken in the freshman year if you are considering a major in the visual arts. ARTS 293, 393 and 493 are offered in the *spring semester only* and should be taken as follows: ARTS 293 in the sophomore year, ARTS 393 in the junior year and ARTS 493 in the senior year.

This major is for students who wish to develop an appreciation and increased understanding of the various roles that the visual arts play within different historical contexts. This major is also appropriate for students who are considering application to graduate school for art history, museum studies, or art/architecture conservation. ARTS 374 Historiography is recommended for all art history majors.

### Art History Major

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ARTS 111	Foundations of Design	3 hrs.
ARTS 151	History of Art and Architecture I	3 hrs.
ARTS 152	History of Art and Architecture II	3 hrs.
ARTS 293, 393, 493	Art Core	3 hrs.
Choose six electives from this group; three must be 300 level or above:		18 hrs.
ARTS 341	History of Ancient Art and Architecture	
ARTS 342	History of Medieval Art and Architecture	
ARTS 343	History of Renaissance Art and Architecture	
ARTS 344	History of Modern Art	
ARTS 345	History of American Art and Architecture, Prior to 1900	
ARTS 347	Native Arts and Cultures	
ARTS 348	History of Photography	
ARTS 349	History of Eastern Art and Architecture	
ARTS 350	History and Theory of Graphic Communication	
ARTS 352	Native American Architecture	
ARTS 359	The Printed Book as Art and Artifact, 1450-1850	
ARTS 365	Islamic Art and Architecture	
ARTS 374	Historiography	
ARTS 384	History of Modern Architecture	
ARTS 416	Curatorial Workshop	
ARTS 390, 490	Selected Topics	

# Art History

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Choose one elective from this group:

3 hrs.

- |                         |                              |
|-------------------------|------------------------------|
| ARTS 376                | Field Studies in Art History |
| ARTS 391, 392, 491, 492 | Research                     |
| ARTS 397, 398, 497, 498 | Internship                   |
|                         | Any Fine/Design Arts course  |

*Courses used as electives for one Art or Art History major may not also satisfy elective requirements for another Art or Art History major or minor. No more than one directed study may count toward a major.*

## Art History Minor

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

- |                                |   |        |
|--------------------------------|---|--------|
| ARTS 151                       | History of Art and Architecture I                       | 3 hrs. |
| ARTS 152                       | History of Art and Architecture II                      | 3 hrs. |
| Choose three of the following: |   | 9 hrs. |
| ARTS 341                       | History of Ancient Art and Architecture                 |        |
| ARTS 342                       | History of Medieval Art and Architecture                |        |
| ARTS 343                       | History of Renaissance Art and Architecture             |        |
| ARTS 344                       | History of Modern Art                                   |        |
| ARTS 345                       | History of American Art and Architecture, Prior to 1900 |        |
| ARTS 347                       | Native Arts and Cultures                                |        |
| ARTS 348                       | History of Photography                                  |        |
| ARTS 349                       | History of Eastern Art and Architecture                 |        |
| ARTS 350                       | History and Theory of Graphic Communication             |        |
| ARTS 352                       | Native American Architecture                            |        |
| ARTS 359                       | The Printed Book as Art and Artifact, 1450-1850         |        |
| ARTS 365                       | Islamic Art and Architecture                            |        |
| ARTS 374                       | Historiography  |        |
| ARTS 376                       | Field Studies in Art History                            |        |
| ARTS 384                       | History of Modern Architecture                          |        |
| ARTS 390, 490                  | Selected Topics   |        |
| ARTS 416                       | Curatorial Workshop                                     |        |

*Courses used as electives for one Art or Art History minor may not also satisfy elective requirements for another Art or Art History major or minor.*

## Art History Courses

**ARTS 151 History of Art and Architecture I. 3 hours.** An analytical survey of western traditions in art and architecture from the Paleolithic through the Middle Ages, including such periods and styles as Egyptian, Greek, Roman, Early Christian, Romanesque and Gothic. Analysis of these traditions develops an awareness of non-western traditions. Same as ARCH 151. (Meets Artifacts of Western Culture)

**ARTS 152 History of Art and Architecture II. 3 hours.** An analytical survey of western traditions in art and architecture from the Renaissance to the present, including such periods and styles as Baroque, Neoclassical, Romanticism, Modern and Post-Modern. Analysis of these traditions develops an awareness of non-western traditions. Same as ARTS 152. (Meets Artifacts of Western Culture)

**ARTS 293 Art Core. 1 hour. Prerequisite: ARTS 111. For ARTS majors only.** A sophomore level seminar course aimed at acquainting students with current readings in the field of basic art theory and contemporary issues in arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty. This course, along with 393, is a prerequisite for senior Art Core (493) which is the capstone course in the art history major. Offered spring semester only.

**ARTS 341 History of Ancient Art and Architecture. 3 hours.** An in-depth examination of art and architecture in prehistoric and early historic cultures, including Egyptian, Near Eastern, Greek and Roman. Same as ARCH 341.

**ARTS 342 History of Medieval Art and Architecture. 3 hours.** An in-depth examination of art and architecture from the collapse of the Roman Empire through the end of the Gothic era. The course covers early Christian, Byzantine, early Medieval, Islamic, Romanesque and Gothic developments. Same as ARCH 342.

**ARTS 343 History of Renaissance Art and Architecture. 3 hours.** An in-depth examination of Italian art and architecture from c. 1250 to 1550. The course covers the development of the Renaissance style in Italy from the Late Gothic period through the High Renaissance and into the Mannerist period. Same as ARCH 343.

**ARTS 344 History of Modern Art. 3 hours.** An in-depth examination of art from the Romantic period (circa 1800) to the emergence of the Modern Period (1850), through the early twentieth century to the present. Same as ARCH 344. (Meets Artifacts of Western Culture)

**ARTS 345 History of American Art and Architecture, Prior to 1900. 3 hours.** A survey of American art and

architecture from the earliest colonial period to 1900. The course covers the visual and the decorative arts and architecture. Same as ARCH 345.

**ARTS 347 Native Arts and Cultures. 3 hours.** A survey of the arts from primitive cultures, i.e., African, native American, etc. The course covers the visual and decorative arts and architecture. (Meets Minorities and Indigenous Cultures)

**ARTS 348 History of Photography. 3 hours.** A survey of the aesthetic and technical development of photography from its origin to the present. Particular emphasis will be given to the contextual relationships of photographic imagery to the visual arts and to the culture at large.

**ARTS 349 History of Eastern Art and Architecture. 3 hours.** A survey of the arts of China, Japan, Korea, India and South Asia. The course covers the major movements in oriental art and architecture from prehistoric cultures to the present time. Same as ARCH 349.

**ARTS 350 History and Theory of Graphic Communication. 3 hours.** This course will offer the student the opportunity to explore the psychological and sociological aspects of advertising and visual communication, providing an historical and theoretical context for studio graphic design offerings. Same as COMM 350.

**ARTS 352 Native American Architecture. 3 hours.** This course examines the architectural traditions of native peoples of North America and their relationship to historical, environmental, religious, economic and social imperatives. Same as ARCH 352. (Meets Minorities and Indigenous Cultures)

**ARTS 354 History of Modern Architecture I. 3 hours.** An introduction to the history of modern architecture, from its intellectual and artistic origins in the nineteenth century through the postwar period. Special emphasis is placed on the consideration of modernism in architecture not just as a narrowly defined stylistic movement, but also as a broader cultural phenomenon through which architects engaged in a changing world. *Offered fall semester.* Same as ARCH 354.

**ARTS 355 History of Modern Architecture II. 3 hours.** *Prerequisite: ARTS 354.* An examination of contemporary architectural and urbanistic theories and practices, emphasizing the continuing traditions of modernism and the various critiques of these that have emerged in recent decades. The contemporary scene is discussed across a wide range of professional models and socio-geographic contexts. Same as ARCH 355. *Offered spring semester.*

**ARTS 359 The Printed Book as Art and Artifact, 1450-1850. 3 hours.** An introduction to printing history and the history of the book. This course examines the development of printing, including the development of allied arts such as type-cutting and casting, papermaking, bookbinding and illustration. It also seeks to study the cultural contexts of printing and the

book, with special emphasis on the rise of a reading public. Throughout the course, students will examine and handle examples from the library's rare book collection. Same as LIBR 359. (Meets Artifacts of Western Culture)

**ARTS 365 Islamic Art and Architecture. 3 hours.** An in-depth examination of Islamic art and architecture in its formative period from the seventh through the fourteenth centuries. This course seeks an understanding of Islamic art and architecture in its cultural context by locating both its unique characteristics and its roots in Sassanian, Byzantine and Arabic traditions. Same as ARCH 365. (Meets Minorities and Indigenous Cultures)

**ARTS 374 Historiography. 3 hours.** *Prerequisite: ARTS 152.* A historical study of the principal theories and methodologies of visual analysis.

**ARTS 376 Field Studies in Art History. 3 hours.** A course designed to promote first hand, in-depth experience with works of art and/or architecture in order to foster the integration of theoretical and applied learning skills in the art history major. Students will participate in an off-campus field study or internship program of their choice, the exact nature of which will be determined by the interests of the student and must be approved in consultation with a faculty member.

**ARTS 393 Art Core. 1 hour.** *Prerequisite: ARTS 293 or permission of instructor. For ARTS majors only.* A junior level seminar course aimed at furthering students' awareness of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty as they pursue upper-division course work in art history. This course is a prerequisite for senior Art Core (493) which is the capstone course in the art history major. *Offered spring semester only.*

**ARTS 416 Curatorial Workshop. 3 hours.** Experience with curatorial techniques, the design and mounting of an exhibition by the individual student and reading in the field.

**ARTS 493 Art Core. 1 hour.** *Prerequisite: ARTS 393 or permission of instructor. For ARTS majors only.* A senior level course aimed at furthering students' knowledge of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty during their preparation of a senior project. This course is the capstone in the art history major. *Offered spring semester only.*

**ARTS 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**ARTS 291, 292, 391, 392, 491, 492 Research.** See page 34.

**ARTS 397, 398, 497, 498 Internship.** See page 34.

## Design Arts and Fine Arts Courses

**ARTS 111 Foundations of Design. 3 hours.** An introduction to the principles of design. Basic creative problem-solving and design principles are explored through studio projects and symposium presentations. This course is the first in a sequence of studio courses for both art and architecture majors, but also serves non-majors. Same as ARCH 111. *Offered fall semester only.* (Meets Creativity Explored)

**ARTS 123 Drawing. 3 hours.** Students will work in a variety of drawing media and techniques solving representational problems. This course includes an introduction to figure drawing. (Meets Creativity Explored)

**ARTS 200 The Figure. 3 hours.** *Prerequisite:* ARTS 123. A course in figure drawing involving intensive study and work from the model. (Meets Creativity Explored)

**ARTS 203 Graphic Design I. 3 hours.** This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through lectures, demonstrations and discussions, a basic understanding of layout, design and computer applications will be taught. Same as COMM 203. (Meets Creativity Explored)

**ARTS 204 Graphic Design II. 3 hours.** *Prerequisite:* ARTS 203. This course is the second half of the two-semester sequence in which knowledge and skills of typography and communication of the written word in blended into the creation of personalized design projects reflecting a realistic approach to contemporary graphic design. Through lectures, demonstrations and discussions, an advanced understanding of computer applications, layout and design will be taught. Same as COMM 204.

**ARTS 215 Ceramic Sculpture I. 3 hours.** Exploration of handbuilding and wheel techniques and basic principles of glazing. (Meets Creativity Explored)

**ARTS 220 Printmaking. 3 hours.** An introduction to printmaking techniques with emphasis on woodcuts, mono-print, relief, silkscreen or digital/intaglio processes. (Meets Creativity Explored)

**ARTS 230 Painting I. 3 hours.** Studio experience and demonstration in various painting media and techniques. Problems are assigned as a means of allowing students to come to terms with the technical aspects of painting through actual involvement with the painting process. (Meets Creativity Explored)

**ARTS 240 Weaving I. 3 hours.** An introduction to principles and techniques of loom and off-loom weaving. (Meets Creativity Explored)

**ARTS 260 Photography I. 3 hours.** *Prerequisite:* ARTS 111 or permission of instructor. The course covers basic principles of black and white photography and darkroom techniques. (Meets Creativity Explored)

**ARTS 293 Art Core. 1 hour.** *Prerequisite:* ARTS 111. For ARTS majors only. A sophomore level seminar course aimed at acquainting students with current readings in the field, basic art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty. This course, along with ARTS 393, is a prerequisite for senior Art Core (493) which is the capstone course in the design and fine arts majors. *Offered spring semester only.*

**ARTS 300 Figure Sculpture. 3 hours.** *Prerequisite:* ARTS 200. An advanced figure study course which focuses on the problems of three dimensional representation. It will introduce the student to the techniques of modeling the human figure.

**ARTS 303 Publication Design. 3 hours.** *Prerequisite:* ARTS 203, 204. A one semester course in which the information learned in Graphic Design I and Graphic Design II is related to the intricacies of publication design.

**ARTS 315 Ceramic Sculpture II. 3 hours.** *Prerequisite:* ARTS 215. Advanced studio problems in ceramics with an emphasis on individual expression.

**ARTS 320 Portfolio. 3 hours.** *It is recommended that this course be completed prior to ARTS 493.* This course concerns development of a body of art work to be used in approaching the job market or graduate school possibilities.

**ARTS 322 Illustration. 3 hours.** *Prerequisite:* ARTS 123 or 200 or permission of instructor. A course designed to give a general understanding and awareness of illustration styles and techniques in a variety of media.

**ARTS 326 Concept and Design. 3 hours.** *Prerequisite:* ARTS 203, 204. This course is designed to expand the graphic design student's understanding of important concepts underlying outstanding works in the discipline. Design projects will be developed as a class beginning with the brainstorming stage and continuing through successive development stages to final production.

**ARTS 330 Painting II. 3 hours.** *Prerequisite:* ARTS 230. Advanced studio problems in painting with emphasis on the mastery of one medium and the development of individual expression.

**ARTS 340 Weaving II. 3 hours.** *Prerequisite:* ARTS 240. Advanced studio problems in weaving with an emphasis on individual projects.

**ARTS 360 Photography II. 3 hours.** *Prerequisite:* ARTS 260. In this course, the student will be encouraged to explore more advanced techniques and to develop a better understanding of black and white photography as an art form.

**ARTS 361 Alternative Photographic Processes. 3 hours.** *Prerequisite:* ARTS 260 or permission of instructor. This course will explore the many possibilities involving photographic images on nontraditional materials and alternative photographic printing techniques.

**ARTS 362 Digital Imagery. 3 hours.** *Prerequisite:* ARTS 260 or ARCH 150 or permission of instructor. A course devoted to the exploration of digital imagery as a fine art and medium of self expression. Same as ARCH 362. (Meets Creativity Explored)

**ARTS 375 Field Studies in Studio Art. 3 hours.** A course designed to promote first hand, in-depth experience with works of art and/or architecture in order to foster the integration of theoretical and applied learning skills in the design and fine arts major. Students will participate in an off-campus field study, the exact nature of which will be determined by the interests of the student and must be approved in consultation with a faculty member. (Meets Creativity Explored)

**ARTS 393 Art Core. 1 hour.** *Prerequisite:* ARTS 293 or permission of instructor. For ARTS majors only: A junior level seminar course aimed at furthering students' awareness of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty during portfolio preparation. This course is a prerequisite for senior Art Core (493)

which is the capstone course in the design and fine arts majors. *Offered spring semester only.*

**ARTS 301, 302, 401, 402 Advanced Studio. 1-3 hours each.** *Prerequisite:* departmental permission. These courses are offered to encourage individual work for advanced students under the supervision of a specific instructor.

**ARTS 493 Art Core. 1 hour.** *Prerequisite:* ARTS 393 or permission of instructor. For ARTS majors only: A senior level seminar course aimed at furthering students' knowledge of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty during their preparation of a senior studio project for exhibition. This course is the capstone in the design and fine arts majors. *Offered spring semester only.*

**ARTS 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**ARTS 291, 292, 391, 392, 491, 492 Research.** See page 34.

**ARTS 397, 398, 497, 498 Internship.** See page 34.

# Arts Administration

Kelley Still, coordinator

The Arts Administration major is based in the Center for Interdisciplinary Studies. It provides students with an interdisciplinary education focused around themes important to the arts and arts administration. Forty semester hours of study are required to complete the major. The required courses are offered by the Art and Art History department, Music department, Theatre department, Communication department and the Breech School of Business Administration. The development of this major has been supported by a Hewlett/ANAC grant supporting Professional-Liberal Arts Integration. The Arts Administration major pursues four major categories of learning objectives: Funding the Arts, Programming and Planning for the Arts, the Human Dynamic and Technology and Operations.

## Arts Administration Major

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

### Freshman year:

Choose two of the following:		6 hrs.
ARCH/ARTS 111	Foundations of Design	
MUSC 115	Introduction to Western Music	
THTR 135	Theatre: The Lively Art	

### Sophomore year:

ACCT 209	Principles of Accounting	3 hrs.
ARTS/COMM 203	Graphic Design I	3 hrs.
COMM 219	Public Relations	3 hrs.
ECON 201	Basic Economic Theory	4 hrs.
Choose one of the following:		3 hrs.

ARTS 123	Drawing
ARTS 200	The Figure
ARTS 215	Ceramic Sculpture I
ARTS 220	Printmaking
ARTS 230	Painting I

# Arts Administration

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ARTS 240	Weaving I	
ARTS 260	Photography I	
MUSC 222	Electronic Music I	
MUSC	Ensemble or Applied Music	
THTR 140	Acting I	
THTR 265	Stagecraft	
<b>Junior year:</b>		
BADM 337	Marketing	3 hrs.
BADM 301	Principles of Management & Leadership	3 hrs.
Choose one of the following:		3 hrs.
ARCH/ARTS 344	History of Modern Art	
ENGL/THTR 343	History of Theatre: Realism to Contemporary	
MUSC 322	History of Music	
<b>Senior year:</b>		
BADM 476	Non-Profit Organizations	3 hrs.
THTR/ARTS/MUSC 450	Arts Criticism (Senior Seminar)	3 hrs.
	Internship (Junior or Senior year)	3 hrs.

## Course Descriptions:

### ACCT 209 Principles of Accounting. 3 hours.

*Prerequisite: MATH 203 or equivalent or permission of instructor.* Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures: receivables, inventories and fixed assets.

### ACCT 210 Management Accounting. 3 hours.

*Prerequisite: ACCT 209.* Students participate in active learning that emphasizes the uses and limitations of accounting information. Study of accounting principles relating to management planning and control. Cost and budgetary procedures, revenues and acquisitions.

### ACCT 312 Cost Management Systems. 3 hours.

*Prerequisite: ACCT 209.* A study of the various accounting treatments and innovations in cost and performance measurement, including the accurate measurement of activity costs and the reduction of costs by continuous improvement.

### ARCH 111 Foundations of Design. 3 hours.

An introduction to the principles of design. Basic creative problem-solving and design principles are explored through studio projects and symposium presentations. This course is the first in a sequence of studio courses for both art and architecture majors, but also serves non-majors. Same as ARTS 111. *Offered fall semester only.* (Meets Creativity Explored)

### ARCH 344 History of Modern Art. 3 hours.

An in-depth examination of art from the Romantic period (circa 1800) to the emergence of the Modern Period (1850), through the early twentieth century to the present. Same as ARTS 344. (Meets Artifacts of Western Culture)

### ARTS 111 Foundations of Design. 3 hours.

An introduction to the principles of design. Basic creative problem-solving and design principles are explored through studio projects and symposium presentations. This course is the first in a sequence of studio courses for both art and architecture majors, but also serves non-majors. Same as ARCH 111. *Offered fall semester only.* (Meets Creativity Explored)

**ARTS 123 Drawing. 3 hours.** Students will work in a variety of drawing media and techniques solving representational problems. This course includes an introduction to figure drawing. (Meets Creativity Explored)

### ARTS 200 The Figure. 3 hours.

*Prerequisite: ARTS 123.* A course in figure drawing involving intensive study and work from the model. (Meets Creativity Explored)

### ARTS 203 Graphic Design I. 3 hours.

This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through lectures, demonstrations and discussions, a basic understanding of layout, design and computer applications will be taught. Same as COMM 203. (Meets Creativity Explored)

### ARTS 215 Ceramic Sculpture I. 3 hours.

Exploration of handbuilding and wheel techniques and basic principles of glazing. (Meets Creativity Explored)

### ARTS 220 Printmaking. 3 hours.

An introduction to printmaking techniques with emphasis on woodcuts, mono-print, relief, silkscreen or digital/intaglio processes. (Meets Creativity Explored)

### ARTS 230 Painting I. 3 hours.

Studio experience and demonstration in various painting media and techniques. Problems are assigned as a means of allowing students to come to terms with the technical aspects of painting through actual involvement with the painting process. (Meets Creativity Explored)

### ARTS 240 Weaving I. 3 hours.

An introduction to principles and techniques of loom and off-loom weaving. (Meets Creativity Explored)

### ARTS 260 Photography I. 3 hours.

*Prerequisite: ARTS 111 or permission of instructor.* The course covers basic principles of black and white photography and darkroom techniques. (Meets Creativity Explored)

**ARTS 344 History of Modern Art. 3 hours.** An in-depth examination of art from the Romantic period (circa 1800) to the emergence of the Modern Period (1850), through the early twentieth century to the present. Same as ARCH 344. (Meets Artifacts of Western Culture)

**ARTS 450 Arts Criticism. 3 hours.** Designed to help students develop criteria for judging the quality of works of art, music and theatre and to match them with potential audiences. Coursework includes readings in arts criticism as well as critiquing current art events. Examples of projects include box office management and public relations and shadowing program planners, stage managers and gallery curators. Same as MUSC 450, THTR 450.

**BADM 301 Principles of Management and Leadership. 3 hours.** *Prerequisite:* ACCT 209, 210 or 312. Introduction to management of organizations, including strategy, leadership and organizational design. Team projects in management research and critical analysis.

**BADM 337 Marketing. 3 hours.** *Prerequisite:* ECON 201, MATH 227 or equivalent, or permission of instructor. Introduction to effective marketing concepts, strategies and practices. An analytical approach to recognition of alternative strategic paradigms and their effect on a firm's marketing. Ethical and social responsibilities of effective domestic and global marketing. Individual and team projects with operating sponsors.

**BADM 476 Nonprofit Organizations. 3 hours.** This course is designed to support the Arts Administration major, but is an appropriate elective for several majors, such as Business Administration and Public Relations. The focus of the course is on the development and ongoing operation of nonprofit organizations, particularly those involved in the arts. Incorporation, taxation, financial reporting, marketing, donor database management, contracting and personnel issues are examples of topics covered.

**COMM 203 Graphic Design I. 3 hours.** This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through lectures, demonstrations and discussions, a basic understanding of layout, design and computer applications will be taught. Same as ARTS 203. (Meets Creativity Explored)

**COMM 219 Principles of Advertising and Public Relations. 3 hours.** Introduction to all aspects of advertising and public relations, including history, philosophies, people, the relationship between the fields, the diversity of opportunity and to the processes, quantitative, strategic and aesthetic, by which information and ideas are effectively communicated to target audiences.

**ECON 201 Basic Economic Theory. 4 hours.** *Prerequisite:* MATH 109 or equivalent or permission of instructor.

Students will be introduced to the way market economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

**ENGL 343 History of Theatre: Realism to Contemporary. 3 hours.** *Prerequisite:* GLST 101 or 102 or permission of instructor. A study of the development of western theatre from 1870 to the present. Emphasis is placed on the literature, architecture and development of production styles in modern theatre. Same as THTR 343. (Meets Artifacts of Western Culture)

**MATH 100 Intermediate Algebra. 3 hours.** The traditional topics of intermediate algebra through quadratic equations and functions. *Currently offered after 5 p.m. only.*

**MATH 109 College Algebra. 3 hours.** *Prerequisite:* one year of high school algebra and one year of high school geometry. A study of functions and graphs, solutions of equations and inequalities and the properties of polynomial, rational, exponential and logarithmic functions.

**MATH 227 Introduction to Statistics. 3 hours.** *Prerequisite:* MATH 100 or equivalent. A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

**MUSC 115 Introduction to Western Music. 3 hours.** An introductory course in the music of our western culture for non-music majors. Learning how to listen to music and acquiring a basic knowledge of the musician's technique and vocabulary. *Offered each semester.* (Meets Artifacts of Western Culture)

**MUSC 117 Music Theory I. 3 hours.** Introduction to the basic music vocabulary. Elements of tonal music approached through hearing, writing and analytical; work in diatonic harmony and basic species counterpoint. All students must enroll in Ear Training and Sight Singing I.

**MUSC 118 Music Theory II. 3 hours.** *Prerequisite:* MUSC 117. Continuation of diatonic harmony with an emphasis on 4-art writing. Analysis of Bach chorales and an introduction to musical forms. All students must enroll in Ear Training and Sight Singing II.

**MUSC 210 Introduction to Music Literature. 3 hours.** *Prerequisite:* MUSC 117. Preliminary study of the monuments of symphonic, choral, chamber and solo literature. Recordings and scores used extensively. *Offered spring semester.*

**MUSC 222 Electronic Music I. 3 hours.** *Prerequisite:* MUSC 118 or permission of instructor. A study of the history and development of electronic music in Europe and America. Important works in the medium, the parameters of musical sound, frequency modulation as a basis of sound generation in the Yamaha DX series



# Biology

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synthesizers and studio recording techniques, including hands-on experience.

**MUSC 322 History of Music. 3 hours.** *Prerequisite:* MUSC 118, 210. A survey of the history and literature of music from Greco-Roman times to the present. Emphasis upon the study of musical forms and styles against the background of historic, artistic and cultural developments.

**MUSC 450 Arts Criticism. 3 hours.** Designed to help students develop criteria for judging the quality of works of art, music and theatre and to match them with potential audiences. Coursework includes readings in arts criticism as well as critiquing current art events. Examples of projects include box office management and public relations and shadowing program planners, stage managers and gallery curators. Same as ARTS 450, THTR 450.

**MUSC Ensemble or Applied Music.** See page 195.

**THTR 135 Theatre: The Lively Art. 3 hours.** A survey of all aspects of the theatre and theatrical production including a study of representative artifacts of theatre history, a variety of dramatic styles and the work of the individual theatre artists involved in the process as well as the role of the audience in theatre. (Meets Artifacts of Western Culture)

**THTR 140 Acting I. 3 hours.** An introductory course to acting designed for majors and all students who wish

to explore acting methodology. The course includes character development and expression. Practical exercises in both scripted and improvisational work will be stressed. (Meets Creativity Explored)

**THTR 265 Stagecraft. 3 hours.** Designed to acquaint the student with the fundamentals of scenic construction and mechanics of stagelighting, the course will include studies in drafting, technical planning, basic shop tools and techniques, construction of scenery and stage electrical equipment and practices. Students who register for this course must also take Theatre Practicum.

**THTR 343 History of Theatre: Realism to Contemporary. 3 hours.** *Prerequisite:* GLST 101 or 102 or permission of instructor. A study of the development of western theatre from 1870 to the present. Emphasis is placed on the literature, architecture and development of production styles in modern theatre. Same as ENGL 343. (Meets Artifacts of Western Culture)

**THTR 450 Arts Criticism. 3 hours.** Designed to help students develop criteria for judging the quality of works of art, music and theatre and to match them with potential audiences. Coursework includes readings in arts criticism as well as critiquing current art events. Examples of projects include box office management and public relations and shadowing program planners, stage managers and gallery curators. Same as ARTS 450, MUSC 450.

**Internship.** See page 34.

# Biology

## Department of Biology

Barbara D. Wing, chair

Courses in the department of biology are designed to provide a broad cultural education and prepare students for: graduate studies, the teaching profession, medical and allied health professions and positions in resource management, environmental science and research.

Students pursuing a major in biology must take a minimum of 35 semester hours in the department.

### Biology Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

BIOL 110	Fundamentals of Cell Biology	4 hrs.
BIOL 209	Plant Form and Function	4 hrs.
BIOL 211	General Zoology	4 hrs.
BIOL 322	Genetics	4 hrs.
BIOL 391, 392, 491, 492	Research	3 hrs.
MATH 227	Introduction to Statistics	3 hrs.
MATH 231	Calculus I	4 hrs.
Choose one course from the following upper-division field biology courses:		4 hrs.
BIOL 310	Field and Systematic Botany	
BIOL 312	Principles of Environmental Biology	
BIOL 314	Field Zoology	
BIOL 318	Ecology of Caves	
BIOL 342	Advanced Ecological Studies	

An addition 12 hours are selected with the student's educational goals in mind

12 hrs.

## Biology Minor:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

BIOL 110	Fundamentals of Cell Biology	4 hrs.
BIOL 209	Plant Form and Function	4 hrs.
BIOL 211	General Zoology	4 hrs.
	Electives	8 hrs.

Students planning to pursue graduate studies in biology are strongly encouraged to take chemistry through organic, two semesters of physics and a foreign language.

## Course descriptions:

**BIOL 110 Fundamentals of Cell Biology. 4 hours.** An introductory course for science majors focusing on biological concepts relating to cellular and molecular biology and genetics. Lecture and laboratory. Offered every semester.

**BIOL 204-304 Computer Assisted Data Analysis. 2 hours.** An introduction to scientific programming using a microcomputer. A significant component of this course is the mathematical computations and statistical treatment of the experimental data generated from laboratory courses, research projects and scientific literature. One lecture; one lab. Same as CHEM 204-304.

**BIOL 205 Human Anatomy. 3 hours.** An introduction to the gross and microscopic anatomy of the human body. Mammalian examples of major systems are studied in the laboratory. Lecture and laboratory. Offered fall semester. Normally does not meet departmental requirements for a major.

**BIOL 206 Human Physiology. 3 hours.** Through lecture-discussion and complementary laboratory experiences this course examines the organization and function of the human body as a whole and the interrelations of its various systems, organs, tissues and cells. Lecture and laboratory. Offered spring semester. Normally does not meet departmental requirements for a major.

**BIOL 208 Microbiology. 4 hours.** Prerequisite: BIOL 110 and general chemistry. A study of bacterial diversity, physiology, biochemistry and genetics as they relate to the environment and to human welfare. The fungi and viruses are also discussed. Laboratory methods for the identification of bacteria are introduced. Lecture and Lab. Offered spring semester.

**BIOL 209 Plant Form and Function. 4 hours.** Prerequisite: BIOL 110. A comparative study of structure and function in the principle plant groups with emphasis on evolutionary trends and relation of structure to function. Lecture and laboratory. Offered each semester.

**BIOL 211 General Zoology. 4 hours.** Prerequisite: BIOL 110. A survey of protozoans and the major animal phyla with emphasis on comparative structure and function and fundamental life processes common to all. Lecture and laboratory. Offered each semester.

**BIOL 301 Evolutionary Biology. 3 hours.** This course is a study of the topic of organic evolution. Topics include the history of ideas of evolution, population genetics, population ecology, speciation, adaption, coevolution, evolutionary rates, evolutionary

convergences and biogeography. Discussions of the evolution of drug resistance in pathogens, evolution and human health senescence, sexual selection, social behavior, eugenics, biodiversity and conservation are included. Offered spring of even numbered years.

**BIOL 302 Principles of Human Nutrition. 3 hours.** Prerequisite: BIOL 110 and CHEM 103. A study of food as its functions to meet body needs with emphasis on utilization, food sources, selection of adequate diets, individual, community and world health problems and diet therapy. Same as EXSP 302.

**BIOL 303 Kinesiology. 3 hours.** Prerequisite: BIOL 110 and BIOL 205, or permission of instructor. A study of the human machine and its processes of motor functioning. Normally does not meet departmental requirements for a major. Same as EXSP 303.

**BIOL 308 Immunology. 3 hours.** Prerequisite: BIOL 110 and CHEM 108. A study of the immune response and its relationship to the diagnosis, prevention and treatment of disease. Topics include immune systems, immunopathology and antibodies. Offered fall semester.

**BIOL 310 Field and Systematic Botany. 4 hours.** Prerequisite: BIOL 209. An ecological and taxonomic survey of the local flora. Laboratory time will be spent in the field whenever possible. Lecture and laboratory. Offered spring semester, odd-numbered years.

**BIOL 311 Invertebrate Zoology. 4 hours.** Prerequisite: BIOL 110 and 211. A comparative study of the morphology, physiology, life history and evolution of representatives from major invertebrate groups. Lecture and laboratory.

**BIOL 312 Principles of Environmental Biology. 4 hours.** Prerequisite: one semester of biology or the general education science course. A study of fundamental ecological principles and their relationship to current environmental problems. Lecture and laboratory with field work. Recommended for students from all disciplines. Offered each semester. Same as ENVR 312.

**BIOL 313 Pathogenic Microbiology. 4 hours.** Prerequisite: BIOL 110 and 208 and general chemistry. A survey of the pathogenic microorganisms, their mechanisms of pathogenicity and the characteristics of the disease states caused by these organisms. Techniques for the identification of these organisms will also be studied. Lecture and laboratory. Offered fall semester of odd numbered years.

**BIOL 314 Field Zoology. 4 hours.** Prerequisite: one semester of biology or the general education science course. A

study of zoological natural history, population dynamics and systematics with field and laboratory exercises on identification, sampling methods and population structure. Strongly recommended for environmental and education majors. Lecture, laboratory and field work. *Generally offered fall and spring of even years.*

**BIOL 316 Comparative Anatomy. 5 hours.** *Prerequisite: BIOL 211 or permission of instructor.* A critical study of the structural/functional relationships of organs and systems of the vertebrates. Taxonomy, evolutionary relationships and morphological adaptations of fish, amphibians, reptiles, birds and mammals will be emphasized. Lecture and laboratory. *Offered fall semester.*

**BIOL 317 Vertebrate Embryology. 4 hours.** *Prerequisite: BIOL 110 or permission of instructor.* A comparative study of the biochemical and cellular mechanisms associated with the morphological development of vertebrates. Embryological development of the frog, chick and human will be emphasized. Lecture and laboratory. *Offered spring semester, even-numbered years.*

**BIOL 318 Ecology of Caves. 4 hours.** *Prerequisite: one semester of biology.* Energy flow, nutrient cycling, surface-subsurface relationships and cave fauna are examined. Field work emphasizes subterranean ecology and groundwater contamination studies. Upper-division credit may be earned. Lecture and laboratory.

**BIOL 320 Vertebrate Physiology. 4 hours.** *Prerequisite: BIOL 211 and one semester of organic chemistry.* General cellular physiology and the functioning of tissues and organ systems in the vertebrate classes, including human beings. Lecture and laboratory. *Offered spring semester.*

**BIOL 322 Genetics. 4 hours.** *Prerequisite: BIOL 110 and CHEM 108.* A study of the molecular basis of gene expression and the mechanisms by which genetic material is inherited. Lecture and Lab. *Offered each semester.*

**BIOL 325 Epidemiology. 3 hours.** *Prerequisite: one semester of biology.* A study of epidemiological theory and practice. The distribution of health related problems in a population and the application of this to control of health problems will be examined. Areas included in this study will be measures of disease occurrences, causal effects and statistical analysis of these events.

**BIOL 324 Molecular Biology. 3 hours.** *Recommended preparation: BIOL 322 and 336 are highly recommended.* Advanced molecular mechanisms of gene expression and control. Methods of genetic engineering and production of transgenic organisms. Lecture. *Offered spring semester.*

**BIOL 333 Histology. 4 hours.** *Prerequisite: BIOL 110 or permission of instructor.* An in-depth look at the microscopic structure of the vertebrate body. Study of cells, tissues and organs will provide an understanding of the complex nature of the relationship between form and function in vertebrates. Lecture and laboratory. *Offered spring semester, even-numbered years.*

**BIOL 335 Neurobiology. 4 hours.** *Prerequisite: BIOL 110 or permission of the instructor.* An in-depth study of the biology of the nervous system emphasizing the relationship between neuroanatomy and neurophysiology. Lecture and laboratory.

**BIOL 336 Biochemistry. 3 hours.** *Prerequisite: BIOL 110, 211; CHEM 316, 316-L.* The chemistry of carbohydrates, lipids and proteins. Specific role of vitamins and hormones in intermediary metabolism, with special emphasis in bioenergetics and reaction mechanisms. Same as CHEM 336.

**BIOL 336-L Biochemistry Laboratory. 1 hour.** *Co-requisite: BIOL 336.* A laboratory to complement Biochemistry. Same as CHEM 336-L.

**BIOL 342 Advanced Ecological Studies. 4 hours.** *Prerequisite: BIOL 312.* An advanced ecology course emphasizing the procedures of quantitative ecosystem analysis. Project work includes terrestrial and aquatic studies. Lecture, laboratory and field work. *Offered fall semester, even-numbered years.*

**BIOL 340 Basic Clinical Medicine: An Introduction to Patient Care. 3 hours.** *Prerequisite: two courses in chemistry and two courses in biology.* This course is designed to provide premedical students an early opportunity to explore the fields of medicine. Including: patient evaluation, common diseases, and patient care.

**BIOL 350 Exercise Physiology. 3 hours.** *Prerequisite: BIOL 110 or equivalent and BIOL 206, or permission of instructor.* Physiologic effects on the human organisms under different intensities, durations and environments. Normally does not meet departmental requirements for a major. Same as EXSP 350.

**BIOL 356 Biopsychology. 3 hours.** *Prerequisite: PSYC 101 or permission of instructor.* Examines the biological and neurophysiological foundations of human and animal behavior. Emphasizes central nervous system mechanisms which mediate processes such as learning and memory, language, intelligence, sleep and arousal, reward and punishment and human psychopathology. Same as PSYC 356.

**BIOL 370 Human Sexuality. 3 hours.** A study of the anatomy and physiology of the female and male reproductive systems, sexually transmitted diseases, methods of contraception, the sexual response cycle, sexual dysfunctions, gender identity, development of sexual orientation, adult sexuality, the development of relationships, cross-cultural comparisons of sexuality and socialization of sex roles. Same as PSYC 370, SOCI 370, WMST 370.

**BIOL 290, 390, 490 Selected Topics. 1-3 hours each.** **See page 34.**

**BIOL 291, 292, 391, 392, 491, 492 Research. See page 34.**

**BIOL 397, 398, 497, 498 Internship. See page 34.**

# Biosphere II

Don Deeds, coordinator

In partnership with Columbia University, Drury offers students the opportunity to spend a semester at Biosphere II in the Sonoran near Tucson, Arizona. Students enrolled in the Earth Semester receive 16 hours of academic credit. Non-science majors can use these hours to substitute for both NSCI 251 and 361 which are the standard requirements for the bachelors degree. Science majors have the opportunity to fulfill requirements in their respective majors. Students attend in either fall or spring semester.

Participation requires a grade point average of at least 3.0. Application is made to the program coordinator early in the semester prior to attendance.

# Broadcast

## Department of Communication

Ron Schie, chair

The Broadcast major prepares undergraduates for professional careers in electronic media. This sequence includes courses in electronic media and production leading to careers as producers, editors, news reporters, or as videographers. The studios of KDRU (the student radio station) and DUTV (the student TV station) provide opportunities for students in the Communication department as well as students from around the university to no only take courses, but to participate in extracurricular activities.

All Broadcast majors enter the major through the required courses of COMM 206 Foundations of Communication, COMM 221 Media Writing and COMM 282 Media Applications. The Broadcast major is required to complete 36 hours of coursework: 27 hours of required courses and 9 hours of elective courses.

### Broadcast Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

COMM 206	Foundations of Communication	3 hrs.
COMM 221	Media Writing	3 hrs.
COMM 264	Persuasive Communication	3 hrs.
COMM 282	Media Applications	3 hrs.
COMM 322	Media Law and Ethics	3 hrs.
COMM 353	Mass Media and Society	3 hrs.
COMM 379	Television Studio Production	3 hrs.
COMM 402	Broadcast Journalism	3 hrs.
COMM 494	Documentary	3 hrs.
Choose three of the following	recommended electives:	9 hrs.
COMM 171-174	Broadcast Activities	
COMM 201	Interpersonal Communication	
COMM 203, 204	Graphic Design	
COMM 219	Principles of Advertising and Public Relations	
COMM 283	Oral Interpretation	
COMM 320	Reporting	
COMM 324	Feature Writing	
COMM 357	Video Field Production	
COMM 373, 374	Advanced Broadcasting Activities I and II	
COMM 387	Organizational Communication	
COMM 390, 490	Selected Topics	
COMM 397, 398	Internship	
COMM 465	Advanced Television Production	

## Broadcast

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There are numerous extracurricular activities that are available within the Communication department community. KDRU (the student radio station) encourages Broadcast majors to get involved with the operation of the station from working actual air shifts to management and sales roles. DUTV (the newly organized student TV operation) offers students the opportunity to become involved in television production activities, from producing and directing to operating cameras and building sets. Students are also encouraged to get involved with the other Communication department activities like *The Mirror*, the Advertising Club and DC Networks.

**Course Descriptions:** (For a complete list of Communication courses, see page 221.)

**COMM 171, 172, 173, 174 Broadcasting Activities. 1 hour each.** Practical activities associated with KDRU, the student radio station, or DUTV, the student television operation. (Meets Creativity Explored)

**COMM 201 Interpersonal Communication. 3 hours.** An analysis of theoretical approaches to the study of interpersonal communication and the role of interpersonal communication in the development and maintenance of human relationships.

**COMM 203 Graphic Design I. 3 hours.** This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through lectures, demonstrations and discussions, a basic understanding of layout, design and computer applications will be taught. Same as ARTS 203. (Meets Creativity Explored)

**COMM 204 Graphic Design II. 3 hours. Prerequisite: COMM 203.** This course is the second half of the two-semester sequence in which knowledge and skills of typography and communication of the written word in blended into the creation of personalized design projects reflecting a realistic approach to contemporary graphic design. Through lectures, demonstrations and discussions, an advanced understanding of computer applications, layout and design will be taught. Same as ARTS 204.

**COMM 206 Foundations of Communication. 3 hours.** Introduction to the study of communication, including the major theories and research methods used in communication studies. Required of all communication department majors.

**COMM 219 Principles of Advertising and Public Relations. 3 hours.** Introduction to all aspects of advertising and public relations, including history, philosophies, people, the relationship between the fields, the diversity of opportunity and to the processes, quantitative, strategic and aesthetic, by which information and ideas are effectively communicated to target audiences.

**COMM 221 Media Writing. 3 hours.** Principles and practices of writing for print and broadcast journalism, public relations and advertising, with techniques for gathering material upon which to base such writing.

**COMM 264 Persuasive Communication. 3 hours.** A study of the persuasive process. Students study basic

theories of persuasion and public speaking. Practical applications are made by presenting persuasive speeches and critical projects. Required of all communication department majors.

**COMM 282 Media Applications. 3 hours.** Principles of effective communication utilizing electronic media. Students gain practical knowledge and skills in producing messages for radio and television.

**COMM 283 Oral Interpretation I. 3 hours.** Introduction to basic oral interpretation of the printed page. Same as THTR 283. (Meets Creativity Explored)

**COMM 320 Reporting. 3 hours. Prerequisite: COMM 206 and 221.** Puts into practice the news writing fundamentals and journalistic principles presented in COMM 221. Students gain experience in reporting by covering campus news events.

**COMM 322 Media Law and Ethics. 3 hours.** A survey of federal, state and municipal laws governing freedom of speech and commerce in journalism, public relations and advertising, with an exploration of ethical guidelines for professional behavior. Required of all communication department majors.

**COMM 324 Feature Writing. 3 hours. Prerequisite: COMM 320.** Builds upon news writing fundamentals and journalistic principles presented in COMM 221, venturing beyond the reporting of routine events and into the realm of feature stories that illuminate, explain and entertain.

**COMM 353 Mass Media and Society. 3 hours.** The history and current status of mass media in America, including newspapers, magazines, books, motion pictures, the recording industry, radio and television and media effects upon society. Required of all communication department majors.

**COMM 357 Video Field Production. 3 hours.** Principles of single camera video production as the basis for television news, commercials, documentary and film making.

**COMM 373, 374 Advanced Broadcasting Activities I and II. 2 hours each.** Practical activities associated with KDRU, the student radio station, or DUTV, the student television operation. Reserved for students who hold advanced management positions. (Meets Creativity Explored)

**COMM 379 Television Studio Production. 3 hours.** The principles of multi-camera video production as the basis for in studio or remote, live programs.

**COMM 387 Organizational Communication. 3 hours.** This course focuses on communication as a process

variable which affects the internal functions of an organization. It is concerned with organizational structures and practices which can either enhance or impede the free flow of information. Students will study the dynamics of organizational communication in a project based on the communication audit of a local organization.

**COMM 402 Broadcast Journalism. 3 hours.** *Prerequisite: COMM 206 and 221.* Contemporary practice in broadcast journalism. Student will learn to identify, write, videotape, edit and narrate news stories for television.

**COMM 465 Advanced Television Production. 3 hours.** *Prerequisite: COMM 379.* Producing and directing

television programs, utilizing both single camera and multi-camera techniques.

**COMM 494 Documentary. 3 hours.** Students will identify the subject for a documentary, then research, write and produce a half-hour video documentary suitable for broadcast. This is the capstone course for majors in speech communication, journalism and broadcast and should be taken the senior year.

**COMM 290, 390, 490 Selected Topics. 1-3 hours.** See page 34.

**COMM 391, 392, 491, 492 Research. See page 34.**

**COMM 397, 398, 497, 498 Internship. See page 34.**

## Business Administration

### Brech School of Business Administration

Robert L. Wyatt, director

The Brech School of Business Administration functions on the undergraduate level as the department of business administration. It also offers a master in business administration degree (M.B.A.) at the graduate level.

The undergraduate programs (accounting, business administration, computer information systems/e-commerce, economics and international business) of the Brech School of Business Administration are dedicated to providing academic preparation consistent with the highest professional standards and liberal arts tradition of Drury University. Programs in the five subject areas provide students the opportunity to learn and grow while gaining a deepening understanding of the role of business and economics of our society. The programs emphasize the development of effective leaders capable of analyzing values, thinking critically, communicating effectively, making sound decisions, integrating theoretical and practical knowledge, exercising personal and social responsibility, appreciating the value of lifelong learning and understanding business and its many positive contributions to a global society.

The curriculum is organized to give students a knowledge of business practices and economic processes; the part played by business and economics in historical development; and an awareness of the major business and economic concerns confronting society.

The Brech School of Business Administration offers lower division courses which contribute to the liberal education of the student, whatever the area of concentration may be. Programs of major study are offered in business administration, accounting, economics, international business and computer information systems/e-commerce. Minors also are available in these subject areas.

### Learning Objectives

**Values.** Students learn to understand the difference between positive and normative analysis. They are also capable of recognizing an ethical quandary. Students should be able to take a position and defend it. They should be capable of creating integrative solutions, where possible. In addition, students should be aware of the wide diversity of perspectives and values. When confronted with an argument or policy position, they should be able to evaluate the soundness of that argument.

**Teamwork.** Students should demonstrate the ability to effectively participate, wherever appropriate, in a variety of teamwork and collaborative learning experiences such as case analysis and presentation, simulations, role plays and group research. As team members students should demonstrate basic management and facilitation skills including effective goal setting and problem solving.

**Autonomy.** Each student will be able to complete and present an effective analysis of a business problem. The student should demonstrate the ability to recognize and accept the tension inherent at times between teamwork and autonomy and to defend the rationale for acting autonomously.

# Business Administration

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Each student should also accept the responsibility for personal and professional development, including an appreciation of learning as a lifelong process.

**Global Perspective.** Students will be able to recognize, understand, evaluate, appreciate and tolerate a diversity of global perspectives including differences in culture, business practices, economic systems, trade agreements, criteria for success, feeling for well-being of ourselves and others, accounting practices, management theory and competition.

**Communication.** Students will be able to listen, read, speak and write effectively.

**Critical Thinking.** Students will develop critical and analytical thinking skills. These skills should include the ability to solve problems that involve both quantitative and qualitative factors. Students should be aware of current social, economic and political issues, especially those relating to the social responsibility of business.

## Admission Policy

Official admission to the Breech School of Business Administration is required\* to enroll in any upper-division course (numbered 300/400/500) with prefixes of ACCT, BADM, ECON.

To be admitted to Breech School of Business Administration, a student must:

- Be officially admitted to Drury University
- Complete a formal application to the Breech School of Business Administration declaring the major, minor, or special program that the student intends to pursue
- Have completed at least 42 hours of college level credit, including a minimum of 12 credit hours at Drury University
- Have completed all of the following preparatory courses (or their transfer equivalents) with a minimum grade of C in each of the following courses:
  - ACCT 209 Principles of Accounting
  - MATH 227 Statistics
  - MATH 203 Math and Inquiry or MATH 231 Calculus
  - BADM 228 Analytical Methods
  - GLST 201 Global Awareness or 3 hours from GP21 Values Inquiry menu
  - ECON 201 Basic Economic Theory
- Have an overall cumulative GPA of 2.75

**\* Probationary Admission.** A student not achieving the 2.75 overall GPA OR not achieving the required grades of C in the preparatory courses listed above may be granted one semester of probationary admission to the Breech School. During this semester, the student may enroll in a maximum of 6 hours of upper-division Breech School coursework. During this probationary semester, the student will be expected to meet all requirements for full admission by raising the cumulative GPA or by retaking any preparatory courses in which a grade of C or higher was not attained. Probationary admission cannot be granted to a student not achieving the required GPA AND a minimum grade of C in the specified preparatory courses.

**Notification of Admission.** Students will be notified in writing of their admission to the Breech School of Business Administration

**Students in other than Breech School Majors/Minors.** Students who must enroll in a Breech School 300/400 level offering to fulfill requirements of a program NOT offered through the Breech School of Business Administration will be exempt from this admission policy, but may be asked to identify their need for the upper-division course offering which, in most cases, would be a Selected Topic.

## Business Administration Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ACCT 209	Principles of Accounting	3 hrs.
ACCT 210	Management Accounting	3 hrs.
BADM 170	Computer Applications and Tools	3 hrs.
BADM 228	Analytical Methods	3 hrs.
BADM 301	Principles of Management and Leadership	3 hrs.

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BADM 337	Marketing	3hrs.
BADM 350	Management Information Systems	3 hrs.
BADM 422	Corporate Policy and Responsibility	3 hrs.
BADM 431	Finance	3 hrs.
BADM 446	Strategic Management	3 hrs.
BADM 397, 398, 497, 498	Internship	3 hrs.
ECON 201	Basic Economic Theory	4 hrs.
ECON 311	Price Theory	4 hrs.
ECON 312	Aggregate Economic Analysis	4 hrs.
Choose one of the following courses:		
BADM 304	Organizational Behavior	3 hrs.
BADM 340	Project Management	
BADM 343	Entrepreneurship and Venture Management	
BADM 373	Human Resource Management	
BADM 376	Production Management	
BADM 476	Nonprofit Organizations	
Choose one of the following courses:		
BADM 319	Business Law I	3 hrs.
BADM 320	Business Law II	
BADM 321	Legal Environment of Business	
Choose one of the following statistics courses:		
ECON 214	Applied Statistics	3 hrs.
MATH 227	Introduction to Statistics	
Choose one of the following mathematics courses:		
MATH 203	Mathematics and Inquiry	3-4 hrs.
MATH 231	Calculus I	

## **Business Administration Minor:**

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ACCT 209	Principles of Accounting	3 hrs.
ACCT 210	Management Accounting	3 hrs.
BADM 103	Introduction to Business Enterprise	3 hrs.
BADM 170	Computer Applications and Tools	3 hrs.
BADM 301	Principles of Management and Leadership	3 hrs.
ECON 201	Basic Economic Theory	4 hrs.
Choose one of the following:		
BADM 321	Legal Environment of Business	3 hrs.
BADM 337	Marketing	
BADM 350	Management Information Systems	
BADM 376	Production Management	
BADM 431	Finance	
BADM 476	Nonprofit Organizations	

The faculty of the Breech School reserve the right to modify the above program and degree requirements at any time.

## **Course Descriptions:**

### **ACCT 209 Principles of Accounting. 3 hours.**

*Prerequisite: MATH 203 or equivalent or permission of instructor.* Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures: receivables, inventories and fixed assets.

### **ACCT 210 Management Accounting. 3 hours.**

*Prerequisite: ACCT 209.* Students participate in active learning that emphasizes the uses and limitations of accounting information. Study of accounting principles relating to management planning and control. Cost and budgetary procedures, revenues and acquisitions.

### **ACCT 312 Cost Management Systems. 3 hours.**

*Prerequisite: ACCT 209.* A study of the various accounting treatments and innovations in cost and performance measurement, including the accurate measurement of activity costs and the reduction of costs by continuous improvement.

### **BADM 103 Introduction to Business Enterprise. 3 hours.**

An introduction to the fundamental concepts and principles of business enterprise and economics. Introduction to the functions of a business organization. Simulation experience and analysis of business cases. Basic research methods, written and oral reports, discussion of current business and economic developments. Global business awareness.



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**BADM 170 Computer Applications and Tools. 3 hours.** This course is intended to provide students with a thorough understanding of critical business productivity tools. Utilizing lectures, hands-on exercises, cases and projects, students will be taught advanced word-processing, spreadsheet and presentation skills. Students will also be introduced to database query tools, group collaboration, network connection, web page building and statistical applications. The integration of these tools will be emphasized throughout the course.

**BADM 228 Analytical Methods. 3 hours.** *Prerequisite: Knowledge of algebra, MATH 227 or ECON 214 or equivalent, BADM 170.* Study of common techniques for quantitative analysis and decision making including probability distributions, forecasting models, multivariate correlation and regression, linear programming, queuing analysis and simulation. Team and individual research and problem solving, report writing and oral presentations. Critical evaluation of assumptions in decision making including qualitative considerations.

**BADM 301 Principles of Management and Leadership. 3 hours.** *Prerequisite: ACCT 209, 210 or 312.* Introduction to management of organizations, including strategy, leadership and organizational design. Team projects in management research and critical analysis.

**BADM 304 Organizational Behavior. 3 hours.** *Prerequisite: BADM 301.* Intermediate study of management of organizations, with emphasis upon dynamic organizational processes such as group decision making and organizational change. Relationships among strategy, structure and behavior examined through workshops, team and individual projects and simulations.

**BADM 319, 320 Business Law I and II. 3 hours each.** These courses are designed to provide an understanding of the rules of law governing business and individuals in their transactions and conduct with each other. Contracts, agencies, negotiable instruments, sales, partnerships, corporations. Readings and discussion of cases.

**BADM 321 Legal Environment of Business. 3 hours.** Foundations of legal reasoning, case analysis, legal dispute resolution and reporting, court systems and sources of law. Topics to be covered include torts, contracts, sales, product liability, consumer rights, employment, and antitrust law.

**BADM 337 Marketing. 3 hours.** *Prerequisite: ECON 201, MATH 227 or equivalent, or permission of instructor.* Introduction to effective marketing concepts, strategies and practices. An analytical approach to recognition of alternative strategic paradigms and their effect on a firm's marketing. Ethical and social responsibilities of effective domestic and global marketing. Individual and team projects with operating sponsors.

**BADM 339 Principles of Advertising. 3 hours.** *Prerequisite: BADM 337 or permission of instructor.* Introduction to advertising as an effective marketing communications tool. Strategic approach to alternative target need recognition, matching customer needs to firm strengths and using ethical and socially responsible

techniques to effectively communicate benefits to targeted markets. Individual and team projects with operating sponsors.

**BADM 340 Project Management. 3 hours.** *Prerequisite: BADM 301.* A study of management theory particular to the effective organization and leadership of programs and projects. Essential elements of this study include project planning, investments and evaluation, and the management of complex processes. The characteristic challenges of projects and programs, including sensitive time constraints, ad hoc structures, and work sequencing will be given particular attention.

**BADM 343 Entrepreneurship and Venture Management. 3 hours.** *Prerequisite: BADM 301.* The fundamentals of organizing a small business. Role and characteristics of the entrepreneur and problems of venture initiation. New venture creation and its management through the first several years of operation.

**BADM 350 Management Information Systems. 3 hours.** *Prerequisite: Permission of instructor.* An introduction to the study of the design and application of management information systems in business.

**BADM 373 Human Resource Management. 3 hours.** The recruitment and selection of employees, training programs, service records, efficiency ratings, wage policies, labor turnover, employee morale and the provision of services to employees will be discussed. Examination will be made of the personnel practices of several companies that developed outstanding personnel programs.

**BADM 376 Production Management. 3 hours.** *Prerequisite: BADM 228, MATH 203, 231, ACCT 209, ACCT 210 or 312.* Study of production and operations function. Development of product, process and location strategies; operations layout; work measurement, productivity, learning curves; procurement methods; aggregate planning; inventory models, just-in-time methods; material requirements planning; total quality management, teamwork and quality control techniques; maintenance strategy. Issues related to international production. Team projects including on-site tours, case analysis, design of original POM strategy and operations simulation; written and oral reports.

**BADM 422 Corporate Policy and Responsibility. 3 hours.** *Prerequisite: Senior standing, BADM 301, 337, 431, ECON 311, 312, or permission of instructor.* Study of the roles, responsibilities and challenges of business in modern global society. Case analyses and research discussed in seminar format. Emphasis upon critical thinking, effective communication and development of socially responsible business leadership.

**BADM 431 Finance. 3 hours.** *Prerequisite: BADM 170, 228; ACCT 209; ACCT 210 or 312; MATH 203 or 231; or permission of instructor.* This course is an investigation of the study of finance and its implications. Topics covered include: financial statement analysis, the financial environment, risk, time value of money, stock, bond and firm evaluation, financing, financial institutions and multinational finance. The course emphasizes that financial managers must deal with various models, assumptions and cultures and are often called upon to make

decisions based on qualitative as well as quantitative factors.

**BADM 446 Strategic Management. 3 hours.** *Prerequisite:* Senior standing, BADM 301, 337, 376, 431, or permission of instructor. Capstone course. Integrative, strategic application of diverse analytical approaches to decision making. Individual and team projects including oral and written presentations. Emphasis on using socially responsible and ethical means of dealing with complex situations. Global policy formulation and application with extensive use of cases.

**BADM 476 Nonprofit Organizations. 3 hours.** This course is designed to support the Arts Administration major, but is an appropriate elective for several majors, such as Business Administration and Public Relations. The focus of the course is on the development and ongoing operation of nonprofit organizations, particularly those involved in the arts. Incorporation, taxation, financial reporting, marketing, donor database management, contracting and personnel issues are examples of topics covered.

**BADM 290, 390, 490 Selected Topics. 1-3 hours.** See page 34.

**BADM 291, 292, 391, 392, 491, 492 Research. See page 34.**

**BADM 397, 398, 497, 498 Internship. See page 34.**

**ECON 201 Basic Economic Theory. 4 hours.** *Prerequisite:* MATH 109 or equivalent or permission of instructor. Students will be introduced to the way market economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

**ECON 214 Applied Statistics. 3 hours.** *Prerequisite:* MATH 109 or equivalent, BADM 170 or equivalent, or permission of instructor. Study of fundamental statistical techniques and applications in business and economics including the collection, organization and presentation of data; measures of central tendency and dispersion; probability rules and distributions; sampling distribution and sampling methods; hypothesis testing and chi square applications; simple correlation and regression; index numbers. Individual and team research projects, written and oral reports. Consideration of ethical issues in the field of statistics. Computer lab

assignments.

**ECON 311 Price Theory. 4 hours.** *Prerequisite:* ECON 201, knowledge of algebra. Students will use economic models to explore how free markets can lead to the most efficient use of society's scarce resources. The problems posed by monopoly and other forms of market failure will be analyzed along with other real-world issues.

**ECON 312 Aggregate Economic Analysis. 4 hours.** *Prerequisite:* ECON 201, knowledge of algebra. Students will trace the historical development of contemporary macroeconomic analysis and use economic models to evaluate the impact of monetary and fiscal policies on the level of employment, output and prices in capitalist economies. The debate surrounding the appropriate role of government in promoting full employment and price stability is given emphasis.

**MATH 203 Mathematics and Inquiry. 3 hours.** In this course, students will develop quantitative and abstract reasoning abilities necessary to solve complex problems. Literacy in mathematics is developed, with concepts and skills from such areas as algebra, trigonometry, calculus, probability, statistics and computer science. This course will address critical thinking and problem-solving skills, not simply numerical manipulations related to a single subdiscipline of mathematics. Emphasis will be placed on defining and setting up problems; understanding the steps required to solve various types of problems; understanding the factual information and quantitative abilities required for problem solving; and understanding how necessary information can be obtained from text material, resource individuals and computer resources.

**MATH 227 Introduction to Statistics. 3 hours.** *Prerequisite:* MATH 100 or equivalent. A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

**MATH 231 Calculus I. 4 hours.** *Prerequisite:* MATH 109 and 110 or equivalent. A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

# Chemistry

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## Chemistry

### Department of Chemistry

Mark D. Wood, chair

Chemistry majors pursuing a program to enter graduate training in chemistry or to become professional chemists are required to take the following courses as a minimum:

#### ACS Chemistry Major

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

CHEM 108	General Chemistry II	4 hrs.
CHEM 316	Organic Chemistry II	3 hrs.
CHEM 316-L	Organic Chemistry II Laboratory	1 hr.
CHEM 328	Physical Chemistry II	3 hrs.
CHEM 336	Biochemistry	3 hrs.
CHEM 336-L	Biochemistry Laboratory	1 hr.
CHEM 338	Advanced Inorganic Chemistry	3 hrs.
CHEM 344	Instrumental Methods of Analysis	4 hrs.
CHEM 378	Modern Methods of Chemical Analysis & Synthesis II	2 hrs.
CHEM 391, 392	Research	2 hrs.
CHEM 499	ACS Research	2 hrs.
MATH 232	Calculus II	4 hrs.
PHYS 212	General Physics II	5 hrs.
Choose two of the following	advanced chemistry courses:	5-6 hrs.
CHEM 340	Organic Reaction Mechanisms	
CHEM 346	Advanced Organic Synthesis	
CHEM 390, 490	Selected Topics	
CHEM 491, 492	Research	

Students who are pursuing more than one major, one of which is chemistry, will be awarded the chemistry major based on completion of the following:

CHEM 108	General Chemistry II	4 hrs.
CHEM 207	Analytical Methods	4 hrs.
CHEM 316	Organic Chemistry II	3 hrs.
CHEM 316-L	Organic Chemistry II Laboratory	1 hr.
CHEM 327	Physical Chemistry I	3 hrs.
CHEM 391, 392	Research	3 hrs.
MATH 231	Calculus I	4 hrs.
PHYS 212	General Physics II	5 hrs.
Choose two of the following	advanced chemistry courses:	5-6 hrs.
CHEM 328	Physical Chemistry II	
CHEM 336	Biochemistry	
CHEM 338	Advanced Inorganic Chemistry	
CHEM 340	Organic Reaction Mechanisms	
CHEM 344	Instrumental Methods of Analysis	
CHEM 346	Advanced Organic Synthesis	
CHEM 377	Modern Methods of Chemical Analysis & Synthesis I	
CHEM 390, 490	Selected Topics	
CHEM 491, 492	Research	

#### Chemistry Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

CHEM 108	General Chemistry II	4 hrs.
CHEM 207	Analytical Methods	4 hrs.
CHEM 316	Organic Chemistry II	3 hrs.
CHEM 316-L	Organic Chemistry II Laboratory	1 hr.

Choose one of the following advanced chemistry courses:

CHEM 338	Advanced Inorganic Chemistry
CHEM 340	Organic Reaction Mechanisms
CHEM 346	Advanced Organic Synthesis
CHEM 390, 490	Selected Topics

1-3 hrs.

### Course Descriptions:

**CHEM 101 Chemistry—A Human Concern. 3 hours.** This basic course is designed for students with major interests in areas which include topics such as energy and the environment; food, people and chemistry; metals and life; etc. Three lectures.

**CHEM 103 Fundamentals of Chemistry. 3 hours.** A terminal course dealing with fundamentals and basic concepts of chemistry primarily designed for general college students, as well as those in specialized programs such as nursing. Three lectures.

**CHEM 103-L Fundamentals of Chemistry Laboratory. 1 hour.** *Co-requisite: CHEM 103.* A lab to complement Fundamentals of Chemistry.

**CHEM 107 General Chemistry I. 4 hours.** Development of the modern concepts dealing with the behavior of matter, kinetic theory, atomic theory, chemical bonding, periodic classification. Three lectures and one lab period.

**CHEM 108 General Chemistry II. 4 hours.** *Prerequisite: CHEM 107.* A continuation of CHEM 107, solutions, electrochemistry and chemical equilibrium. Lab devoted to solution phenomena including semimicro qualitative analysis. Three lectures and one lab period.

**CHEM 201 Environmental Chemistry. 4 hours.** *Prerequisite: general education science courses, or CHEM 107 and 108.* A course with a topics-based approach to the chemistry of the environment. Students in this course are expected to have some knowledge of chemistry, with a desire of applying this knowledge to the environment. Topics of interest include environmental chemistry of water, water pollution, water treatment, geochemistry, atmospheric chemistry, air pollution, hazardous materials and resources. Three lectures and one lab period. Same as ENVR 201.

**CHEM 204-304 Computer Assisted Data Analysis. 2 hours.** An introduction to scientific programming using a microcomputer. A significant component of this course is the mathematical computations and statistical treatment of the experimental data generated from laboratory courses, research projects and scientific literature. One lecture; one lab. Same as BIOL 204-304.

**CHEM 206 Chemical Equilibrium. 2 hours.** *Co-requisite: CHEM 108.* A theoretical study of the several aspects of equilibria such as: reaction rates, modern concepts of acid and base, gas kinetics, ionic compounds, solubility products and energy considerations. Two lectures.

**CHEM 207 Analytical Methods. 4 hours.** *Prerequisite: CHEM 108.* A study of modern methods used in the analysis of materials. Techniques include statistical analysis, gravimetric analysis, volumetric analysis, spectroscopy and chromatography. Three lectures and one lab period.

**CHEM 210 Chemical Literature. 1 hour.** An introduction to the literature of chemistry with special emphasis on the most modern online techniques. Topics covered will be the use of various indices (e.g., Chemical Abstracts, Bielstein). Use of original articles as sources of precedents and procedures will be encouraged. One lecture.

**CHEM 212 Elementary Organic Chemistry. 3 hours.** A terminal course on the chemistry of carbon compounds designed for students in geology, medical technology programs or others who require an introductory course covering the entire field of organic chemistry. Three lectures.

**CHEM 212-L Elementary Organic Chemistry Laboratory. 1 hour.** *Co-requisite: CHEM 212.* A lab to complement Elementary Organic Chemistry.

**CHEM 315 Organic Chemistry I. 3 hours.** *Prerequisite: CHEM 108.* A lecture course that studies the chemistry of carbon compounds from a functional group perspective. Emphasis is placed on reaction mechanisms and synthetic application.

**CHEM 315-L Organic Chemistry I Laboratory. 1 hour.** *Co-requisite: CHEM 315.* A course that develops organic lab skills and techniques with extensive hands-on experience and organic application of spectroscopy and instrumentation.

**CHEM 316 Organic Chemistry II. 3 hours.** *Prerequisite: CHEM 315.* Further study of the chemistry of carbon compounds from a functional group perspective. Emphasis is placed on reaction mechanisms and synthetic application.

**CHEM 316-L Organic Chemistry II Laboratory. 1 hour.** *Prerequisite: CHEM 315-L. Co-requisite: CHEM 316.* Further development of organic lab skills and techniques with extensive hands-on experience and organic application of spectroscopy and instrumentation.

**CHEM 327 Physical Chemistry I. 3 hours.** *Prerequisite: CHEM 108, 207, PHYS 211, 212, MATH 231.* Properties of gases, kinetic theory of gases, thermodynamics, states of matter and phase equilibria. A survey of basic topics of physical chemistry. This course is designed for the pre-professional and biology student as well as for chemistry students, including advanced chemistry students.

**CHEM 328 Physical Chemistry II. 3 hours.** *Prerequisite: CHEM 327, MATH 232. Recommend MATH 233.* Chemical kinetics, quantum mechanical concept of the structure of the atom, the covalent bond, surface phenomena, electrochemistry and radioactivity. This course will cover some of the material in 327 in the greater depth desirable for advanced students.

**CHEM 336 Biochemistry. 3 hours.** *Prerequisite:* CHEM 316, 316-L. *Recommend CHEM 327.* The chemistry of carbohydrates, lipids and proteins. Specific role of vitamins and hormones in intermediary metabolism, with special emphasis in bioenergetics, kinetics and reaction mechanism. Same as BIOL 336.

**CHEM 336-L Biochemistry Laboratory. 1 hour.** *Co-requisite:* CHEM 336. A lab to complement Biochemistry lecture. Same as BIOL 336-L.

**CHEM 338 Advanced Inorganic Chemistry. 3 hours.** *Prerequisite:* CHEM 316, 327. An advanced study of inorganic chemistry. Topics include coordination compounds, molecular orbital theory, crystal field theory, atomic and molecular structure and catalysis.

**CHEM 340 Organic Reaction Mechanisms. 2 hours.** *Prerequisite:* CHEM 316, 327. A detailed examination of the more common reaction mechanisms (elimination, substitution, addition) in organic chemistry and their theoretical and experimental basis.

**CHEM 344 Instrumental Methods of Analysis. 4 hours.** *Prerequisite:* CHEM 207 and MATH 231. Theory and operation of some advanced instrumental methods such as molecular spectroscopy, atomic spectroscopy, mass spectrometry, electroanalytical methods (such as potentiometry, conductometry), chromatography and modern separation techniques, gas chromatography, modern 1-D and 2-D NMR techniques, etc. Three hours lecture and one lab period.

**CHEM 346 Advanced Organic Synthesis. 1 or 2 hours.** *Prerequisite:* CHEM 316, 316-L. A lab course designed to permit the student to learn modern synthetic methods while performing multistep syntheses. The course will consist of three or six hours of lab a week with an occasional lecture.

**CHEM 377 Modern Methods of Chemical Analysis and Synthesis I. 2 hours.** *Prerequisite:* CHEM 207, 316. *Co-requisite:* CHEM 327. The first of a two semester laboratory sequence designed to expose students to advanced chemical techniques. Emphasis is on physical and inorganic chemical systems. Experiments include the use of air sensitive techniques, organometallic compound synthesis and multistep transition of metal compound preparations and kinetic studies.

**CHEM 378 Modern Methods of Chemical Analysis and Synthesis II. 2 hours.** *Prerequisite:* CHEM 207, 316, 327, 377. The second of a two-semester laboratory sequence designed to expose students to advanced chemical techniques. Emphasis is on physical and inorganic chemical systems. Experiments include the use of solid state synthesis, calorimetry, lasers and isotope effect studies.

**CHEM 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**CHEM 291, 292 Research. 1-3 hours.** *Co-requisites:* CHEM 107 or with the permission of the instructor. Offered to freshmen and sophomores. Detailed experimental and lecture notes must be reported in a laboratory notebook.

**CHEM 391, 392, 491, 492 Research. 1-4 hours.** Research is offered to all chemistry majors during their junior and senior years. A written report, of a subscribed style (ACS journal format), is required for all students. The nature of all of these projects is such that publishable results are anticipated.

**CHEM 495-96 Departmental Honors Research.** A thesis is required and the quality of work will be publishable in nature.

**CHEM 499 ACS Research. 2 hours.** Research offered to students pursuing a chemistry degree. The results of this research will be publishable in nature, resulting in presentations and/or publications. Students pursuing a degree in chemistry only must also present at a regional and/or national meeting.

**MATH 109 College Algebra. 3 hours.** *Prerequisite:* one year of high school algebra and one year of high school geometry. A study of functions and graphs, solutions of equations and inequalities and the properties of polynomial, rational, exponential and logarithmic functions.

**MATH 110 Trigonometry. 3 hours.** *Prerequisite:* MATH 109 or two years of high school algebra and one year of high school geometry. The study of trigonometric, logarithmic and exponential functions and their applications. Currently offered once a year.

**MATH 231 Calculus I. 4 hours.** *Prerequisite:* MATH 109 and 110 or equivalent. A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

**MATH 232 Calculus II. 4 hours.** *Prerequisite:* *Co-requisite:* *or better in* MATH 231. Continuation of Calculus I including techniques of integration and infinite series.

**PHYS 211, 212 General Physics I, II. 5 hours each semester.** *Prerequisite:* MATH 231 or equivalent, or current enrollment in MATH 231. Successful completion of PHYS 211 is a prerequisite for PHYS 212. The principles of mechanics, heat, sound, light, electricity and some topics from atomic and nuclear physics are presented. Calculus and vector analysis are used extensively. Intended for science majors. The workshop format -- integrated lab and lecture -- emphasizes experiment, data collection and analysis, and group work. Three two-hour sessions per week.

# Communication

For majors offered by the department of communication, please refer to the following areas:

- Advertising
- Broadcast
- Journalism
- Public Relations
- Speech Communication

# Computer Information Systems

## Breech School of Business Administration

Robert L. Wyatt, director

The Breech School of Business Administration functions on the undergraduate level as the department of business administration. It also offers a master in business administration degree (M.B.A.) at the graduate level.

The undergraduate programs (accounting, business administration, computer information systems/e-commerce, economics and international business) of the Breech School of Business Administration are dedicated to providing academic preparation consistent with the highest professional standards and liberal arts tradition of Drury University. Programs in the five subject areas provide students the opportunity to learn and grow while gaining a deepening understanding of the role of business and economics of our society. The programs emphasize the development of effective leaders capable of analyzing values, thinking critically, communicating effectively, making sound decisions, integrating theoretical and practical knowledge, exercising personal and social responsibility, appreciating the value of lifelong learning and understanding business and its many positive contributions to a global society.

The curriculum is organized to give students a knowledge of business practices and economic processes; the part played by business and economics in historical development; and an awareness of the major business and economic concerns confronting society.

The Breech School of Business Administration offers lower division courses which contribute to the liberal education of the student, whatever the area of concentration may be. Programs of major study are offered in business administration, accounting, economics, international business and computer information systems/e-commerce. Minors also are available in these subject areas.

### Learning Objectives

**Values.** Students learn to understand the difference between positive and normative analysis. They are also capable of recognizing an ethical quandary. Students should be able to take a position and defend it. They should be capable of creating integrative solutions, where possible. In addition, students should be aware of the wide diversity of perspectives and values. When confronted with an argument or policy position, they should be able to evaluate the soundness of that argument.

**Teamwork.** Students should demonstrate the ability to effectively participate, wherever appropriate, in a variety of teamwork and collaborative learning experiences such as case analysis and presentation, simulations, role plays and group research. As team members students should demonstrate basic management and facilitation skills including effective goal setting and problem solving.

**Autonomy.** Each student will be able to complete and present an effective analysis of a business problem. The student should demonstrate the ability to recognize and accept the tension inherent at times between teamwork and autonomy and to defend the rationale for acting autonomously. Each student should also accept the responsibility for personal and professional development, including an appreciation of learning as a lifelong process.

# Computer Information Systems/E-Commerce

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**Global Perspective.** Students will be able to recognize, understand, evaluate, appreciate and tolerate a diversity of global perspectives including differences in culture, business practices, economic systems, trade agreements, criteria for success, feeling for well-being of ourselves and others, accounting practices, management theory and competition.

**Communication.** Students will be able to listen, read, speak and write effectively.

**Critical Thinking.** Students will develop critical and analytical thinking skills. These skills should include the ability to solve problems that involve both quantitative and qualitative factors. Students should be aware of current social, economic and political issues, especially those relating to the social responsibility of business.

## Admission Policy

Official admission to the Breech School of Business Administration is required\* to enroll in any upper-division course (numbered 300/400/500) with prefixes of ACCT, BADM, ECON.

To be admitted to Breech School of Business Administration, a student must:

- Be officially admitted to Drury University
- Complete a formal application to the Breech School of Business Administration declaring the major, minor, or special program that the student intends to pursue
- Have completed at least 42 hours of college level credit, including a minimum of 12 credit hours at Drury University
- Have completed all of the following preparatory courses (or their transfer equivalents) with a minimum grade of C in each of the following courses:
  - ACCT 209 Principles of Accounting
  - MATH 227 Statistics
  - MATH 203 Math and Inquiry or MATH 231 Calculus
  - BADM 228 Analytical Methods
  - GLST 201 Global Awareness or 3 hours from GP21 Values Inquiry menu
  - ECON 201 Basic Economic Theory
- Have an overall cumulative GPA of 2.75

\* **Probationary Admission.** A student not achieving the 2.75 overall GPA OR not achieving the required grades of C in the preparatory courses listed above may be granted one semester of probationary admission to the Breech School. During this semester, the student may enroll in a maximum of 6 hours of upper-division Breech School coursework. During this probationary semester, the student will be expected to meet all requirements for full admission by raising the cumulative GPA or by retaking any preparatory courses in which a grade of C or higher was not attained. Probationary admission cannot be granted to a student not achieving the required GPA AND a minimum grade of C in the specified preparatory courses.

**Notification of Admission.** Students will be notified in writing of their admission to the Breech School of Business Administration

**Students in other than Breech School Majors/Minors.** Students who must enroll in a Breech School 300/400 level offering to fulfill requirements of a program NOT offered through the Breech School of Business Administration will be exempt from this admission policy, but may be asked to identify their need for the upper-division course offering which, in most cases, would be a Selected Topic.

## Computer Information Systems/E-Commerce Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ACCT 209	Principles of Accounting	3 hrs.
ACCT 210	Management Accounting	3 hrs.
BADM 170	Computer Applications and Tools	3 hrs.
BADM 228	Analytical Methods	3 hrs.
BADM 301	Principles of Management and Leadership	3 hrs.
BADM 337	Marketing	3 hrs.
BADM 350	Management Information Systems	3 hrs.
BADM 351	Systems Analysis and Design	3 hrs.
BADM 422	Corporate Policy and Responsibility	3 hrs.

## Computer Information Systems/E-Commerce

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BADM 431	Finance	3 hrs.
BADM 446	Strategic Management	3 hrs.
BADM 459	Senior Seminar in Computer Info Systems & E-Commerce	3 hrs.
CSCI 251	Introduction to Computer Science	3 hrs.
ECON 201	Basic Economic Theory	4 hrs.
MATH 227	Introduction to Statistics	3 hrs.
MATH 231	Calculus I	4 hrs.
Choose one of the following:		
ACCT 350	Accounting Information Systems	3 hrs.
BADM 304	Organizational Behavior	
BADM 340	Project Management	
BADM 343	Entrepreneurship and Venture Management	
BADM 373	Human Resource Management	
BADM 376	Production Management	
BADM 476	Nonprofit Organizations	
Choose one of the following:		
BADM 319	Business Law I	3 hrs.
BADM 320	Business Law II	
BADM 321	Legal Environment of Business	
Choose one of the following:		
BADM 450	Database Design and Management	3 hrs.
BADM 451	E-Commerce	
Choose two of the following:		
CSCI 171	Introduction to Visual Basic Programming	6 hrs.
CSCI 172	Visual Basic Programming II	
CSCI 261	Data Structures	
CSCI 331	Operating Systems	
CSCI 351	Programming Languages	
CSCI 290, 390, 490	Selected Topics	
Choose one of the following:		
ECON 311	Price Theory	4 hrs.
ECON 312	Aggregate Economic Analysis	

### Computer Information Systems/E-Commerce Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

BADM 103	Introduction to Business Enterprise	3 hrs.
BADM 350	Management Information Systems	3 hrs.
BADM 351	System Analysis and Design	3 hrs.
BADM 450	Database Design and Management	3 hrs.
BADM 451	E-Commerce	3 hrs.
CSCI 171	Introduction to Visual Basic Programming	3 hrs.
Choose one of the following:		
ACCT 209	Principles of Accounting	3 hrs.
BADM 337	Marketing	

The faculty of the Breech School reserve the right to modify the above program and degree requirements at any time.

### Course Descriptions:

#### **ACCT 209 Principles of Accounting. 3 hours.**

*Prerequisite: MATH 203 or equivalent or permission of instructor.* Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures: receivables, inventories and fixed assets.

#### **ACCT 210 Management Accounting. 3 hours.**

*Prerequisite: ACCT 209.* Students participate in active learning that emphasizes the uses and limitations of accounting information. Study of accounting principles relating to management planning and control. Cost and budgetary procedures, revenues and acquisitions.

#### **ACCT 312 Cost Management Systems. 3 hours.**

*Prerequisite: ACCT 209.* A study of the various accounting treatments and innovations in cost and performance measurement, including the accurate measurement of activity costs and the reduction of costs by continuous improvement.

#### **ACCT 350 Accounting Information Systems. 3 hours.**

*Prerequisite: ACCT 209, BADM 170.* A study of the use of a variety of resources designed to transform financial and other data into financial information for decision-making. Consideration of these systems must deal with issues such as the flow of transactions and related



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procedures, summarizing financial data into meaningful formats for internal and external reporting, documentation for audit trail purposes, data security and backup and disaster recovery planning.

**BADM 103 Introduction to Business Enterprise. 3 hours.** An introduction to the fundamental concepts and principles of business enterprise and economics. Introduction to the functions of a business organization. Simulation experience and analysis of business cases. Basic research methods, written and oral reports, discussion of current business and economic developments. Global business awareness.

**BADM 170 Computer Applications and Tools. 3 hours.** This course is intended to provide students with a thorough understanding of critical business productivity tools. Utilizing lectures, hands-on exercises, cases and projects, students will be taught advanced word-processing, spreadsheet and presentation skills. Students will also be introduced to database query tools, group collaboration, network connection, web page building and statistical applications. The integration of these tools will be emphasized throughout the course.

**BADM 228 Analytical Methods. 3 hours.** *Prerequisite: Knowledge of algebra, MATH 227 or ECON 214 or equivalent, BADM 170.* Study of common techniques for quantitative analysis and decision making including probability distributions, forecasting models, multivariate correlation and regression, linear programming, queuing analysis and simulation. Team and individual research and problem solving, report writing and oral presentations. Critical evaluation of assumptions in decision making including qualitative considerations.

**BADM 301 Principles of Management and Leadership. 3 hours.** *Prerequisite: ACCT 209, 210 or 312.* Introduction to management of organizations, including strategy, leadership and organizational design. Team projects in management research and critical analysis.

**BADM 304 Organizational Behavior. 3 hours.** *Prerequisite: BADM 301.* Intermediate study of management of organizations, with emphasis upon dynamic organizational processes such as group decision making and organizational change. Relationships among strategy, structure and behavior examined through workshops, team and individual projects and simulations.

**BADM 319, 320 Business Law I and II. 3 hours each.** These courses are designed to provide an understanding of the rules of law governing business and individuals in their transactions and conduct with each other. Contracts, agencies, negotiable instruments, sales, partnerships, corporations. Readings and discussion of cases.

**BADM 321 Legal Environment of Business. 3 hours.** Foundations of legal reasoning, case analysis, legal dispute resolution and reporting, court systems and sources of law. Topics to be covered include torts, contracts, sales, product liability, consumer rights, employment, and antitrust law.

**BADM 337 Marketing. 3 hours.** *Prerequisite: ECON 201, MATH 227 or equivalent, or permission of instructor.* Introduction to effective marketing concepts, strategies and practices. An analytical approach to recognition of alternative strategic paradigms and their effect on a firm's marketing. Ethical and social responsibilities of effective domestic and global marketing. Individual and team projects with operating sponsors.

**BADM 340 Project Management. 3 hours.** *Prerequisite: BADM 301.* A study of management theory particular to the effective organization and leadership of programs and projects. Essential elements of this study include project planning, investments and evaluation, and the management of complex processes. The characteristic challenges of projects and programs, including sensitive time constraints, ad hoc structures, and work sequencing will be given particular attention.

**BADM 343 Entrepreneurship and Venture Management. 3 hours.** *Prerequisite: BADM 301.* The fundamentals of organizing a small business. Role and characteristics of the entrepreneur and problems of venture initiation. New venture creation and its management through the first several years of operation.

**BADM 350 Management Information Systems. 3 hours.** *Prerequisite: Permission of instructor.* An introduction to the study of the design and application of management information systems in business.

**BADM 351 Systems Analysis and Design. 3 hours.** *Prerequisite: BADM 350.* This course is intended to assist students in understanding (i) the process by which an information system application is developed; (ii) the results of the various analysis and design subprocesses; and (iii) the concepts and considerations which influence the processes and their results. Lectures, discussions, readings and exercises will deal with the areas of computer technology, information analysis, requirements determination, detailed logical design, physical design, implementation planning and organizational behavior. Through regular deliverables associated with the cumulative project file of a running case, students will follow a widely used structured development methodology (the data flow diagramming approach) in conducting team-oriented analysis and design projects.

**BADM 373 Human Resource Management. 3 hours.** The recruitment and selection of employees, training programs, service records, efficiency ratings, wage policies, labor turnover, employee morale and the provision of services to employees will be discussed. Examination will be made of the personnel practices of several companies that developed outstanding personnel programs.

**BADM 376 Production Management. 3 hours.** *Prerequisite: BADM 228, MATH 203, 231, ACCT 209, ACCT 210 or 312.* Study of production and operations function. Development of product, process and location strategies; operations layout; work measurement, productivity, learning curves; procurement methods; aggregate planning; inventory models, just-in-time methods; material requirements planning; total quality management, teamwork and quality control techniques; maintenance strategy. Issues related to international

production. Team projects including on-site tours, case analysis, design of original POM strategy and operations simulation; written and oral reports.

**BADM 422 Corporate Policy and Responsibility. 3 hours.** *Prerequisite:* Senior standing, BADM 301, 337, 431, ECON 311, 312, or permission of instructor. Study of the roles, responsibilities and challenges of business in modern global society. Case analyses and research discussed in seminar format. Emphasis upon critical thinking, effective communication and development of socially responsible business leadership.

**BADM 431 Finance. 3 hours.** *Prerequisite:* BADM 170, 228; ACCT 209; ACCT 210 or 312; MATH 203 or 231; or permission of instructor. This course is an investigation of the study of finance and its implications. Topics covered include: financial statement analysis, the financial environment, risk, time value of money, stock, bond and firm evaluation, financing, financial institutions and multinational finance. The course emphasizes that financial managers must deal with various models, assumptions and cultures and are often called upon to make decisions based on qualitative as well as quantitative factors.

**BADM 446 Strategic Management. 3 hours.** *Prerequisite:* Senior standing, BADM 301, 337, 376, 431, or permission of instructor. Capstone course. Integrative, strategic application of diverse analytical approaches to decision making. Individual and team projects including oral and written presentations. Emphasis on using socially responsible and ethical means of dealing with complex situations. Global policy formulation and application with extensive use of cases.

**BADM 450 Database Design and Management. 3 hours.** *Prerequisite:* BADM 350. A study of the issues involved in the design and management of computer databases and their application for problem solving will be discussed. Issues of data structures, storage and mining will be investigated.

**BADM 451 E-Commerce. 3 hours.** *Prerequisite:* BADM 350. A study of the impact of electronic commerce on business and the role of the Internet in reshaping business to business relationships as well as e-tailing.

**BADM 459 Senior Seminar in Computer Information Systems and E-Commerce. 3 hours.** *Prerequisite:* BADM 450 or 451. The senior seminar will involve direct application of classroom topics to real world computer information systems/e-commerce problems.

**BADM 476 Nonprofit Organizations. 3 hours.** This course is designed to support the Arts Administration major, but is an appropriate elective for several majors, such as Business Administration and Public Relations. The focus of the course is on the development and ongoing operation of nonprofit organizations, particularly those involved in the arts. Incorporation, taxation, financial reporting, marketing, donor database management, contracting and personnel issues are examples of topics covered.

**CSCI 171 Introduction to Visual Basic Programming. 3 hours.** An introduction to computer programming techniques and the language Visual Basic. No previous

computer experience is required.

**CSCI 172 Visual Basic Programming II. 3 hours.** *Prerequisite:* CSCI 171. A continuation of CSCI 171.

**CSCI 251 Introduction to Computer Science. 3 hours.** *Prerequisite:* CSCI 241 recommended. An introduction of various areas of computer science. A major component is programming design and development using a high level language such as C++. A disciplined approach to problem solving methods and algorithm development will be stressed using top-down design and stepwise refinement. Topics included are syntax and semantics, I/O, control structures, subroutines and modularity, data types and fundamental algorithms. Also discussed are the ethics of computing.

**CSCI 261 Data Structures. 3 hours.** *Prerequisite:* C or better in CSCI 241, 251, MATH 231. This course provides an in-depth study of data structures, including arrays, records, stacks, queues, lists, trees, heaps and hash tables. The study includes the definition, specification and implementation of these structures, as well as examples of their uses. Also included is an introduction to the internal representation of information.

**CSCI 262 Algorithms. 3 hours.** *Prerequisite:* C or better in CSCI 261. *Recommended:* MATH 234 or 235. This course examines the design and efficiency of sequential and parallel algorithms. Problem-solving strategies and techniques are central. The algorithms studied include sorting and searching, pattern matching, graph algorithms and numerical algorithms. Standard algorithmic paradigms are studied: divide and conquer, greedy methods and dynamic programming. We will consider the time and space complexity analysis of sequential and parallel algorithms and proofs of algorithm correctness.

**CSCI 331 Operating Systems. 3 hours.** *Prerequisite:* CSCI 261. The concepts underlying operating systems are studied. Topics include file systems, CPS scheduling, memory management, deadlocks, concurrent processes and protection.

**CSCI 351 Programming Languages. 3 hours.** *Prerequisite:* CSCI 262. This course includes the history, design and implementation of various programming languages. The strengths and weaknesses of each language will be studied and the comparisons among the languages will be highlighted. The specific languages studied may include a scientific language such as Fortran, an object oriented language such as C++, a functional language such as LISP and a database query language such as SQL. Also included will be brief introductions to compiler design and to automata and formal language theory.

**ECON 201 Basic Economic Theory. 4 hours.** *Prerequisite:* MATH 109 or equivalent or permission of instructor. Students will be introduced to the way market economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

**ECON 214 Applied Statistics. 3 hours.** *Prerequisite:*

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*MATH 109 or equivalent, BADM 170 or equivalent, or permission of instructor.* Study of fundamental statistical techniques and applications in business and economics including the collection, organization and presentation of data; measures of central tendency and dispersion; probability rules and distributions; sampling distribution and sampling methods; hypothesis testing and chi square applications; simple correlation and regression; index numbers. Individual and team research projects, written and oral reports. Consideration of ethical issues in the field of statistics. Computer lab assignments.

**ECON 311 Price Theory. 4 hours.** *Prerequisite: ECON 201, knowledge of algebra.* Students will use economic models to explore how free markets can lead to the most efficient use of society's scarce resources. The problems posed by monopoly and other forms of market failure will be analyzed along with other real-world issues.

**ECON 312 Aggregate Economic Analysis. 4 hours.** *Prerequisite: ECON 201, knowledge of algebra.* Students will trace the historical development of contemporary macroeconomic analysis and use economic models to evaluate the impact of monetary and fiscal policies on the level of employment, output and prices in capitalist economies. The debate surrounding the appropriate role of government in promoting full employment and price stability is given emphasis.

**MATH 203 Mathematics and Inquiry. 3 hours.** In this course, students will develop quantitative and

abstract reasoning abilities necessary to solve complex problems. Literacy in mathematics is developed, with concepts and skills from such areas as algebra, trigonometry, calculus, probability, statistics and computer science. This course will address critical thinking and problem-solving skills, not simply numerical manipulations related to a single subdiscipline of mathematics. Emphasis will be placed on defining and setting up problems; understanding the steps required to solve various types of problems; understanding the factual information and quantitative abilities required for problem solving; and understanding how necessary information can be obtained from text material, resource individuals and computer resources.

**MATH 227 Introduction to Statistics. 3 hours.** *Prerequisite: MATH 100 or equivalent.* A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

**MATH 231 Calculus I. 4 hours.** *Prerequisite: MATH 109, 110 or equivalent.* A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

# Computer Science

## Department of Mathematics & Computer Science

Robert L. Robertson, chair

The department of mathematics and computer science provides students with courses for general knowledge and for career preparation. We stress the development of critical thinking skills, the integration of theory with practical applications, and the understanding of concepts of mathematics and computer programming.

### Computer Science Major:

The computer science program at Drury is designed to prepare students for careers in computer programming. (For information about the computer information systems degree, please see the catalog section for the computer information systems/e-commerce, Breech School of Business Administration.)

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

CSCI 241	Discrete Mathematics	3 hrs.
CSCI 251	Introduction to Computer Science	3 hrs.
CSCI 261	Data Structures	3 hrs.
CSCI 262	Algorithms	3 hrs.
CSCI 351	Programming Languages	3 hrs.
CSCI 371	Software Engineering	3 hrs.
CSCI 493	Research and Development	3 hrs.
MATH 231	Calculus I	4 hrs.
MATH 232	Calculus II	4 hrs.

Choose one of the following:	3hrs.
CSCI 331	Operating Systems
CSCI 361	Computer Organization
Choose one of the following:	3 hrs.
CSCI 453	Formal Language Theory
CSCI 454	Compiler Theory
<i>Recommended: PHYS 215 Electronics.</i>	

## Computer Science Minor:

The minor in computer science allows students to combine their study of software development with majors in their desired areas of application, preparing the students for various professional positions which involve computer programming as a component. The requirements for the minor are:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

CSCI 241	Discrete Mathematics	3 hrs.
CSCI 251	Introduction to Computer Science	3 hrs.
CSCI 261	Data Structures	3 hrs.
CSCI 262	Algorithms	3 hrs.
CSCI 351	Programming Languages	3 hrs.
CSCI 371	Software Engineering	3 hrs.
Choose one of the following:		3 hrs.
CSCI 331	Operating Systems	
CSCI 361	Computer Organization	

Students interested in graduate school in computer science are encouraged to complete a minor in mathematics, including linear algebra and differential equations. Graduate study in analysis of algorithms and the study of computability theory require an advanced understanding of mathematics.

## Course Descriptions:

**CSCI 171 Introduction to Visual Basic Programming. 3 hours.** An introduction to computer programming techniques and the language Visual Basic.

**CSCI 172 Visual Basic Programming II. 3 hours.**  
*Prerequisite: CSCI 171.* A continuation of 171.

**CSCI 241 Discrete Mathematics. 3 hours.** *Prerequisite: MATH 109 or Algebra II in high school or permission of instructor.* This course includes propositional logic, induction and recursion, number theory, set theory, relations and functions, graphs and trees and permutations and combinations. Same as MATH 241.

**CSCI 251 Introduction to Computer Science. 3 hours.**  
*Prerequisite: CSCI 241 recommended.* An introduction of various areas of computer science. A major component is programming design and development using a high level language such as C++. A disciplined approach to problem solving methods and algorithm development will be stressed using top-down design and stepwise refinement. Topics included are syntax and semantics, I/O, control structures, subroutines and modularity, data types and fundamental algorithms. Also discussed are the ethics of computing.

**CSCI 261 Data Structures. 3 hours.** *Prerequisite: C or better in CSCI 241, 251 and MATH 231.* This course provides an in-depth study of data structures, including arrays, records, stacks, queues, lists, trees, heaps and hash tables. The study includes the definition, specification and implementation of these structures, as well as examples of their uses. Also included is an introduction to the internal representation of information.

**CSCI 262 Algorithms. 3 hours.** *Prerequisite: C or better in CSCI 261. Recommended: MATH 234 or 235.* This course examines the design and efficiency of sequential and parallel algorithms. Problem-solving strategies and techniques are central. The algorithms studied include sorting and searching, pattern matching, graph algorithms and numerical algorithms. Standard algorithmic paradigms are studied: divide and conquer, greedy methods and dynamic programming. We will consider the time and space complexity analysis of sequential and parallel algorithms and proofs of algorithm correctness.

**CSCI 331 Operating Systems. 3 hours.** *Prerequisite: CSCI 261.* The concepts underlying operating systems are studied. Topics include file systems, CPS scheduling, memory management, deadlocks, concurrent processes and protection.

**CSCI 340 Numerical Analysis. 3 hours.** *Prerequisite: CSCI 251 and MATH 235. Same as MATH 340.* Numerical techniques for finding mathematical solutions are studied. These algorithms are implemented in computer systems for solving mathematical problems. Included are approximating solutions of equations and numerical differentiation and integration. Numerical solutions for differential equations and linear systems may also be studied.

**CSCI 351 Programming Languages. 3 hours.** *Prerequisite: CSCI 262.* This course includes the history, design and implementation of various programming languages. The strengths and weaknesses of each language will be studied and the comparisons among the languages will

be highlighted. These specific languages studied may include a scientific language such as Fortran, an object oriented language such as JAVA, a functional language such as LISP, and a database query language such as SQL. Also included will be brief introductions to compiler design and to automata and formal language theory.

**CSCI 361 Computer Organization. 3 hours.** *Prerequisite:* CSCI 262 or permission of instructor. A detailed study designed to teach the building blocks of a computer system and basic computer organization concepts. Subjects include hardware, machine code, assembly language, compilers, operating systems and high-level languages, as well as digital logic, performance issues and binary arithmetic.

**CSCI 371 Software Engineering. 3 hours.** *Prerequisite:* CSCI 262. Systems Engineering concepts for the design and implementation of computing projects. Project life cycle studies include rapid prototyping paradigms as well as the classical cycle of requirements, design and implementation phases. Project management is discussed, including considerations in selecting hardware platforms. The methodologies are reinforced through a group project.

**CSCI 453 Formal Language Theory. 3 hours.** *Prerequisite:* CSCI 351, MATH 234 or 235. A formal study of the mathematical basis for computer software. The following topics are included: finite automata, regular expressions, context-free languages, pushdown automata, Turing machines, decidability and computability.

**CSCI 454 Compiler Theory. 3 hours.** *Prerequisite:* CSCI 351. *Recommended:* CSCI 453. The translation of high-level languages into low-level languages is studied, including syntax definition, lexical analysis, syntax analysis and the role of the parser. Other topics include type checking, run-time environments, code generation and code optimization.

**CSCI 461 Artificial Intelligence. 3 hours.** *Prerequisite:* CSCI 351. A survey of the main applications of artificial intelligence includes natural language processing, robotics and expert systems. The principles of artificial intelligence are studied, including such topics as search strategies, deduction systems and plan generation systems. Labs use a version of the LISP language.

**CSCI 493 Research and Development. 3 hours.** *Prerequisite:* CSCI 351, 361, 371. Experience in research and development of computer software in a topic such as automated scheduling. Requires team development and delivery of an application and participation in departmental assessment activities.

**CSCI 290, 390, 490 Selected Topics. 1-3 hours.** See page 34.

**CSCI 391, 392, 491, 492 Research.** See page 34.

**CSCI 397, 398, 497, 498 Internship.** See page 34.

**MATH 109 College Algebra. 3 hours.** *Prerequisite:* one year of high school algebra and one year of high school geometry. A study of functions and graphs, solutions of equations and inequalities and the properties of polynomial, rational, exponential and logarithmic functions.

**MATH 110 Trigonometry. 3 hours.** *Prerequisite:* MATH 109 or two years of high school algebra and one year of high school geometry. The study of trigonometric, logarithmic and exponential functions and their applications. *Currently offered once a year.*

**MATH 231 Calculus I. 4 hours.** *Prerequisite:* MATH 109 and 110 or equivalent. A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

**MATH 232 Calculus II. 4 hours.** *Prerequisite:* C or better in MATH 231. Continuation of Calculus I including techniques of integration and infinite series.

**MATH 233 Calculus III. 4 hours.** *Prerequisite:* C or better in MATH 232. Functions of two variables, partial differentiation, applications of multiple integrals to areas and volumes, line and surface integrals, vectors.

**MATH 234 Introduction to Mathematical Proof. 3 hours.** *Prerequisite:* MATH 231 (MATH 232 recommended). A careful introduction to the process of constructing mathematical arguments, covering the basic ideas of logic, sets, functions and relations. A substantial amount of time will be devoted to looking at important forms of mathematical argument such as direct proof, proof by contradiction, proof by contrapositive and proof by cases. Applications from set theory, abstract algebra, or analysis may be covered at the discretion of the instructor.

**MATH 235 Linear Algebra. 3 hours.** *Prerequisite:* MATH 232. Study of linear transformations, matrices, vector spaces.

**MATH 241 Discrete Mathematics. 3 hours.** *Prerequisite:* MATH 109 or Algebra II in high school or permission of instructor. This course includes propositional logic, induction and recursion, number theory, set theory, relations and functions, graphs and trees and permutations and combinations. Same as CSCI 241.

**MATH 340 Numerical Analysis. 3 hours.** *Prerequisite:* MATH 235 and CSCI 251. Same as CSCI 340. Numerical techniques for finding mathematical solutions are studied. These algorithms are implemented in computer systems for solving mathematical problems. Included are approximating solutions of equations and numerical differentiation and integration. Numerical solutions for differential equations and linear systems may also be studied.

**MATH 366 Differential Equations. 3 hours.** *Prerequisite:* MATH 233. A first course in ordinary differential equations.

# Criminology

## Department of Behavioral Sciences

Mary Utley, chair

The department of behavioral sciences focuses on the disciplines of psychology, sociology and criminology. A primary goal of this department is to help the student function as an effective, informed person in our culture which is defined by enormously complicated contingencies of adaptation. To this end, the principles of human behavior are presented within the context of an interdisciplinary liberal arts educational program. Psychology, sociology and criminology address different dimensions of human behavior that can be integrated to form a comprehensive view of the human condition.

Criminology is the scientific study of criminal behavior and the social institutions that deal with crime. The criminology major combines the resources of psychology and sociology, in order to effect a broad-based view of criminal behavior. Criminology 102 is a prerequisite for most criminology courses.

In addition to the course offerings, departmental majors are encouraged to work in community, social and/or correctional agencies where they can apply classroom knowledge to real problems.

### Criminology Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

CRIM 102	Introduction to Criminology	3 hrs.
CRIM 200	Research Methods in Social Science	3 hrs.
CRIM 221	Victimology	3 hrs.
CRIM 275	Statistics for the Behavioral Sciences	3 hrs.
CRIM 331	Advanced Criminology	3 hrs.
CRIM 332	Juvenile Delinquency	3 hrs.
CRIM 360	The Judicial Process	3 hrs.
CRIM 493	Senior Seminar	3 hrs.
CRIM 397, 398, 497, 498	Internship	3 hrs.
Choose one from the following electives:		3 hrs.
CRIM 311	White Collar Crime	
CRIM 321	Deviance and Social Control	
CRIM 326	Theories of Counseling and Guidance	
CRIM 334	Abnormal Psychology	
CRIM 341	Justice and Punishment	
CRIM 342	The Correctional System	
CRIM 371	Psychology and the Law	
CRIM 390, 490	Selected Topics	
CRIM 391, 392, 491, 492	Research	

### Criminology Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

CRIM 102	Introduction to Criminology	3 hrs.
CRIM 331	Advanced Criminology	3 hrs.
CRIM 332	Juvenile Delinquency	3 hrs.
Choose two courses from the following, at least one should be at the 300 level.		6 hrs.
CRIM 200	Research Methods in Social Science	
CRIM 201	Law and Society	
CRIM 221	Victimology	
CRIM 275	Statistics for the Behavioral Sciences	
CRIM 311	White Collar Crime	
CRIM 321	Deviance and Social Control	
CRIM 326	Theories of Counseling and Guidance	
CRIM 334	Abnormal Psychology	

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CRIM 341	Justice and Punishment
CRIM 342	The Correctional System
CRIM 360	The Judicial Process
CRIM 371	Psychology and the Law
CRIM 290, 390, 490	Selected Topics
CRIM 391, 392, 491, 492	Research
CRIM 397, 398, 497, 498	Internship

## Course Descriptions:

**CRIM 102 Introduction to Criminology. 3 hours.** A survey course designed to provide a general theoretical understanding of crime problems in the U.S. The basic source of crime, the justice machinery and society's reaction to crime are examined. (Meets Human Behavior)

**CRIM 200 Research Methods in Social Science. 3 hours.** *Prerequisite:* CRIM 102. Considers the major methods of the social sciences, including applied statistics. Topics include: research design, surveys, secondary data and other unobtrusive methods, evaluation research, sampling and research reports. Same as PSYC 200, SOCI 200.

**CRIM 201 Law and Society. 3 hours.** *Prerequisite:* CRIM 102. Considers social, cultural and political forces which influence the formation of laws and legislative processes. Theories of the origins of law are discussed and then applied to historical legal cases.

**CRIM 221 Victimology. 3 hours.** *Prerequisite:* CRIM 102 or permission of instructor. Analysis of major perspectives on victimization. Emphasis is on the role of the victim in the generation of crime, experience of the victim in the criminal justice system and on patterns of victimization.

**CRIM 275 Statistics for the Behavioral Sciences. 3 hours.** *Prerequisite:* PSYC 101, PLSC 101, CRIM 102 or SOCI 101 or permission of instructor. PSYC/SOCI/CRIM 200 recommended. This course introduces the student to the basic design methodologies and statistical techniques used in behavioral sciences. Some of the topics considered are mixed and correlational designs, analysis of variance and data collection procedures. Offered both semesters. Same as COMM 275, PLSC 275, PSYC 275 and SOCI 275.

**CRIM 311 White Collar Crime. 3 hours.** *Prerequisite:* CRIM 102. Intensive study of crimes committed by people or corporations during the course of legitimate work.

**CRIM 321 Deviance and Social Control. 3 hours.** *Prerequisite:* CRIM 102 or SOCI 101. This course provides several perspectives on the nature and sources of deviance. Included in the survey are societal responses to deviance and processes to control deviance. Same as SOCI 321.

**CRIM 326 Theories of Counseling and Guidance. 3 hours.** *Prerequisite:* PSYC 101 and three additional psychology hours. A comparative analysis of the major theories of psychological counseling. Attention is given to specific counseling methods and techniques utilized by psychologists, counselors, ministers, social workers, personnel managers and criminal justice workers. Same as PSYC 326.

**CRIM 331 Advanced Criminology. 3 hours.** *Prerequisite:* CRIM 102. An intensive study of different theories explaining why people violate the law. Special consideration will be given to applying theories of crime.

**CRIM 332 Juvenile Delinquency. 3 hours.** *Prerequisite:* CRIM 102 or SOCI 101. A systematic analysis of theories of juvenile delinquency and how the juvenile justice system manages delinquents. Consideration will also be given to the solutions of delinquency. Same as SOCI 332.

**CRIM 334 Abnormal Psychology. 3 hours.** *Prerequisite:* PSYC 101, plus three additional hours in psychology or permission of the instructor. Following a brief introduction to personality theories, the course focuses on the etiology, classification and treatment of behavior disorders. Same as PSYC 334.

**CRIM 341 Justice and Punishment. 3 hours.** *Prerequisite:* CRIM 102. A philosophical and pragmatic examination of justice and punishment. The course will provide an understanding of the conceptual foundations of justice. (Meets Values Inquiry)

**CRIM 342 The Correctional System. 3 hours.** *Prerequisite:* CRIM 102. Provides a basic framework for understanding crime and criminal justice. Topics include: community-based treatment programs, correctional treatment in institutions and civil rights of offenders.

**CRIM 360 The Judicial Process. 3 hours.** *Prerequisite:* CRIM 102. An in-depth look at the judicial branch of government, emphasizing the state and federal judicial systems. The role of the prosecution, defense, judge and jury are examined, as well as judicial procedure.

**CRIM 371 Psychology and the Law. 3 hours.** This course will examine relevant theory, research case law, and issues of psychological practice within the criminal justice system. Same as PSYC 371.

**CRIM 493 Senior Seminar. 3 hours.** This is a capstone course for the major. Current issues in the field are researched and presented in a seminar setting using regular class discussion and debate. Students practice the writing, oral communication and critical thinking skills necessary to succeed in graduate school and their future careers. Same as PSYC 493, SOCI 493.

**CRIM 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**CRIM 291, 292, 391, 392, 491, 492 Research.** See page 34.

**CRIM 397, 398, 497, 498 Internship.** See page 34.

# Design Arts

## Department of Art and Art History

Thomas E. Russo, chair

The department of art and art history offers:

1. Introductory courses designed to develop appreciation and lead to increased understanding of the fine arts and their contribution to the cultural life of society.
2. Advanced courses leading to an academic major or minor in studio arts or art history.
3. Special programs formulated to prepare the student for a professional career, graduate study, or teaching.
4. Support courses leading to a professional degree in architecture.

The department of art and art history offers three majors leading to a bachelor of arts degree. A student can major in art history, design arts, or fine arts. General requirements for the various departmental options as well as the specific courses offered are listed below.

### The Art History, Design Arts and Fine Arts Majors

Prior to selecting a major, students should consult with their advisor and the chairman of the department of art and art history. All students who decide to major in art or art history should officially elect a faculty member from the department as their formal advisor and consult with that faculty member prior to course registration each semester. All three majors include ARTS 111, 151 and/or 152, 293, 393 and 493. ARTS 111 is offered in the *fall semester only* and is to be taken freshman year if you are considering a major in the visual arts. ARTS 293, 393 and 493 are offered in the *spring semester only* and should be taken as follows: ARTS 293 in the sophomore year, ARTS 393 in the junior year and ARTS 493 in the senior year.

The design art major is appropriate for students who are primarily seeking a post-BA career in commercial photography, digital imaging, graphic design, or weaving. It is also appropriate for students planning to pursue graduate studies in these areas; if this is their objective, ARTS 320 Portfolio and a second major in art history or fine arts are recommended. This major is required for students who intend to pursue the special program in visual communication.

### Visual Communication Program

The visual communication program is an interdisciplinary program designed to meet the needs of students with a career interest in the graphic design field. By successfully completing the prescribed set of courses, students will earn a Design Arts major. In addition, the student's transcript will note that they have fulfilled the requirements of this special program. See page 232 for required courses.

### Design Arts Major

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ARTS 111	Foundations of Design	3 hrs.
ARTS 123	Drawing	3 hrs.
ARTS 293, 393, 493	Art Core	3 hrs.
BADM 103	Introduction to Business Enterprise	3 hrs.
Choose one of the following:		3 hrs.
ARTS 151	History of Art and Architecture I	
ARTS 152	History of Art and Architecture II	
Choose five electives from this group; three must be 300 level or above.		15 hrs.
ARTS 203	Graphic Design I	
ARTS 204	Graphic Design II	
ARTS 240	Weaving I	
ARTS 260	Photography I	
ARTS 303	Publication Design	
ARTS 320	Portfolio	



# Design Arts

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ARTS 322	Illustration
ARTS 326	Concept and Design
ARTS 340	Weaving II
ARTS 344	History of Modern Art
ARTS 348	History of Photography
ARTS 350	History and Theory of Graphic Communication
ARTS 360	Photography II
ARTS 361	Alternative Photographic Processes
ARTS 362	Digital Imagery
ARTS 290, 390, 490	Selected Topics
Choose one elective from this group:	
ARTS 375	Field Studies in Studio Art
ARTS 391, 392, 491, 492	Research
ARTS 397, 398, 497, 498	Internship
ARTS 301, 302, 401, 402	Advanced Studio (1-3 hrs each)

3 hrs.

*Courses used as electives for one Art or Art History major may not also satisfy elective requirements for another Art or Art History major or minor. No more than one directed study may count toward a major.*

## Design Arts Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ARTS 111	Foundations of Design	3 hrs.
ARTS 123	Drawing	3 hrs.
	Design Art Electives	9 hrs.

*Courses used as electives for one Art or Art History minor may not also satisfy elective requirements for another Art or Art History major or minor.*

## Art History Courses

### ARTS 151 History of Art and Architecture I. 3 hours.

An analytical survey of western traditions in art and architecture from the Paleolithic through the Middle Ages, including such periods and styles as Egyptian, Greek, Roman, Early Christian, Romanesque and Gothic. Analysis of these traditions develops an awareness of non-western traditions. Same as ARCH 151. (Meets Artifacts of Western Culture)

### ARTS 152 History of Art and Architecture II. 3 hours.

An analytical survey of western traditions in art and architecture from the Renaissance to the present, including such periods and styles as Baroque, Neoclassical, Romanticism, Modern and Post-Modern. Analysis of these traditions develops an awareness of non-western traditions. Same as ARTS 152. (Meets Artifacts of Western Culture)

### ARTS 344 History of Modern Art. 3 hours.

An in-depth examination of art from the Romantic period (circa 1800) to the emergence of the Modern Period (1850), through the early twentieth century to the present. Same as ARCH 344. (Meets Artifacts of Western Culture)

### ARTS 348 History of Photography. 3 hours.

A survey of the aesthetic and technical development of photography from its origin to the present. Particular emphasis will be given to the contextual relationships of photographic imagery to the visual arts and to the culture at large.

### ARTS 350 History and Theory of Graphic Communication. 3 hours.

This course will offer the student the opportunity to explore the psychological and sociological aspects of advertising and visual communication, providing an historical and theoretical

context for studio graphic design offerings. Same as COMM 350.

## Design Arts Courses

### ARTS 111 Foundations of Design. 3 hours.

An introduction to the principles of design. Basic creative problem-solving and design principles are explored through studio projects and symposium presentations. This course is the first in a sequence of studio courses for both art and architecture majors, but also serves non-majors. Same as ARCH 111. *Offered fall semester only.* (Meets Creativity Explored)

### ARTS 123 Drawing. 3 hours.

Students will work in a variety of drawing media and techniques solving representational problems. This course includes an introduction to figure drawing. (Meets Creativity Explored)

### ARTS 203 Graphic Design I. 3 hours.

This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through lectures, demonstrations and discussions, a basic understanding of layout, design and computer applications will be taught. Same as COMM 203. (Meets Creativity Explored)

### ARTS 204 Graphic Design II. 3 hours.

*Prerequisite: ARTS 203.* This course is the second half of the two-semester sequence in which knowledge and

skills of typography and communication of the written word blended into the creation of personalized design projects reflecting a realistic approach to contemporary graphic design. Through lectures, demonstrations and discussions, an advanced understanding of computer applications, layout and design will be taught. Same as COMM 204.

**ARTS 240 Weaving I. 3 hours.** An introduction to principles and techniques of loom and off-loom weaving. (Meets Creativity Explored)

**ARTS 260 Photography I. 3 hours.** *Prerequisite:* ARTS 111 or permission of instructor. The course covers basic principles of black and white photography and darkroom techniques. (Meets Creativity Explored)

**ARTS 293 Art Core. 1 hour.** *Prerequisite:* ARTS 111. For ARTS majors only. A sophomore level seminar course aimed at acquainting students with current readings in the field, basic art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty. This course, along with ARTS 393, is a prerequisite for senior Art Core (ARTS 493) which is the capstone course in the design and fine arts majors. Offered spring semester only.

**ARTS 303 Publication Design. 3 hours.** *Prerequisite:* ARTS 203, 204. A one semester course in which the information learned in Graphic Design I and Graphic Design II is related to the intricacies of publication design.

**ARTS 320 Portfolio. 3 hours.** *It is recommended that this course be completed prior to ARTS 493.* This course concerns development of a body of art work to be used in approaching the job market or graduate school possibilities.

**ARTS 322 Illustration. 3 hours.** *Prerequisite:* ARTS 123 or 200 or permission of instructor. A course designed to give a general understanding and awareness of illustration styles and techniques in a variety of media.

**ARTS 326 Concept and Design. 3 hours.** *Prerequisite:* ARTS 203, 204. This course is designed to expand the graphic design student's understanding of important concepts underlying outstanding works in the discipline. Design projects will be developed as a class beginning with the brainstorming stage and continuing through successive development stages to final production.

**ARTS 340 Weaving II. 3 hours.** *Prerequisite:* ARTS 240. Advanced studio problems in weaving with an emphasis on individual projects.

**ARTS 360 Photography II. 3 hours.** *Prerequisite:* ARTS 260. In this course, the student will be encouraged to explore more advanced techniques and to develop a

better understanding of black and white photography as an art form.

**ARTS 361 Alternative Photographic Processes. 3 hours.** *Prerequisite:* ARTS 260 or permission of instructor. This course will explore the many possibilities involving photographic images on nontraditional materials and alternative photographic printing techniques.

**ARTS 362 Digital Imagery. 3 hours.** *Prerequisite:* ARTS 260 or ARCH 150 or permission of instructor. A course devoted to the exploration of digital imagery as a fine art and medium of self-expression. Same as ARCH 362. (Meets Creativity Explored)

**ARTS 375 Field Studies in Studio Art. 3 hours.** A course designed to promote first hand, in-depth experience with works of art and/or architecture in order to foster the integration of theoretical and applied learning skills in the design and fine arts major. Students will participate in an off-campus field study, the exact nature of which will be determined by the interests of the student and must be approved in consultation with a faculty member. (Meets Creativity Explored)

**ARTS 393 Art Core. 1 hour.** *Prerequisite:* ARTS 293 or permission of instructor. For ARTS majors only. A junior level seminar course aimed at furthering students' awareness of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty during portfolio preparation. This course is a prerequisite for senior Art Core (ARTS 493) which is the capstone course in the design and fine arts majors. Offered spring semester only.

**ARTS 301, 302, 401, 402 Advanced Studio. 1-3 hours each.** *Prerequisite:* departmental permission. These courses are offered to encourage individual work for advanced students under the supervision of a specific instructor.

**ARTS 493 Art Core. 1 hour.** *Prerequisite:* ARTS 393 or permission of instructor. For ARTS majors only. A senior level seminar course aimed at furthering students' knowledge of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty during their preparation of a senior studio project for exhibition. This course is the capstone in the design and fine arts majors. Offered spring semester only.

**ARTS 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**ARTS 291, 292, 391, 392, 491, 492 Research.** See page 34.

**ARTS 397, 398, 497, 498 Internship.** See page 34.

# Economics

## Breech School of Business Administration

Robert L. Wyatt, director

The Breech School of Business Administration functions on the undergraduate level as the department of business administration. It also offers a master in business administration degree (M.B.A.) at the graduate level.

The undergraduate programs (accounting, business administration, computer information systems/e-commerce, economics and international business) of the Breech School of Business Administration are dedicated to providing academic preparation consistent with the highest professional standards and liberal arts tradition of Drury University. Programs in the five subject areas provide students the opportunity to learn and grow while gaining a deepening understanding of the role of business and economics of our society. The programs emphasize the development of effective leaders capable of analyzing values, thinking critically, communicating effectively, making sound decisions, integrating theoretical and practical knowledge, exercising personal and social responsibility, appreciating the value of lifelong learning and understanding business and its many positive contributions to a global society.

The curriculum is organized to give students a knowledge of business practices and economic processes; the part played by business and economics in historical development; and an awareness of the major business and economic concerns confronting society.

The Breech School of Business Administration offers lower division courses which contribute to the liberal education of the student, whatever the area of concentration may be. Programs of major study are offered in business administration, accounting, economics, international business and computer information systems/e-commerce.

### Learning Objectives

**Values.** Students learn to understand the difference between positive and normative analysis. They are also capable of recognizing an ethical quandary. Students should be able to take a position and defend it. They should be capable of creating integrative solutions, where possible. In addition, students should be aware of the wide diversity of perspectives and values. When confronted with an argument or policy position, they should be able to evaluate the soundness of that argument.

**Teamwork.** Students should demonstrate the ability to effectively participate, wherever appropriate, in a variety of teamwork and collaborative learning experiences such as case analysis and presentation, simulations, role plays and group research. As team members students should demonstrate basic management and facilitation skills including effective goal setting and problem solving.

**Autonomy.** Each student will be able to complete and present an effective analysis of a business problem. The student should demonstrate the ability to recognize and accept the tension inherent at times between teamwork and autonomy, and to defend the rationale for acting autonomously. Each student should also accept the responsibility for personal and professional development, including an appreciation of learning as a lifelong process.

**Global Perspective.** Students will be able to recognize, understand, evaluate, appreciate and tolerate a diversity of global perspectives including differences in culture, business practices, economic systems, trade agreements, criteria for success, feeling for well-being of ourselves and others, accounting practices, management theory and competition.

**Communication.** Students will be able to listen, read, speak and write effectively.

**Critical Thinking.** Students will develop critical and analytical thinking skills. These skills should include the ability to solve problems that involve both quantitative and qualitative factors. Students should be aware of current social, economic and political issues, especially those relating to the social responsibility of business.

## Admission Policy

Official admission to the Breech School of Business Administration is required\* to enroll in any upper-division course (numbered 300/400/500) with prefixes of ACCT, BADM, ECON.

To be admitted to Breech School of Business Administration, a student must:

- Be officially admitted to Drury University
- Complete a formal application to the Breech School of Business Administration declaring the major, minor, or special program that the student intends to pursue
- Have completed at least 42 hours of college level credit, including a minimum of 12 credit hours at Drury University
- Have completed all of the following preparatory courses (or their transfer equivalents) with a minimum grade of C in each of the following courses:
  - ACCT 209 Principles of Accounting
  - MATH 227 Statistics
  - MATH 203 Math and Inquiry or MATH 231 Calculus
  - BADM 228 Analytical Methods
  - GLST 201 Global Awareness or 3 hours from GP21 Values Inquiry menu
  - ECON 201 Basic Economic Theory
- Have an overall cumulative GPA of 2.75

\* **Probationary Admission.** A student not achieving the 2.75 overall GPA OR not achieving the required grades of C in the preparatory courses listed above may be granted one semester of probationary admission to the Breech School. During this semester, the student may enroll in a maximum of 6 hours of upper-division Breech School coursework. During this probationary semester, the student will be expected to meet all requirements for full admission by raising the cumulative grade GPA or by retaking any preparatory courses in which a grade of C or higher was not attained. Probationary admission cannot be granted to a student not achieving the required GPA AND a minimum grade of C in the specified preparatory courses.

**Notification of Admission.** Students will be notified in writing of their admission to the Breech School of Business Administration

**Students in other than Breech School Majors/Minors.** Students who must enroll in a Breech School 300/400 level offering to fulfill requirements of a program NOT offered through the Breech School of Business Administration will be exempt from this admission policy, but may be asked to identify their need for the upper-division course offering which, in most cases, would be a Selected Topic.

## Economics Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ACCT 209	Principles of Accounting	
BADM 170	Computer Applications and Tools	3 hrs.
BADM 422	Corporate Policy and Responsibility	3 hrs.
ECON 201	Basic Economic Theory	4 hrs.
ECON 311	Price Theory	4 hrs.
ECON 312	Aggregate Economic Analysis	4 hrs.
Choose one of the following:		3 hrs.
BADM 228	Analytical Methods	
ECON 375	Econometrics	
Choose one of the following:		3 hrs.
MATH 227	Introduction to Statistics	
ECON 214	Applied Statistics	
Choose one of the following:		3-4 hrs.
MATH 203	Mathematics and Inquiry	
MATH 231	Calculus I	
Choose four of the following:		12 hrs.
ECON 302	Labor Economics and Industrial Relations	
ECON 321	Comparative Economic Systems	
ECON 325	Environmental Economics	
ECON 332	Economics of Money and Banking	
ECON 335	Poverty and Discrimination	

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ECON 435	Public Finance
ECON 451	Competition and Monopoly in American Industry
ECON 461	International Economics
ECON 475	History of Economic Thought
ECON 482	Economic Development
ECON 390, 490	Selected Topics
ECON 391, 392, 491, 492	Research
ECON 397, 398, 497, 498	Internship

## Economics Minor:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

ECON 201	Basic Economic Theory	4 hrs.
ECON 311	Price Theory	4 hrs.
ECON 312	Aggregate Economic Analysis	4 hrs.
Choose two of the following:		6 hrs.
ECON 302	Labor Economics and Industrial Relations	
ECON 321	Comparative Economic Systems	
ECON 325	Environmental Economics	
ECON 332	The Economics of Money and Banking	
ECON 335	Poverty and Discrimination	
ECON 375	Econometrics	
ECON 435	Public Finance	
ECON 451	Competition and Monopoly in American Industry	
ECON 461	International Economics	
ECON 475	History of Economic Thought	
ECON 482	Economic Development	
ECON 390, 490	Selected Topics	
ECON 391, 392, 491, 492	Research	
ECON 397, 398, 497, 498	Internship	

The faculty of the Breech School reserve the right to modify the above program and degree requirements at any time.

## Course Descriptions:

### ACCT 209 Principles of Accounting. 3 hours.

*Prerequisite: MATH 203 or equivalent or permission of instructor.* Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures: receivables, inventories and fixed assets.

### BADM 170 Computer Applications and Tools. 3 hours.

This course is intended to provide students with a thorough understanding of critical business productivity tools. Utilizing lectures, hands-on exercises, cases and projects, students will be taught advanced word-processing, spreadsheet and presentation skills. Students will also be introduced to database query tools, group collaboration, network connection, web page building and statistical applications. The integration of these tools will be emphasized throughout the course.

### BADM 228 Analytical Methods. 3 hours. Prerequisite:

*Knowledge of algebra. MATH 227 or ECON 214 or equivalent. BADM 170.* Study of common techniques for quantitative analysis and decision making including probability distributions, forecasting models, multivariate correlation and regression, linear programming, queuing analysis and simulation. Team and individual research and problem solving, report writing and oral presentations. Critical evaluation of

assumptions in decision making including qualitative considerations.

### BADM 422 Corporate Policy and Responsibility. 3 hours. Prerequisite: Senior standing.

*BADM 301, 337, 431, ECON 311, 312, or permission of instructor.* Study of the roles, responsibilities and challenges of business in modern global society. Case analyses and research discussed in seminar format. Emphasis upon critical thinking, effective communication and development of socially responsible business leadership.

### ECON 201 Basic Economic Theory. 4 hours.

*Prerequisite: Math 109 or equivalent or permission of instructor.* Students will be introduced to the way market economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

### ECON 214 Applied Statistics. 3 hours.

*Prerequisite: MATH 109 or equivalent, BADM 170 or equivalent, or permission of instructor.* Study of fundamental statistical techniques and applications in business and economics including the collection, organization and presentation of data; measures of central tendency and dispersion; probability rules and distributions; sampling distribution and sampling

methods; hypothesis testing and chi square applications; simple correlation and regression; index numbers. Individual and team research projects, written and oral reports. Consideration of ethical issues in the field of statistics. Computer lab assignments.

**ECON 302 Labor Economics and Industrial Relations. 3 hours.** *Prerequisite:* ECON 201. Historical development of the labor movement. Structure and governance of unions. Wage theory.

**ECON 311 Price Theory. 4 hours.** *Prerequisite:* ECON 201, *knowledge of algebra.* Students will use economic models to explore how free markets can lead to the most efficient use of society's scarce resources. The problems posed by monopoly and other forms of market failure will be analyzed along with other real-world issues.

**ECON 312 Aggregate Economic Analysis. 4 hours.** *Prerequisite:* ECON 201, *knowledge of algebra.* Students will trace the historical development of contemporary macroeconomic analysis and use economic models to evaluate the impact of monetary and fiscal policies on the level of employment, output and prices in capitalist economies. The debate surrounding the appropriate role of government in promoting full employment and price stability is given emphasis.

**ECON 321 Comparative Economic Systems. 3 hours.** *Prerequisite:* ECON 311, 312 or *permission of instructor.* An analytical comparison of the world's major economic systems: capitalism, socialism, communism and fascism. Attention will be given to specific economies, such as those of Soviet Russia, China, India, Sweden, France and the United States.

**ECON 325 Environmental Economics. 3 hours.** *Prerequisite:* ECON 201 or *equivalent.* This interdisciplinary course involves the use of economic principles and various ethical perspectives to analyze contemporary environmental issues. The links between economic growth and population growth and the impact of growth on natural resource depletion and various types of environmental pollution are explored. Same as ENVR 325.

**ECON 332 Economics of Money and Banking. 3 hours.** *Prerequisite:* ECON 312 or *permission of instructor.* A study of the American monetary and banking system, the functions and composition of money and their influence on economic activity.

**ECON 335 Poverty and Discrimination. 3 hours.** *Prerequisite:* ECON 201 or *permission of instructor.* Extent of poverty and income inequality in U.S. economy is described. Various theories which attempt to explain causes of poverty and inequality are discussed. Existing antipoverty programs are analyzed as are proposals for policy changes.

**ECON 375 Econometrics. 3 hours.** *Prerequisite:* MATH 227, 231, ECON 311, 312. The tools of economic theory, mathematics and statistics are applied to the analysis of economic issues and problems.

**ECON 435 Public Finance. 3 hours.** *Prerequisite:* ECON 311, 312 or *permission of instructor.* A study of federal, state and local taxes. The problems of taxation will be

approached both from the viewpoint of the needs of the government and the economic implications to business and industry and to society.

**ECON 451 Competition and Monopoly in American Industry. 3 hours.** *Prerequisite:* ECON 311, 312 or *permission of instructor.* An analysis of the operation of a competitive market and public policies directed toward its maintenance or modification. The economic advantages and disadvantages of corporate concentration, the relationship of the size of the firm to innovation and efficiency and the degrees of competition are explored as a basis for policy actions.

**ECON 461 International Economics. 3 hours.** *Prerequisite:* ECON 311 or *permission of instructor.* Basic theory and problems of international trade. Monetary and exchange problems in relations between countries. The gold standard and managed paper currencies.

**ECON 475 History of Economic Thought. 3 hours.** *Prerequisite:* ECON 201 or *permission of instructor.* Designed to acquaint students with the evolution of economics as a social science. Study of the concepts and writings of those who have influenced the development of economic thought. Includes analysis of the relationships among various concepts, topics and individuals as well as study of particular streams of thought.

**ECON 482 Economic Development. 3 hours.** *Prerequisite:* ECON 201 or *permission of instructor.* A survey of development theories and economic development issues including development strategies, the role of the government, primary product exports, import substitution, industrialization, agricultural development and the possibility of conflict between social goals and economic growth.

**ECON 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**ECON 291, 292, 391, 392, 491, 492 Research.** See page 34.

**ECON 397, 398, 497, 498 Internship.** See page 34.

**MATH 203 Mathematics and Inquiry. 3 hours.** In this course, students will develop quantitative and abstract reasoning abilities necessary to solve complex problems. Literacy in mathematics is developed, with concepts and skills from such areas as algebra, trigonometry, calculus, probability, statistics and computer science. This course will address critical thinking and problem-solving skills, not simply numerical manipulations related to a single subdiscipline of mathematics. Emphasis will be placed on defining and setting up problems; understanding the steps required to solve various types of problems; understanding the factual information and quantitative abilities required for problem solving; and understanding how necessary information can be obtained from text material, resource individuals and computer resources.

**MATH 227 Introduction to Statistics. 3 hours.** *Prerequisite:* MATH 100 or *equivalent.* A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation

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and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

**MATH 231 Calculus I. 4 hours.** *Prerequisite: MATH 109 and 110 or equivalent.* A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

# E ducation

## School of Education and Child Development

Daniel R. Beach, director

The university offers programs for the preparation of both elementary and secondary teachers. Students intending to prepare for teaching should request from the School of Education and Child Development a booklet entitled "Certification Requirements and Program Information."

The professional preparation of teachers at Drury University is grounded not only in the academic disciplines, but also in a partnership with public schools. As part of the professional preparation of teachers, students participate in a series of clinical experiences which may begin as early as the freshman year and conclude in the senior year. Clinical experiences include teacher aiding in the public schools, field experiences related to areas of specialization, reading practica and student teaching. These experiences provide opportunities for Drury students to gain practical experiences working with special needs children as well as a wide variety of socioeconomic, cultural and ethnic groups.

The mission of Drury University teacher preparation program is to:

- develop liberally educated professionals with a disposition to make informed, reflective decisions;
- help others learn; and
- add value to the lives of children in a rapidly changing global society.

At Drury University we seek to prepare teachers who go beyond technical competence of "what works." We strive to nurture a disposition and personal commitment which calls for teachers to be reflective, thinking practitioners who have a vision of schools as places of energy, learning, creativity, commitment and decency for all children.

The moral and ethical insights of teaching are caught as well as taught and these understandings are enculturated throughout the experiences related to the teacher education program. The opportunity to associate with other students and faculty through activities such as the School Development Program, Drury Student Teachers' Association, Kappa Delta Pi, field experiences and university courses creates a texture of moral and ethical insights and values which foster and renew a high sense of purpose and vision for the teaching profession. The School of Education and Child Development at Drury University strives to create an environment in which persons identify with the teacher preparation program and work cooperatively to revitalize the profession.

Students preparing to enter the teacher education program must be formally admitted. Applications for admission are available in the education department. Normally such application is made when a student is enrolled in EDUC 203 American School Systems. Students may enroll for the following courses prior to formal admission to the teacher education program: EDUC 200, 201, 202, 203, 207, 302, 312 and 340. Students must be formally admitted before enrolling for additional courses in the teacher preparation program.

### Admission Requirements

The following criteria are applied in determining qualifications for admission to the teacher certification program:

- A. A cumulative grade point average of 2.75 or above. (Grade point averages will be completed on all work, passes and fails, completed at Drury University or transferred to Drury at the time of application for admission to the teacher education program.) Minimum of thirty semester hours.
- B. Students must demonstrate evidence of academic competency prior to admission to the teacher education program. Evidence of academic competence will be determined on the basis of the following criteria:

1. Qualifying scores (235 or higher) for all subsections and the composite of the College BASE examination administered by the Missouri Department of Elementary and Secondary Education.
2. Post-baccalaureate degree students who seek admission to the teacher certification program for secondary education (e.g., teachers of English or social studies) must pass the Praxis II Subject Area Specialty Test.
3. Students with physically handicapping conditions which prevent valid testing for basic educational competencies will be evaluated through appropriate testing instruments and/or procedures by psychometrists designed or approved by the director of teacher education to meet the individual needs of the handicapped student.
- C. Evidence of competency in written and oral communications.
  1. Grades of C or higher in communication or speech course.
  2. Grades of C or higher in two writing composition courses.
  3. Evaluation of Drury University faculty when appropriate.
- D. General evaluation of suitability for teaching from the student's academic advisor, chair of the department in which the student has chosen to major, the director of teacher education and/or such other faculty as considered appropriate in special cases.
- E. A review of health problems which might affect a student's performance in teaching.
- F. Criminal Background Check: A criminal background check will be conducted with the Missouri Highway Patrol for felony convictions and the Missouri Division of Family Services for sexual abuse and family violence reports on each applicant to the teacher certification program.
- G. Effective June 1, 2002, students seeking admission to the initial certification program shall submit a portfolio which organizes and demonstrates their knowledge, skills and dispositions for effective teaching.

Permission to enter professional education methods courses will normally not be granted until the student's application for admission to the teacher certification program has been approved.

## Student Teaching Requirements

Applications for student teaching are normally made no later than:

- a. October 1, if the individual plans to register for student teaching during the spring semester, or
- b. March 1, if the individual plans to register for student teaching during the fall semester.

The following requirements must be met before a student can register for student teaching:

- A. Status of full admission to the teacher education program;
- B. All prerequisite course requirements as listed in the catalog are completed:
  1. Cumulative grade point average of at least 2.75 based on all work completed at Drury University and all work transferred to Drury University.
  2. Cumulative grade point average of at least 2.75 in courses completed to meet certification requirements in a teaching area. (A grade of C-, 1.7 grade points, cannot be applied to meet professional education or content area requirements.)
  3. In the event that a student is disapproved for student teaching based on the grade point average or a negative decision regarding his or her potential effectiveness as a teacher, he or she will be so notified in writing. If the student desires to appeal the decision, he or she may do so in writing to the director of teacher education. The appeal will be referred to the vice president of academic affairs who will appoint a committee of three faculty members with whom the applicant has had classes to make recommendations regarding this appeal.
- C. Approval by the teacher education council (acting as a committee) based on a review of the student's record indicating the completion of all course requirements, grade point average requirements, recommendations from the student's advisor and chair of the content area department and such other recommendations considered appropriate by the director of teacher education.
- D. Students applying for student teaching should expect to carry a reduced academic and employment load while participating in this important experience.
- E. Enrollment in student teaching (EDUC 476 or 478) requires a full-day placement for a minimum of eleven weeks. Student teaching carries eight hours of credit and requires a minimum of 440 clock hours.



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F. Students must pass the Subject Area Specialty Test of the Praxis II in order to complete the teacher certification program and be recommended by Drury University for Missouri Professional Certificate I. Passing the Subject Area Specialty Test of the Praxis II is not a requirement for graduation. Effective with the start of the fall 2003 semester, all students are required to register for the course EDUC 475 Review for Teacher Certification Examinations (0 hours) concurrent with enrollment to student teaching. Students who have already passed the Subject Area Specialty Test of the Praxis II are not required to enroll for EDUC 475. Students who pass the Subject Area Specialty Test of the Praxis II receive a grade of 'Satisfactory'. Students who do not pass the Praxis II must reenroll for EDUC 475. There is no charge for the course EDUC 475. S/U Grading.

### Course Descriptions:

**EDUC 200 Technology In The Classroom. 3 hours.**

This is an introductory course in educational technology. In this course the participants will explore a number of technologies that can be used in the classroom. The focus of the course will be threefold: (1) how to operate the technologies, (2) how to use technologies to enhance personal productivity, and (3) how to use technologies in a learning/instructional environment.

**EDUC 201 Teacher Aide. 1 hour.** A clinical experience taken concurrently with 203. Students determine the specific three-hour time block to be spent in public schools. Three seminars, time announced. Scheduled each semester. S/U Grading.

**EDUC 202 Technology Practicum. 1 hour.** An elective clinical experience aiding in a technology center. Three seminars. Time announced. Scheduled each semester. S/U Grading.

**EDUC 203 American School Systems. 2 hours.** Considers the historical and philosophical backgrounds of modern public education and school organization and management. Students clarify values in relation to teaching and work three hours concurrently per week with children in the public schools by enrolling concurrently in EDUC 201. Offered each semester.

**EDUC 207 Psychology of Human Growth and Development. 3 hours.** A study of the process of human development from conception through adolescence. Special emphasis is given to development during the elementary, middle/junior high, high school years. Attention is given to cognitive, emotional and physical development and their implication for the education process.

**EDUC 301 Elementary Science and Mathematics Field Experience. 1 hour.** Prerequisite: EDUC 203, 207, 302 and formal admission to teacher education. Taken concurrently with 380 or 382. A clinical experience for elementary education majors required of students prior to student teaching. Elementary education majors aide in the elementary grades in the area of science and mathematics. Three seminars. Time announced. Offered each semester.

**EDUC 302 Educational Psychology. 3 hours.** Prerequisite: EDUC 203, 207. Taken concurrently with EDUC 303. This course is designed to introduce different theories and principles of development, learning, motivation and assessment of student learning. The major emphasis in this course is on how to apply these

principles in classroom practice in both typical and multicultural settings. Normally taken in the second semester of the sophomore or junior year. Offered each semester.

**EDUC 303 Secondary Education Field Experience I. 1 hour.** Taken concurrently with EDUC 302. A clinical experience required of secondary education majors prior to enrollment in student teaching. Three seminars. Time arranged. Offered each semester.

**EDUC 304 Teaching in Diverse Classrooms. 2 hours.** Taken concurrently with EDUC 350, 364, 374, 375, 384, 442, 444, 446, or 448. A clinical experience required of secondary education majors prior to enrollment in student teaching. Secondary level education majors will aide in a subject area they plan to teach. Three seminars. Time arranged. Offered fall semester.

**EDUC 331 Methods of Teaching Reading in the Content Field. 2 hours.** Prerequisite: EDUC 203, 207, 302, and formal admission to teacher education. This course will include strategies for teaching subject matter to utilize and further develop functional reading. Methodology of teaching reading skills, vocabulary development in specific subject areas and study skills will be included.

**EDUC 338 Elementary School Curriculum. 3 hours.** Prerequisite: EDUC 203, 207, 302, and formal admission to teacher education. A course which provides the elementary school teacher with the competencies to teach art, music and social studies. Lesson planning, effective teaching techniques and evaluation of instructional outcomes are studied in a unified approach to curriculum development.

**EDUC 340 Education of the Exceptional Child. 3 hours.** Prerequisite: EDUC 203. This course surveys all areas of exceptionality. It is designed to help the prospective teacher identify and understand the problems of those who deviate from the mean.

**EDUC 356 Methods of Teaching Children's Literature. 2 hours.** Prerequisite: EDUC 203, 207, 302, and formal admission to teacher education. A study of historical and current trends with opportunity to both read extensively and explore strategies for enriching the elementary school curriculum through the use of children's literature.

**EDUC 360 Classroom Management. 3 hours.** Prerequisite: EDUC 203, 207, 302, and formal admission to teacher education. A course designed to acquaint students with concepts and techniques of behavioral intervention;

practical application of principles of behavioral intervention; practical application of principles of behavioral management techniques is emphasized.

**EDUC 380 Methods of Teaching Elementary Mathematics. 2 hours.** *Prerequisite: EDUC 203, 207, 302 and formal admission to teacher education. Taken concurrently with EDUC 301.* Basic principles of instruction and curriculum development in elementary school mathematics. Learning centers, games, diagnostic/prescriptive treatment are explored.

**EDUC 382 Methods of Teaching Elementary Science. 2 hours.** *Prerequisite: EDUC 203, 207, 302 and formal admission to teacher education. Taken concurrently with EDUC 301.* Basic principles and new trends of instruction and curriculum development in elementary school science. Unit planning, laboratory activities, evaluation strategies and science learning centers are emphasized.

**EDUC 385 Secondary School Curriculum. 3 hours.** *Prerequisite: EDUC 203, 207, 302 and formal admission to teacher education program.* Students study principles of instruction and curriculum development. They create courses, units, micro-tech and prepare learning situations utilizing different teaching strategies.

**EDUC 401 Reading Practicum. 1 hour.** *Taken concurrently with EDUC 407.* Provides the student with the opportunity to integrate reading theory and practice by working with learners in classrooms or other field settings. S/U Grading.

**EDUC 402 Reading Practicum II. 1 hour.** *Taken concurrently with EDUC 452.* A clinical experience taken concurrently with EDUC 452 that provides the student with the opportunity to utilize remedial reading teaching methods with learners experiencing difficulty learning to read. S/U Grading.

**EDUC 407 Methods of Teaching Reading—Elementary. 3 hours.** *Prerequisite: EDUC 203, 207, 302, and formal admission to teacher education. Taken concurrently with EDUC 401.* Principles and strategies for teaching elementary school reading. Introduction to emerging concepts for meeting individual differences through diagnosing differences. Foundations of reading instruction will be discussed as well as varying approaches. Application of current research findings will be included.

**EDUC 409 Methods of Teaching Language Arts—Elementary. 2 hours.** *Prerequisite: EDUC 203, 207, 302, and formal admission to teacher education.* Basic principles and new trends of instruction for development of oral language, writing and spelling skills at the elementary school level.

**EDUC 452 Correction of Reading Problems. 3 hours.** *Prerequisite: EDUC 407.* Taken concurrently with EDUC 402. A presentation of remedial methods of teaching reading to elementary and secondary school students who exhibit reading difficulty with emphasis on recent research, on diagnostic and prescriptive teaching strategies.

**EDUC 455 Correction of Disabilities in Mathematics. 3 hours.** A presentation of methods of teaching remedial mathematics to elementary and

secondary school students who exhibit difficulty with mathematics with emphasis on recent research, diagnosis and prescriptive teaching strategies.

**EDUC 475 Review for Teacher Certification Examinations. 0 hours.** *Prerequisite: Admitted to the teacher certification program. Taken concurrently with EDUC 476 or 478.* A course designed to review and synthesize the skills and content knowledge related to the various fields of teacher certification including analysis and techniques for solving problems on teacher certification examinations. Scheduled each semester and summer session. S/U grading.

**EDUC 476 Student Teaching on the Elementary School Level. 3-8 hours.** *Prerequisite: Approval of the Teacher Education Council. Taken concurrently with EDUC 475.* Observation and supervised practice teaching at the elementary school level. Students are normally required to complete eight hours of student teaching. Student teaching is completed only during the fall or spring semester. All methods courses must be completed prior to the beginning of student teaching.

**EDUC 478 Student Teaching on the Secondary School Level. 3-8 hours.** *Prerequisite: Approval of the Teacher Education Council. Taken concurrently with EDUC 475.* Observation and supervised practice teaching at the secondary school level. Students are normally required to complete eight hours of student teaching. Student teaching is completed only during the fall or spring semester. All methods courses must be completed prior to the beginning of student teaching.

**EDUC 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**EDUC 291, 292, 391, 392, 491, 492 Research.** See page 34.

## Methods Courses Related to Specific Teaching Areas

**EDUC 312 Methods of Teaching Elementary Health and Physical Education. 3 hours.** A study of the various methods and materials used in the teaching of health in the elementary and secondary schools. This course fulfills the requirement for a course in health and physical education for elementary education majors. Same as EXSP 312.

**EDUC 350 Methods of Teaching the Biological and Physical Sciences. 3 hours.** *Prerequisite: EDUC 203, 207 and 302. Must be taken prior to student teaching. Take concurrently with EDUC 304.* A course adapted to the needs of those preparing to teach the natural sciences in the public school. Offered fall semester.

**EDUC 364 Methods of Teaching Art K-12. 2 hours.** *Prerequisite: EDUC 203, 207 and 302. Must be taken prior to student teaching. Taken concurrently with EDUC 304.* The course covers problems of technical instruction and the education philosophy of school art. Offered to art majors preparing for K-12 art certification. Offered fall semester.

**EDUC 374 Elementary and Secondary Music Methods. 4 hours.** *Music Majors only. Prerequisite: EDUC 203, 207, 302, MUSC 117, 118. Taken concurrently*

## 3-2 Engineering Dual-Degree Program

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*with EDUC 304.* This course will deal with philosophical ideals and practical application of those ideals in the elementary and secondary music program. Students will be exposed to various methods including Orff, Kodaly, Suzuki and Dalcroze. Students will develop the skills necessary for preschool and elementary music teaching and will review current material and approaches. Emphasis will also be placed on both performance and nonperformance courses and will include studies of the high school musical, theory class and general music appreciation class. Some practical observation will be required. Same as MUSC 374.

**EDUC 375 Speech/Theatre Methods. 2 hours.** *Prerequisite: EDUC 203, 207 and 302. Must be taken prior to student teaching.* Discussion of methods and materials for teaching speech and dramatic art in the secondary school. *Offered fall semester.* Taken concurrently with EDUC 304.

**EDUC 384 Methods of Teaching Secondary Social Studies and Economics. 2 hours.** *Prerequisite: EDUC 203, 207 and 302. Required prior to student teaching. Taken concurrently with EDUC 304.* A methods course which prepares students to teach secondary social studies. Course will include a study of the social studies curriculum at all levels, lesson planning, simulation games, value clarification, inquiry approach to teaching, materials and textbooks. *Offered fall semester.*

**EDUC 442 Methods of Teaching Modern Foreign**

**Languages. 2 hours.** *Prerequisite: EDUC 203, 207, 302. Must be taken prior to student teaching. Taken concurrently with EDUC 304.* For French, Spanish, or German majors intending to teach in secondary schools; practical applications of techniques and methods. *Offered fall semester.*

**EDUC 444 Methods of Teaching Secondary Journalism. 2 hours.** *Prerequisite: EDUC 203, 207 and 302. Must be taken prior to student teaching. Taken concurrently with EDUC 304.* A course designed to meet the needs of persons preparing to teach journalism at the secondary school level; practical applications of techniques and methods. *Offered fall semester.*

**EDUC 446 Methods of Teaching Secondary English. 2 hours.** *Prerequisite: EDUC 203, 207 and 302. Must be taken prior to student teaching. Taken concurrently with EDUC 304.* Units related to methods of teaching the novel, poetry, short story and a unit on methods of teaching writing and grammar will be included. Teaching of writing unit fulfills one semester hour credit toward completion requirement for certification in English. *Offered fall semester.*

**EDUC 448 Methods of Teaching Secondary Mathematics. 2 hours.** *Prerequisite: EDUC 203, 207 and 302. Must be taken prior to student teaching. Taken concurrently with EDUC 304.* Principles of presenting mathematical concepts to high school students, curriculum trends, general instructional methodology. *Offered fall semester.*

## 3-2 Engineering Dual-Degree Program

Bruce W. Callen, director

Drury University cooperates with both Washington University and the University of Missouri-Columbia in Dual Degree programs leading to undergraduate degrees in a liberal arts major and in engineering. Participants commonly following either a '3-2' or '4-2' schedule, entering the engineering school after their junior or senior year at Drury. (Students who follow a 4-2 schedule must apply no later than one year after graduation.) Those who meet the admissions requirements should be able to earn both a Drury degree and an engineering degree with four semesters of study after Drury.

Dual Degree study is an attractive alternative to traditional engineering curricula, which are often highly structured and require longer than four years to complete. Graduates of Dual Degree programs are liberally educated engineers, possessing strong communication and problem-solving skills, a broad background in humanities, social sciences and the global environment as well as a quality technical education. They are well prepared to advance in technical management and to play major roles in solving increasingly complex societal problems.

Students must complete four core classes in chemistry and physics and four core classes in math. Each program requires a liberal arts background (typically completed by Drury students in their junior year), as well as electives to complete a major. Those who enter at the end of their junior year must apply for a waiver of the senior residency requirement and typically transfer credit back to Drury to fulfill the 124 hours needed for graduation.

Students must also meet Drury's requirements for entry to pre-professional programs (see page 29). For admission to Washington University, a GPA of 3.0 or higher is required. University of Missouri-Columbia requires a 2.0 GPA. Students who have completed the prerequisite courses, meet the GPA guidelines and are recommended by the Drury program director are invited to apply for engineering study at either institution. Applications should typically be submitted by March 1 for admission in the fall.

# English

## Department of English

Ken Egan, Jr., chair

The department of English offers two majors leading to a bachelor of arts degree. A student can major in either English or writing. The general requirements for the English major are listed below.

The English major provides students with a systematic approach to literature through the study of historical periods, generic forms and local literatures. The distribution requirements reflect this threefold emphasis while allowing students the flexibility to shape their major to suit their specific interests. All majors and minors must complete at least one course (three hours) in literature before 1800 from among the following: ENGL 221, 222, 337, 342 or any single author (300) class focusing on texts written before 1800.

In addition to the requirements specified below, English majors will choose at least three electives from among all departmental offerings to meet the minimum requirements of 30 hours for the major.

### English Major

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

#### Literary Periods (choose at least 3)

**9 hrs.**

The period courses address the place of literature in its cultural and historical contexts. ENGL 221, 222 and 223 study representative works of major British writers. ENGL 224 and 225 study representative works of major American writers. These courses may also consider connections with writers from other traditions. Students may fulfill the pre-1800 requirement by taking either ENGL 221 or 222.

#### British Literature (choose at least 2)

ENGL 221	Literature of the Middle Ages and Renaissance
ENGL 222	Literature of the Neoclassical and Romantic Ages
ENGL 223	Literature of the Victorian and Modern Ages

#### American Literature (choose at least 1)

ENGL 224	American Literature and Culture I: Colonial to 1865
ENGL 225	American Literature and Culture II: 1865-1980

#### Genre/Author (choose at least 1)

**3 hrs.**

These courses explore a variety of works written in a distinct genre or by a particular author.

ENGL 212	Comparative Mythology
ENGL 235	History of Film
ENGL 282	Classical and Biblical Literature
ENGL 300	Single Author
ENGL 337	Shakespeare
ENGL 346	Poetry
ENGL 349	Prose Fiction
ENGL 358	Literary Theory

#### Voices (choose at least 1)

**3 hrs.**

These courses explore texts linked by geography, race, gender, ethnicity or discourse. They raise questions about the distinctive voice of a particular community. Students may choose from these courses:

ENGL 302	Women Writers
ENGL 317	African-American Literature
ENGL 327	Living Writers
ENGL 375	Land and Literature
ENGL 381	Southern Literature

# English

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## Writing and Linguistics (choose at least 1)

3 hrs.

These courses view language from a wide variety of perspectives, including linguistic, stylistic and rhetorical. Students may choose from these courses:

ENGL 150	Composition
ENGL 205	Introduction to Linguistics
ENGL 207	Expository Writing: Art of the Essay
ENGL 208	Practicum: Tutoring in a Writing Center
ENGL 249	Nature of the English Language
ENGL 351	Grammar and Style
ENGL 370	Creative Writing I - Fiction
ENGL 371	Creative Writing I - Poetry
ENGL 373	Creative Writing I - Nonfiction
ENGL 376	Creative Writing II

## Senior Seminar or English Seminar

3-6 hrs.

## Electives

9 hrs.

*Students are encouraged to take the ENGL 393 English Seminar (6 hours), a capstone course, which may be repeated when topics vary.*

## English Minor

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

Literary Periods	6 hrs.
Genre/Author	3 hrs.
Voices	3 hrs.
Writing/Linguistics	3 hrs.
Senior Seminar	3 hrs.
Electives	3 hrs.

## Concentration Areas

The department offers the following concentration areas, each of which consists of five courses (15 credit hours):

**English major (concentration in Women's Studies):** Choose 5 courses from all literature classes cross-listed with Women's Studies.

**English major (concentration in American Literature):** Choose 5 courses from ENGL 224, 225, 317, 375, 381 and possibly 300, 327 and Selected Topics.

**English major (concentration in British Literature):** Choose 5 courses from ENGL 221, 222, 223, 337, 342 and possibly 300, 327 and Selected Topics.

The faculty invites students to design their concentration area in consultation with an advisor.

## The Writing Major

The writing major is offered by the department of English and designed to prepare students for personal creative development as well as for a wide range of professional careers. It places equal stress on creative and professional writing, preparing students to write clearly and expressively; graduates enter some of the most interesting careers open to writers, from book and magazine editors and writers to "information architects" on the web. See page 237 for more information.

## Course Descriptions

### ENGL 109 English as a Second Language: American English Pronunciation. 1 hour.

Designed for international students who wish to improve their pronunciation of American English. Focus is on consonants, vowels, word stress, sentence stress, intonation, emphasis and linking.

**ENGL 110 English as a Second Language: Oral Communications. 3 hours.** This course involves listening to lectures, note-taking skills, taking part in discussions, public speaking/presentations and

pronunciation skills.

**ENGL 111 English as a Second Language: Writing and Research. 3 hours.** This course develops college-level writing and research skills.

**ENGL 112 English as a Second Language. 3 hours.** A basic course designed to improve skills in reading and writing English for anyone whose native language is not English. Offered along with another required introductory course in humanities, this course is designed to improve English skills of speakers of other languages. Students work with the ESL instructor on all the assignments of the co-course and carry out

English instructions and study skills training in the actual context of an authentic language environment.

**ENGL 150 Composition. 3 hours.** Writing course designed to develop students' abilities to write in a variety of modes for a wide range of purposes. Same as COMM 150.

**ENGL 205 Introduction to Linguistics. 3 hours.** This course is an introduction to the science of language. Special emphasis will be given to the study of syntax, phonology and socio-linguistics. (Meets Human Behavior)

**ENGL 207 Expository Writing: Art of the Essay. 3 hours.** *Prerequisite: ENGL 150 or permission of instructor.* Theory of expository writing; practice in writing nonfiction, including writing a research paper, with clarity and conciseness. Same as COMM 207. (Meets Creativity Explored)

**ENGL 208 Practicum: Tutoring in a Writing Center. 1 hour.** *Prerequisite: ENGL 207.* Students work in a tutorial setting two hours per week and meet one hour per week to discuss assigned readings in composition studies. S/U grading only.

**ENGL 212 Comparative Mythology. 3 hours.** A study of mythic literature in ancient, medieval and contemporary cultures, with close attention to the archetypal codes revealed in all mythologies. (Meets Artifacts of Western Culture)

**ENGL 215 Humanities I. 3 hours.** Provides a foundation for understanding the development of western culture. Significant literary, philosophical and religious texts written from ancient times to the end of the 16th century will be studied, which will likely include Plato, Sappho, the Greek tragedians, selections from the Old and New Testaments and the Koran, Marie de France, Dante and others. (Meets Ideas and Events of Western History)

**ENGL 216 Humanities II. 3 hours.** Provides a foundation for understanding the development of western culture. Significant literary, philosophical and religious texts written from the beginning of the 17th century to the present will be studied, with special attention given to the impact of western encounters with non-western cultures. (Meets Ideas and Events of Western History)

**ENGL 221 Literature of the Middle Ages and Renaissance. 3 hours.** A study of the development of British literature from its Anglo-Saxon origins through the Tudor and Stuart periods. Writers to be studied will likely include Chaucer, the Gawain poet, Malory, More, Shakespeare, Donne, Jonson and Milton. (Meets Artifacts of Western Culture)

**ENGL 222 Literature of the Neoclassical and Romantic Ages. 3 hours.** A study of British literature from the Restoration to the beginning of the Romantic period (1660-1832). Writers to be studied will likely include Dryden, Behn, Defoe, Pope, Swift, Johnson, Austen, Blake, Coleridge, Keats and the Shelleys. (Meets Artifacts of Western Culture)

**ENGL 223 Literature of the Victorian and Modern Ages. 3 hours.** A study of British Literature of

the Victorian and Modern periods (1832-1945). The Brontës, Browning, Arnold, Hardy, Yeats, Woolf and Joyce will likely be among the writers studied. (Meets Artifacts of Western Culture)

**ENGL 224 American Literature and Culture I: Colonial to 1865. 3 hours.** This class studies the emergence of Colonial American literature and its development into a national literature immediately preceding the Civil War. (Meets Artifacts of Western Culture)

**ENGL 225 American Literature and Culture II: 1865-1980. 3 hours.** This class studies the development of American literature through Realism, Naturalism, Modernism and the period following World War II to the postmodernist crisis. (Meets Artifacts of Western Culture)

**ENGL 235 The History of Film. 3 hours.** A survey of major international and American film accomplishments beginning with Griffith and Chaplin and continuing through contemporary directors such as Bergman, Fellini and Allen. Some attention will be given to film technique, theory and analysis. Same as THTR 235 and COMM 235.

**ENGL 238 Japanese Film and Drama. 3 hours.** Viewing of videotapes of modern film classics from 1950 to 1970: Mizoguchi, Kurasawa, Ozu and others, supplemented by filmed interviews and critical studies. Investigation of traditional drama: Noh, Kabuki, Bunraku, dance and modernizations thereof. Same as THTR 238.

**ENGL 249 Nature of the English Language. 3 hours.** A diachronic study of the English language. Special attention is given to the development of the English language from its Anglo-Saxon origins to the present and to the varieties of English spoken in contemporary American society.

**ENGL 251 Editing and Publishing. 3 hours.** A practical course devoted to publishing and editing in both print and electronic media.

**ENGL 282 Classical and Biblical Literature. 3 hours.** A study of representative works of literature from ancient cultures. (Meets Artifacts of Western Culture)

**ENGL 300 Single Authors. 3 hours.** An in-depth study of a single author's literary work. Different authors will be studied. May be repeated when authors vary.

**ENGL 302 Women Writers. 3 hours.** A study of British and American literary works written by women. Particular consideration will be given to feminist modes of inquiry and critical thought as well as to the contributions of women in literary scholarship.

**ENGL 317 African-American Literature. 3 hours.** The backgrounds of African-American culture in African and Caribbean literatures, as well as the history of black American literature in the 19th and 20th centuries, with focus on the contemporary scene. (Meets Minorities and Indigenous Cultures)

**ENGL 327 Living Writers. 3 hours.** An investigation into trends in recent literature, written in or translated into English. Texts will date from about 1980 and later.

**ENGL 330 Dangerous Liaisons: French Literature in Translation. 3 hours.** A survey of French writers such as Corneille, Beaumarchais, Balzac, Breton and Sartre and an investigation of literary movements: the enlightenment, realism, romanticism, symbolism, surrealism and the nouveau Roman. The course is conducted in English; no previous knowledge of a foreign language is necessary. Same as FREN 330. (Meets Artifacts of Western Culture)

**ENGL 336 Image and Text. 3 hours.** *Prerequisite:* ARTS 260. A course which provides an opportunity for the exploration of parallels as subject matter is dealt with both textually and visually. The course will include possible combinations of photography, alternative media, poetry, prose and bookbinding. (Meets Creativity Explored)

**ENGL 337 Shakespeare. 3 hours.** A study of the major themes in the plays and poetry of William Shakespeare within their Elizabethan context. Same as THTR 337.

**ENGL 338 Modern Drama. 3 hours.** Major dramatists from Ibsen to Beckett. Liberal use of recordings, live productions, videotapes will be made. Same as THTR 338.

**ENGL 339 Asian-American Literature. 3 hours.** Designed to explore cultural perspectives mainly through Asian-American literature in the context of American experience. Representative works and writers are from both sides of the Pacific, including *Tao Te Ching*, Benjamin Hoff, Frank Chin, Shawn Wong, Zhuang Tze, Amy Tan, Kingston, Lu Hsun, Lydia Minatoya, Julie Shigekuni and Bill Holm. (Meets Minorities and Indigenous Cultures)

**ENGL 340 History of Theatre: Origins to Renaissance. 3 hours.** *Prerequisite:* GLST 101 or 102 or permission of instructor. A study of the origins and development of the western theatre from the classical Greek through the Renaissance. Emphasis placed on the development of dramatic forms through the reading of plays, the evolution of theatre architecture and the development of trends and standards in the western theatre. Same as THTR 340. (Meets Artifacts of Western Culture)

**ENGL 341 History of Theatre: Renaissance to Romanticism. 3 hours.** *Prerequisite:* GLST 101 or 102 or permission of instructor. A study of western theatre development from the 17th century to mid-19th century. Emphasis is placed on literature, architecture and production styles of these historical periods. Same as THTR 341. (Meets Artifacts of Western Culture)

**ENGL 342 Shakespeare and Ethics. 3 hours.** Students read Shakespeare's plays as studies of ethical behavior in order to understand the range of ethical responses, the limits of various ethical models. (Meets Values Inquiry)

**ENGL 343 History of Theatre: Realism to Contemporary. 3 hours.** *Prerequisite:* GLST 101 or 102 or permission of instructor. A study of the development of western theatre from 1870 to the present. Emphasis is placed on the literature, architecture and development of production styles in modern theatre. Same as THTR 343. (Meets Artifacts of Western Culture)

**ENGL 346 Poetry. 3 hours.** A study of variations of the poetic form with special focus upon the contemporary

scene.

**ENGL 349 Prose Fiction. 3 hours.** A study of short fiction and the novel under formal and developmental aspects.

**ENGL 351 Grammar and Style. 3 hours.** This course introduces students to modern English grammar and usage. It acquaints students with models of understanding and teaching grammar and with opportunities for experimenting with a variety of styles.

**ENGL 352 Semantics. 3 hours.** The development and changes of meanings of speech forms, the relations between referents and referends, emphasizing the history and changes in the meanings of words.

**ENGL 358 Literary Theory. 3 hours.** Essays of major theorists and critics of the western literary tradition and application of these critical methods to selected literary works.

**ENGL 370 Creative Writing I—Fiction. 3 hours.** *Prerequisite:* ENGL 207 or permission of instructor. Techniques for and practice in writing fiction, poetry, drama. Focus on student workshops. Same as COMM 370. (Meets Creativity Explored)

**ENGL 371 Creative Writing I—Poetry. 3 hours.** Techniques for and practice in writing poetry. Same as COMM 371. (Meets Creativity Explored)

**ENGL 373 Creative Writing I - Nonfiction. 3 hours.** *Prerequisite:* ENGL 207. A course in different kinds of nonfiction writing, with a practical emphasis aimed at preparing apprentice writers to publish their work as they become familiar with a wide range of publications. (Meets Creativity Explored)

**ENGL 375 Land and Literature. 3 hours.** Literature of the American West studied from both literary and environmental perspectives.

**ENGL 376 Creative Writing II. 3 hours.** *Prerequisite:* ENGL 370 or 371 or permission of instructor. Students will be required to submit a minimum of 10,000 words of prose fiction. Form will be a matter of individual choice. Class time will be devoted to writing, reading other students' work, and providing constructive criticism. Same as COMM 376. (Meets Creativity Explored)

**ENGL 381 Southern Literature. 3 hours.** Literature of the southern American states in the context of the South's characteristic cultural identity.

**ENGL 393 English Seminar. 6 hours.** An intensive seminar course for advanced English students to work on a variety of projects organized around a literary theme, genre, period or author. May be repeated when topics vary.

**ENGL 493 Senior Seminar. 3 hours.** Investigation of selected topics in English literary history.

**ENGL 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**ENGL 291, 292, 391, 392, 491, 492 Research.** See page 34.

**ENGL 397, 398, 497, 498 Internship.** See page 34.

# Environmental Studies

## Department of Environmental Studies

Stephen R. Jones, chair

The department of environmental studies offers two majors leading to the bachelor of arts degree: environmental studies and environmental science. A minor is also offered in environmental studies. Both majors combine a unique structure with exciting opportunities for research and internships. Courses are designed to provide a basis for understanding the scientific, economic, political, social and ethical dimensions of environmental issues. Both tracks are preparatory for graduate studies and careers in public policy, environmental health, conservation, education, resource management, environmental law and applied ecology.

The environmental science major embraces a strong scientific core and thus provides the strong technical foundation often necessary for graduate school and the environmental profession. The environmental studies major is a less technical, but more interdisciplinary, option for students with a general interest in environmental knowledge or those pursuing nontechnical environmental careers.

Both environmental majors require a second departmental major as an area of specialization.

### Environmental Studies Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ENVR 200	Environmental Geoscience	4 hrs.
ENVR 201	Environmental Chemistry	4 hrs.
ENVR 300	GIS and Remote Sensing	3 hrs.
ENVR 309	Global Environmental Politics	3 hrs.
ENVR 312	Principles of Environmental Biology	4 hrs.
ENVR 313	Resource Management	3 hrs.
ENVR 315	Environmental Laws and Regulations	3 hrs.
ENVR 320	Environmental Ethics	3 hrs.
ENVR 325	Environmental Economics	3 hrs.
Choose one of the following:		3 hrs.
ENVR 391, 392, 491, 492	Research	
ENVR 397, 398, 497, 498	Internship	

Choose electives in consultation with the environmental studies advisor  
 Plus an additional departmental major.

### Environmental Science Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ENVR 200	Environmental Geoscience	4 hrs.
ENVR 201	Environmental Chemistry	4 hrs.
ENVR 300	GIS & Remote Sensing	3 hrs.
ENVR 312	Environmental Biology	4 hrs.
ENVR 313	Resource Management	3 hrs.
Choose two of the following ENVR policy courses:		6 hrs.
ENVR 309	Global Environmental Politics	
ENVR 315	Environmental Law and Regulations	
ENVR 320	Environmental Ethics	
ENVR 325	Environmental Economics	

Choose 4 elective hours in Chemistry (200 level or above) 4 hrs.

Choose 4 elective hours in Field Studies or Biology 4 hrs.

Additional ENVR (or approved) Elective Hours 1-3 hrs.

Research or Internship 1-3 hrs.

Plus an additional department major from the science division.



# Environmental Studies

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## Environmental Studies Minor:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

**Science majors** fulfill the minor in environmental studies by taking the following courses:

ENVR 309	Global Environmental Politics	3 hrs.
ENVR 312	Principles of Environmental Biology	4 hrs.
ENVR 315	Environmental Laws and Regulations	3 hrs.
ENVR 320	Environmental Ethics	3 hrs.
ENVR 325	Environmental Economics	3 hrs.

Choose 5 additional environmental hours selected in consultation with the ENVR advisor.

**Non-science** students fulfill the minor in environmental studies by taking the following courses:

ENVR 200	Environmental Geoscience	4 hrs.
ENVR 201	Environmental Chemistry	4 hrs.
ENVR 300	GIS and Remote Sensing	3 hrs.
ENVR 312	Principles of Environmental Biology	4 hrs.
ENVR 313	Resource Management	3 hrs.

Choose 3 additional environmental hours selected in consultation with the ENVR advisor.

Applied statistics is strongly recommended for all minors.

*Students pursuing graduate studies or aspiring to enter the environmental profession are strongly encouraged to take calculus, statistics, organic chemistry and physics.*

## Course Descriptions

**ENVR 200 Environmental Geoscience. 4 hours.** A study of the interrelationship between humans and the physical environment. The course will focus on natural resources, soils, hydrology and water supplies, erosional processes, karst landscapes, land use planning and geologic map interpretation. Includes laboratory. Field work required. Same as GEOG 200, PHYS 200.

**ENVR 201 Environmental Chemistry. 4 hours.**  
*Prerequisite: general education science course, or CHEM 107 and 108.* A course with a topics based approach to the chemistry of the environment. Students in this course are expected to have some knowledge of chemistry and a desire to apply this knowledge to the environment. Topics of interest include environmental chemistry of water, water pollution, water treatment, geochemistry, atmospheric chemistry, air pollution, hazardous materials and resources. Three lectures and one lab period. Same as CHEM 201.

**ENVR 300 GIS and Remote Sensing. 3 hours.** Remote Sensing concepts and methods including multispectral image analysis and acquisition, radar imaging, satellite and airborne remote sensing systems, digital image analysis, the electromagnetic spectrum and its interaction with matter, use of global positioning system equipment. Geographic Information Systems (GIS) exercises applied throughout the course. Same as PHYS 300 and GEOG 300.

**ENVR 309 Global Environmental Politics. 3 hours.** Examination of the politics of environmental issues, including air and water pollution, hazardous waste, solid waste disposal, ozone depletion, global warming and alternative energy systems; emphasis on political interactions within and across nation-states in dealing with environmental problems. *Offered spring semester of even numbered years.* Same as PLSC 309.

**ENVR 312 Principles of Environmental Biology. 4 hours.** *Prerequisite: one semester of biology or the general education science course.* A study of fundamental ecological

principles and their relationship to current environmental problems. Lecture and laboratory with field work. Recommended for students from all disciplines. *Offered fall and spring semesters.* Same as BIOL 312.

**ENVR 313 Resource Management. 3 hours.** An overview of the principles involved in managing resources for sustainable community, economy and environment. Topics include global environmental problems and solutions, water quality in the Ozarks, environmental impact assessment, and local field work. Same as GEOG 313.

**ENVR 315 Environmental Laws and Regulations. 3 hours.** *Prerequisite: ENVR 312.* An introduction to hazardous waste regulations, solid waste management programs, the Clean Air Act, OSHA regulations, the Clean Water Act, environmental audits, remediation technology and issues relating to the impact of environmental laws on society. Same as PLSC 315.

**ENVR 316 Environmental Compliance. 3 hours.**  
*Prerequisite: ENVR 315 or permission of instructor.* This course will provide a 'next logical step' beyond Environmental Laws and Regulations, and focus on the practical and policy issues, as well as the varying options that may be available for compliance with those laws and regulations. It is specifically designed in addition to be of particular interest and use to those in the workplace who may currently have or may anticipate having responsibilities in the areas of environmental management and compliance issues.

**ENVR 320 Environmental Ethics. 3 hours.** This course seeks to develop a better understanding of both the factual and ethical dimensions of our current and possible future environments. Explores several contemporary approaches in environmental ethics (including: deep ecology; ecofeminism; animal rights; market efficiencies; the loss of biodiversity and responses from deontological, utilitarian and virtue ethics, etc.) and representative theoretical problems (e.g., Aldo Leopold's "land ethic"

vs. natural rights views; ecological holism vs. moral atomism; market efficiency vs. moral obligations, etc.). Using a case-study approach, students then learn to apply different ethical frameworks to several ethical choices occasioned by human interaction with the natural order. Same as PHIL 320. (Meets Values Inquiry)

**ENVR 321 Hazardous Materials. 3 hours. Prerequisite:** *One semester of college level chemistry or permission of instructor.* Provides an in-depth examination of substances classified as hazardous by various agencies and programs including the Department of Transportation, the Occupational Safety and Health Administration and the U.S. Environmental Protection Agency. The course will explore chemical emergency preparedness, risk assessment, and emergency response planning and training. This course also qualifies as providing the skills and competencies required for employer certification under OSHA's Hazardous Waste Operations and Emergency Response Rules, 29 CFR 1910.120, and National Fire Protection Association Standards, NFPA 472, for Hazardous Materials Response, Awareness Level.

**ENVR 323 Meteorology. 3 hours. Prerequisite:** *ENVR 200.* This course explores the processes that produce weather and climate patterns. Topics of study

include: earth/sun relationships, global pressure and wind systems, weather forecasting, severe storms and global climate change. Offered every other year. Same as GEOG 323.

**ENVR 325 Environmental Economics. 3 hours. Prerequisite:** *ECON 201 or equivalent.* This interdisciplinary course involves the use of economic principles and various ethical perspectives to analyze contemporary environmental issues. The impacts of population growth and economic growth on natural resource depletion and various types of environmental pollution are explored and alternative environmental policies are compared. Same as ECON 325.

**ENVR 340 Geography of Food. 3 hours.** Combines the ideas of culture and cuisine with the physical foundation of agriculture and sustainability. Same as ENVR 340.

**ENVR 290, 292, 391, 490 Selected Topics. 1-3 hours. See page 34.**

**ENVR 291, 292, 391, 392, 491, 492 Research. See page 34.**

**ENVR 397, 398, 497, 498 Internship. See page 34.**

# Exercise and Sport Science

## Department of Exercise and Sport Science

Kathy K. Carroll, chair

The department of exercise and sport science offers a core major in exercise and sport science (26 hours). Additionally, two special programs are available that offer interdisciplinary breadth in sports management and exercise physiology. It also prepares students for certification as secondary school health and physical education teachers. Minors can be obtained in exercise and sport science with a specific emphasis in either sports management or exercise physiology. Students should consult a department faculty member prior to selecting a specific program of study.

### Exercise and Sport Science Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

EXSP 216	Weight Training	1 hr.
EXSP 226	Aerobic Fitness	1 hr.
EXSP 228	Applied Statistics in Exercise and Sport Science	3 hrs.
EXSP 311	History and Principles of Exercise & Sport Science	2 hrs.
EXSP 345	Wellness and Health Promotion	3 hrs.
EXSP 350	Exercise Physiology	3 hrs.
EXSP 493	Senior Seminar: Advanced Exercise Physiology	3 hrs.
Choose 10 hours from the following:		10 hrs.
EXSP 210	American Red Cross First Aid	
EXSP 302	Principles of Human Nutrition	
EXSP 303	Kinesiology	
EXSP 317	Socio-psychological Aspects of Exercise and Sport Science	
EXSP 331	Motor Learning	
EXSP 497, 498	Internship	

### Physical Education Major:

The physical education major leads to certification for teaching grades 9-12 and students also receive a major in secondary education. Course work includes the following:

# Exercise and Sport Science

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All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

BIOL 110	Fundamentals of Cell Biology	4 hrs.
BIOL 205	Human Anatomy	3 hrs.
BIOL 206	Human Physiology	3 hrs.
EXSP 177	Dance	2 hrs.
EXSP 190	Disc Skills and Games	1 hr.
EXSP 210	American Red Cross First Aid	2 hrs.
EXSP 216	Weight Training	1 hr.
EXSP 220	Fitness for Life	2 hrs.
EXSP 226	Aerobic Fitness	1 hr.
EXSP 228	Applied Statistics in Exercise and Sport Science	3 hrs.
EXSP 303	Kinesiology	3 hrs.
EXSP 311	History and Principles of Exercise and Sport Science	2 hrs.
EXSP 315	Adaptive Physical Education	3 hrs.
EXSP 317	Socio-psychological Aspects of Exercise and Sport Science	3 hrs.
EXSP 330	Prevention and Care of Athletic Injuries	3 hrs.
EXSP 331	Motor Learning	3 hrs.
EXSP 350	Exercise Physiology	3 hrs.
EXSP 365	Methods of Teaching Secondary Physical Education	3 hrs.
EXSP 494	Senior Seminar: Physical Education	3 hrs.
Choose one of the following:		1 hr.
EXSP 109	Racquetball	
EXSP 113	Beginning Swimming	
EXSP 140	Golf	
EXSP 150	Tennis	
EXSP 160	Bowling	
EXSP 171	Badminton	
Choose one of the following:		1 hr.
EXSP 106	Beginning Basketball	
EXSP 108	Soccer	
EXSP 192	Volleyball and Walleyball	
Choose one of the following:		2 hrs.
EXSP 301	Coaching Volleyball	
EXSP 305	Coaching Football	
EXSP 306	Coaching Basketball	
EXSP 308	Coaching Baseball and Track	
EXSP 309	Coaching Swimming	

Secondary School Certification requirements in the education department must also be met.

A key aim of the exercise and sport science program is to contribute to the education of all Drury students through the medium of activity. This contribution can best be achieved through participation in a broad program of lifetime physical activities, individual and team sports.

All students are encouraged to enroll during their freshman and sophomore years in activity classes. Three credits are required for graduation from Drury. Two credits must be for EXSP 220 and one must be credit for an activity class or varsity sport participation.

**Freshman students are encouraged to enroll in EXSP 220 or in one of the physical education activity courses during their first semester at Drury.**

## Activity Courses

**EXSP 101 Varsity Participation. 1 hour.** Varsity athletes may enroll for credit for athletic participation. Limited to one semester.

**EXSP 106 Beginning Basketball. 1 hour.** Instruction in the basic skills and tactics of basketball. Students will practice skills and acquire knowledge necessary for participation as a fitness or leisure time activity.

**EXSP 108 Soccer. 1 hour.** Instruction in the basic skills and tactics of soccer. Students will practice skills and acquire knowledge necessary for participation as a fitness or leisure

time activity.

**EXSP 109 Beginning Racquetball. 1 hour.** Students will receive instruction in the basic racquetball shots and serves. The course also covers tactics, scoring, rules and etiquette. Students will practice skills and acquire knowledge necessary for participation as a fitness or leisure time activity.

**EXSP 113 Beginning Swimming. 1 hour.** The student is instructed in the basic swimming strokes including freestyle, breaststroke and backstroke. An emphasis is placed on safety and learning to be comfortable in the water.

**EXSP 140 Golf. 1 hour.** Students will receive instruction in driving, iron play, chipping, pitching and putting. The course also covers tactics, scoring, rules and etiquette. Students will practice skills and acquire knowledge necessary for participation as a fitness or leisure time activity.

**EXSP 150 Tennis. 1 hour.** Students will receive instruction in executing the basic techniques of forehand, backhand and service. The course also covers tactics, scoring, rules and etiquette. Students will practice skills and acquire knowledge necessary for participation as a fitness or leisure time activity.

**EXSP 160 Bowling. 1 hour.** Students will receive instruction in the basics of bowling delivery. The course also covers tactics, scoring, rules and etiquette. Students will practice skills and acquire knowledge necessary for participation as a fitness or leisure time activity.

**EXSP 165 Karate. 1 hour.** Students will be introduced to the basic principles of traditional Japanese Karate-do. The training includes instruction in Kihon (basic technique), Kumite (sparring with a partner) and Kata (the original forms of modern Karate).

**EXSP 168 Introduction to Yoga. 1 hour.** Introduction to basic Hatha yoga asanas (poses), Pranayama (breathing) techniques to expand body and mind awareness.

**EXSP 171 Badminton. 1 hour.** Students will receive instruction in executing the basic techniques of forehand, backhand and service. The course also covers tactics, scoring, rules and etiquette. Students will practice skills and acquire knowledge necessary for participation as a fitness or leisure time activity.

**EXSP 177 Dance. 2 hours.** Basic skills and techniques of modern exercises, with an introduction to contemporary jazz movement. Same as THTR 177.

**EXSP 190 Disc Skills and Games. 1 hour.** Students will receive instruction in the basic skills involved in disc games. The class will be introduced to a variety of disc games such as ultimate and "fof."

**EXSP 192 Volleyball/Walleyball. 1 hour.** Students will receive instruction in the basic skills and tactics of volleyball/walleyball. Students will practice skills and acquire knowledge necessary for participation as a fitness or leisure time activity.

**EXSP 193 Rock Climbing. 1 hour.** Students will receive instruction in the basic skills of rock climbing. Topics to be covered include: theoretical knowledge, technical aspects and development of the ability to evaluate critical situations in a vertical environment. (LABFEEREQUIRED)

**EXSP 204 Life Saving. 1 hour.** *Prerequisite: swimming ability as determined by instructor.* The course teaches the basic skills necessary to life guard. The course meets the American Red Cross standards for life guard certification. (LABFEEREQUIRED)

**EXSP 205 Scuba. 1 hour.** *Prerequisite: swimming ability as determined by instructor.* The course teaches the fundamental skills necessary to properly and safely enjoy participation in scuba. N.A.S.D.S. certification available. (LABFEEREQUIRED)

**EXSP 206 Intermediate Swimming. 1 hour.**

*Prerequisite: EXSP 113 or permission of instructor.* Builds on the skills taught in beginning swimming. A higher level of technical instruction.

**EXSP 207 Fitness Swimming. 1 hour.** *Prerequisite: each student needs a working knowledge of freestyle and backstroke and the endurance to swim 200 yards of each continuously.* The course emphasizes the use of swimming for physical fitness enhancement and enjoyment.

**EXSP 209 Intermediate Racquetball. 1 hour.** *Prerequisite: permission of instructor.* Builds on the skills taught in beginning racquetball. A higher level of technical instruction.

**EXSP 216 Weight Training. 1 hour.** This course introduces the basic techniques needed for developing muscular strength and endurance. Includes instruction on the use of weight machines and free weights.

**EXSP 226 Aerobic Fitness. 1 hour.** An introduction to aerobic fitness through aerobic dance. Some other forms of aerobic fitness are discussed and are included in the course content.

**EXSP 229 Social and Square Dance. 1 hour.** Instruction and participation in square dancing.

**EXSP 231 Distance Running. 2 hours.** *Prerequisite: must be able to run 30 minutes continuously. Varsity athletes must have their coach's permission.* This course is designed for the student to train for and successfully complete a half-marathon (13.1 miles). The student must complete the half-marathon in order to pass the course. A liability waiver is required. Students are responsible for all entry fees and transportation associated with participation in the half-marathon.

**EXSP 271 Ballet I. 2 hours.** Basic ballet technique in the recognized classical form. Includes barre exercises, port de bras and center floor work. Same as THTR 271.

**EXSP 276 Tap I. 2 hours.** Beginning tap steps, terminology and rhythms. Same as THTR 276.

**EXSP 288 Jazz Dance. 2 hours.** Introduces movement, rhythms and technique of dance interpreted to various forms of jazz music. Same as THTR 288.

## Theory Courses in Exercise & Sport Science

**EXSP 210 American Red Cross First Aid. 2 hours.** The Standard First Aid and Personal Safety book is used. An American Red Cross Certificate may be obtained. This course fulfills the requirements for a teacher's certificate.

**EXSP 220 Fitness for Life. 2 hours.** This course introduces students to the basic components of living a wellness lifestyle. It includes topics such as nutrition, physical fitness, substance abuse, sexually transmitted diseases and stress management. A confidential physiological screening and fitness measurements are performed to enhance course content.

**EXSP 228 Applied Statistics in Exercise and Sport Science. 3 hours.** The course contains the mathematical basis for statistics including descriptive measures, probability and hypothesis testing. Some applications in exercise and sport science will include tests, ANOVA, correlation and regression. Credit will not be given for both MATH 227 and MATH/EXSP 228. Same as MATH 228.

## Exercise and Sport Science

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**EXSP 240 Outdoor Education. 2 hours.** Fundamentals, technical skills and safety procedures of hunting, nature lore, fishing, boating and hiking.

**EXSP 301 Coaching Volleyball. 2 hours.** Methods of coaching volleyball on the high school or college level. This course includes a study of coaching philosophies, training and conditioning programs, sports psychology and organization of a volleyball program from seasonal planning to individual practice sessions.

**EXSP 302 Principles of Human Nutrition. 3 hours.** *Prerequisite: BIOL 110, CHEM 103.* A study of food as it functions to meet body needs, with emphasis on utilization, food resources, selection of adequate diets, individual, community and world health problems and diet therapy. Upper-division credit may be earned. Same as BIOL 302.

**EXSP 303 Kinesiology. 3 hours.** *Prerequisite: BIOL 110 and BIOL 205, or permission of instructor.* A study of the human machine and its processes of motor functioning. Same as BIOL 303.

**EXSP 305 Coaching of Football. 2 hours.** A study of the philosophy and techniques of coaching football in high school or college.

**EXSP 306 Coaching of Basketball. 2 hours.** A study of the philosophy and techniques of coaching basketball in high school or college.

**EXSP 308 Coaching of Baseball and Track. 2 hours.** Coaching methods used in the teaching of basic fundamentals in a baseball, track or field program. This also includes planning and organizing games, trips and track meets.

**EXSP 309 Coaching of Swimming. 2 hours.** A study of the philosophy and techniques of coaching swimming in high school and college.

**EXSP 310 First Aid Instructor. 2 hours.** *Prerequisite: current Standard First Aid and Personal Safety Certificate.* Instruction, test and practice for American Red Cross Instructor's certificate.

**EXSP 311 History and Principles of Exercise and Sport Science. 2 hours.** The history of exercise science through ancient, early modern and the present century, combined with a study of the principles now accepted as basic in this field.

**EXSP 312 Methods of Health and Physical Education. 3 hours.** A study of the various methods and materials used in the teaching of health in the elementary and secondary schools. This course fulfills the requirement for a course in health and physical education for elementary education majors. Same as EDUC 312.

**EXSP 315 Adaptive Physical Education. 3 hours.** The course presents a practical approach to providing motor activities, general physical fitness and therapeutic exercises to persons having structural, metabolic and neurological handicaps.

**EXSP 317 Socio-psychological Aspects of Exercise and Sport Science. 3 hours.** This course is designed to aid the elementary and secondary teacher in the classifying and analyzing of physical education activities according to socio-psychological aspects. The analysis will be made

from four main points of view: (1) interpretative, (2) impulsive, (3) neuromuscular, and (4) organic.

**EXSP 320, 321 Sports Officiating. 2 hours.** This course is aimed at giving the student a better understanding of the rules and duties of the officials in softball, baseball, basketball, football and volleyball. It includes practical experiences in working with intramurals and an opportunity for state certification.

**EXSP 325 Community Recreation. 3 hours.** A study of the various types of recreation centers and activities in a city. Methods of organization of recreation to meet the needs of the community are developed.

**EXSP 330 Prevention and Care of Athletic Injuries. 3 hours.** *Prerequisite: BIOL 110.* A course for the coach and trainer in conditioning, taping and use of therapy in prevention and recovery from athletic injuries.

**EXSP 331 Motor Learning. 3 hours.** A study of the motor learning process as applied to motor acquisition. Including a review of the interrelationship of physical development and motor learning. Preparation of plan for motor skill development for all populations.

**EXSP 337 Physical Education for the Elementary School. 2 hours.** A study of the selection and methods for teaching physical activities for the elementary school.

**EXSP 340 Organization and Administration of Sport. 3 hours.** A study of the methods, resources, practices and procedures utilized in Sport Management. Content will include emphasis in facility management, intra/extramurals, networking, legal aspects and resources of corporate fitness.

**EXSP 341 Sports Information and Promotion. 3 hours.** A study of methods, resources, practices and procedures utilized in sport management. Content will include emphasis in public relations, labor relations, promotion, fund raising and mass communication.

**EXSP 345 Wellness and Health Promotion. 3 hours.** A study of the principles for developing wellness and health promotion programs. Emphasis will include the six dimensions of wellness, professional programming and personal growth.

**EXSP 350 Exercise Physiology. 3 hours.** *Prerequisite: BIOL 110 or equivalent and BIOL 206, or permission of instructor.* Physiological effects on the human organism under different intensities, durations and environments. Same as BIOL 350.

**EXSP 351 Exercise Prescription/Cardiac Rehabilitation. 3 hours.** *Prerequisite: EXSP 350.* General principle of exercise prescription for healthy and diseased individuals. Particular emphasis will be on the interaction and analysis of patient demographics including risk factor assessment, medical history and graded exercise evaluation (e.g. stress test date) to develop a safe effective exercise program.

**EXSP 365 Methods of Teaching Secondary Physical Education. 3 hours.** A study in class organization and teaching methods in individual and team physical activities. A review of the fundamental skills and important teaching techniques of the different

individual/team activities applicable to motor learning and growth and development. Preparation of sequential unit lesson plans and evaluation procedures are included.

**EXSP 493 Senior Seminar: Advanced Exercise Physiology. 3 hours.** (Meets Undergraduate Research Experience, see page 28)

**EXSP 494 Senior Seminar: Physical Education. 3**

**hours.**

**EXSP 495 Senior Seminar in Sports Management. 3 hours.**

**EXSP 290, 390, 490 Selected Topics. 1-3 hours each. See page 34.**

**EXSP 291, 292, 391, 392, 491, 492 Research. See page 34.**

# Exercise Physiology Program

## Department of Exercise and Sport Science

Kathy K. Carroll, director

The exercise physiology program is an opportunity for interdisciplinary study offered through the exercise and sport science department. This program incorporates a selection of courses from the natural sciences division.

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

BIOL 110	Fundamentals of Cell Biology	4 hrs.
BIOL 205	Anatomy	3 hrs.
BIOL 206	Human Physiology	3 hrs.
CHEM 107	General Chemistry I with Laboratory*	4 hrs.
EXSP 210	First Aid	2 hrs.
EXSP 216	Weight Training	1 hr.
EXSP 226	Aerobic Fitness	1 hr.
EXSP 228	Applied Statistics in Exercise and Sport Science	3 hrs.
EXSP 302	Principles of Human Nutrition	3 hrs.
EXSP 303	Kinesiology	3 hrs.
EXSP 311	History and Principles of Exercise and Sport Science	2 hrs.
EXSP 330	Prevention and Care of Athletic Injuries	3 hrs.
EXSP 345	Wellness & Health Promotion	3 hrs.
EXSP 350	Exercise Physiology	3 hrs.
EXSP 351	Exercise Prescription/Cardiac Rehab	3 hrs.
EXSP 493	Senior Seminar: Advanced Exercise Physiology	3 hrs.
EXSP 497, 498	Internship	3 hrs.
MATH 203	Mathematics and Inquiry	3 hrs.
PHYS 201	Principles of Physics*	4 hrs.
PSYC 101	Introduction to Psychology	3 hrs.
Choose one from the following		3 hrs.
EXSP 317	Socio-Psychological Aspects of Exercise and Sport Science	
EXSP 331	Motor Learning	

\* It is recommended that students planning to attend graduate school in exercise physiology take *Physics 201* and *Chemistry 107, 108* and *315*. They also allow the student to meet the alternative *Global Perspectives science* requirement.

### Course Descriptions:

**BIOL 110 Fundamentals of Cell Biology. 4 hours.** An introductory course for science majors focusing on biological concepts relating to cellular and molecular biology and genetics. Lecture and laboratory. *Offered every semester.*

**BIOL 205 Human Anatomy. 3 hours.** An introduction to the gross and microscopic anatomy of the human body. Mammalian examples of major systems are studied in the laboratory. Lecture and

laboratory. *Offered fall semester.* Normally does not meet departmental requirements for a major.

**BIOL 206 Human Physiology. 3 hours.** Through lecture-discussion and complementary laboratory experiences this course examines the organization and function of the human body as a whole and the interrelations of its various systems, organs, tissues and cells. Lecture and laboratory. *Offered spring semester.* Normally does not meet departmental requirements for a major.

# Exercise Physiology Program

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**CHEM 107 General Chemistry I. 4 hours.** Development of the modern concepts dealing with the behavior of matter, kinetic theory, atomic theory, chemical bonding and periodic classification. Three lectures and one lab period.

**EXSP 210 American Red Cross First Aid. 2 hours.** The Standard First Aid and Personal Safety book is used. An American Red Cross Certificate may be obtained. This course fulfills the requirements for a teacher's certificate.

**EXSP 216 Weight Training. 1 hour.** This course introduces the basic techniques needed for developing muscular strength and endurance. Includes instruction on the use of weight machines and free weights.

**EXSP 226 Aerobic Fitness. 1 hour.** An introduction to aerobic fitness through aerobic dance. Some other forms of aerobic fitness are discussed and are included in the course content.

**EXSP 228 Applied Statistics in Exercise and Sport Science. 3 hours.** The course contains the mathematical basis for statistics including descriptive measures, probability and hypothesis testing. Some applications in exercise and sport science will include tests, ANOVA, correlation and regression. Credit will not be given for both MATH 227 and MATH/EXSP 228. Same as MATH 228.

**EXSP 302 Principles of Human Nutrition. 3 hours.** *Prerequisite:* BIOL 110, CHEM 103. A study of food as it functions to meet body needs, with emphasis on utilization, food resources, selection of adequate diets, individual, community and world health problems and diet therapy. Upper-division credit may be earned. Same as BIOL 302.

**EXSP 303 Kinesiology. 3 hours.** *Prerequisite:* BIOL 110 and BIOL 205, or permission of instructor. A study of the human machine and its processes of motor functioning. Same as BIOL 303.

**EXSP 311 History and Principles of Exercise and Sport Science. 2 hours.** The history of exercise science through ancient, early modern and the present century, combined with a study of the principles now accepted as basic in this field.

**EXSP 317 Socio-Psychological Aspects of Exercise and Sport Science. 3 hours.** This course is designed to aid the elementary and secondary teacher in the classifying and analyzing of physical education activities according to socio-psychological aspects. The analysis will be made from four main points of view: (1) interpretative, (2) impulsive, (3) neuromuscular, and (4) organic.

**EXSP 330 Prevention and Care of Athletic Injuries. 3 hours.** *Prerequisite:* BIOL 110. A course for the coach and trainer in conditioning, taping and use of therapy in prevention and recovery from athletic injuries.

**EXSP 331 Motor Learning. 3 hours.** A study of the

motor learning process as applied to motor acquisition. Including a review of the interrelationship of physical development and motor learning. Preparation of plan for motor skill development for all populations.

**EXSP 345 Wellness and Health Promotion. 3 hours.** A study of the principles for developing wellness and health promotion programs. Emphasis will include the six dimensions of wellness, professional programming and personal growth.

**EXSP 350 Exercise Physiology. 3 hours.** *Prerequisite:* BIOL 110 or equivalent and BIOL 206, or permission of instructor. Physiological effects on the human organism under different intensities, durations and environments. Same as BIOL 350.

**EXSP 351 Exercise Prescription/Cardiac Rehabilitation. 3 hours.** *Prerequisite:* EXSP 350. General principles of exercise prescription for healthy and diseased individuals. Particular emphasis will be on the interaction and analysis of patient demographics including risk factor assessment, medical history and graded exercise evaluation (e.g., stress test date) to develop a safe effective exercise program.

**EXSP 493 Senior Seminar: Advanced Exercise Physiology. 3 hours. (Meets Undergraduate Research Experience, see page 28)**

**EXSP 497, 498 Internship. See page 34.**

**MATH 203 Mathematics and Inquiry. 3 hours.** In this course, students will develop quantitative and abstract reasoning abilities necessary to solve complex problems. Literacy in mathematics is developed, with concepts and skills from such areas as algebra, trigonometry, calculus, probability, statistics and computer science. This course will address critical thinking and problem-solving skills, not simply numerical manipulations related to a single subdiscipline of mathematics. Emphasis will be placed on defining and setting up problems; understanding the steps required to solve various types of problems; understanding the factual information and quantitative abilities required for problem solving; and understanding how necessary information can be obtained from text material, resource individuals and computer resources.

**PHYS 201 Principles of Physics. 4 hours.** *Prerequisite:* MATH 203 or equivalent. The principles of mechanics, heat, sound and electricity are presented in this one-semester, non-calculus course. The workshop format-integrated lecture with lab-emphasizes experiment, data collection, analysis and group work. Not intended for biology, chemistry or physics majors.

**PSYC 101 Introduction to Psychology. 3 hours.** This is a survey course providing a study of the behavior of living organisms, particularly human behavior. Typical problems are methods and measurement in psychology, theoretical systems, learning, motivation, perception, personality and psychopathology. *Offered both semesters.* (Meets Human Behavior)

# Fine Arts

## Department of Art and Art History

Thomas E. Russo, chair

The department of art and art history offers:

1. Introductory courses designed to develop appreciation and lead to increased understanding of the fine arts and their contribution to the cultural life of society.
2. Advanced courses leading to an academic major or minor in studio arts or art history.
3. Special programs formulated to prepare the student for a professional career, graduate study, or teaching.
4. Support courses leading to a professional degree in architecture.

The department of art and art history offers three majors leading to a bachelor of arts degree. A student can major in art history, design arts, or fine arts. General requirements for the various departmental options as well as the specific courses offered are listed below.

### The Art History, Design Arts and Fine Arts Majors

Prior to selecting a major, students should consult with their advisor and the chairman of the department of art and art history. All students who decide to major in art or art history should officially elect a faculty member from the department as their formal advisor and consult with that faculty member prior to course registration each semester. All three majors include ARTS 111, 151 and/or 152, 293, 393 and 493. ARTS 111 is offered in the *fall semester only* and is to be taken freshman year if you are considering a major in the visual arts. ARTS 293, 393 and 493 are offered in the *spring semester only* and should be taken as follows: ARTS 293 in the sophomore year, ARTS 393 in the junior year and ARTS 493 in the senior year.

The fine arts major is appropriate for students who:

1) wish to pursue a general major in fine arts; 2) plan to complete a second major in education leading to certification to teach art at the elementary or secondary level - in which case students must consult with the school of education concerning the specific requirements for their second major and state regulations for art education certification; or 3) plan to seek admittance into a graduate program in fine arts, in which case ARTS 320 Portfolio and a second major in art history or design arts are recommended.

### Fine Arts Major

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ARTS 111	Foundations of Design	3 hrs.
ARTS 123	Drawing	3 hrs.
ARTS 293, 393, 493	Art Core	3 hrs.
Choose one of the following:		3 hrs.
ARTS 151	History of Art and Architecture I	
ARTS 152	History of Art and Architecture II	
Choose six electives from this group; three must be 300 level or above.		18 hrs.
At least one course in 2D and 3D media.		
ARTS 200	The Figure	
ARTS 215	Ceramic Sculpture I	
ARTS 220	Printmaking	
ARTS 230	Painting I	
ARTS 240	Weaving I	
ARTS 260	Photography I	
ARTS 300	Figure Sculpture	
ARTS 315	Ceramic Sculpture II	
ARTS 320	Portfolio I	
ARTS 330	Painting II	



## Fine Arts

ARTS 340	Weaving II
ARTS 344	History of Modern Art
ARTS 348	History of Photography
ARTS 360	Photography II
ARTS 361	Alternative Photographic Processes
ARTS 362	Digital Imagery
ARTS 390	Selected Topics

Choose one elective from this group:	3 hrs.
ARTS 375	Field Studies in Studio Art
ARTS 391, 392, 491, 492	Research
ARTS 397, 398, 497, 498	Internship
ARTS 301, 302, 401, 402	Advanced Studio (1-3 hrs. each)

*Courses used as electives for one Art or Art History major may not also satisfy elective requirements for another Art or Art History major or minor. No more than one directed study may count toward a major.*

### Fine Arts Minor

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ARTS 111	Foundations of Design	3 hrs.
ARTS 123	Drawing	3 hrs.
	Fine Arts Electives	9 hrs.

*Courses used as electives for one Art or Art History minor may not also satisfy elective requirements for another Art or Art History major or minor.*

### Art History Courses

**ARTS 151 History of Art and Architecture I. 3 hours.** An analytical survey of western traditions in art and architecture from the Paleolithic through the Middle Ages, including such periods and styles as Egyptian, Greek, Roman, Early Christian, Romanesque and Gothic. Analysis of these traditions develops an awareness of non-western traditions. Same as ARCH 151. (Meets Artifacts of Western Culture)

**ARTS 152 History of Art and Architecture II. 3 hours.** An analytical survey of western traditions in art and architecture from the Renaissance to the present, including such periods and styles as Baroque, Neoclassical, Romanticism, Modern and Post-Modern. Analysis of these traditions develops an awareness of non-western traditions. Same as ARTS 152. (Meets Artifacts of Western Culture)

**ARTS 344 History of Modern Art. 3 hours.** An in-depth examination of art from the Romantic period (circa 1800) to the emergence of the Modern Period (1850), through the early twentieth century to the present. Same as ARCH 344. (Meets Artifacts of Western Culture)

**ARTS 348 History of Photography. 3 hours.** A survey of the aesthetic and technical development of photography from its origin to the present. Particular emphasis will be given to the contextual relationships of photographic imagery to the visual arts and to the culture at large.

### Fine Arts Courses

**ARTS 111 Foundations of Design. 3 hours.** An introduction to the principles of design. Basic creative problem-solving and design principles are explored through studio projects and symposium presentations. This course is the first in a sequence of studio courses for both art and architecture majors, but also serves non-majors. Same as ARCH 111. *Offered fall semester only.* (Meets Creativity Explored)

**ARTS 123 Drawing. 3 hours.** Students will work in a

variety of drawing media and techniques solving representational problems. This course includes an introduction to figure drawing. (Meets Creativity Explored)

**ARTS 200 The Figure. 3 hours.** *Prerequisite: ARTS 123.* A course in figure drawing involving intensive study and work from the model. (Meets Creativity Explored)

**ARTS 215 Ceramic Sculpture I. 3 hours.** Exploration of hand building and wheel techniques and basic principles of glazing. (Meets Creativity Explored)

**ARTS 220 Printmaking. 3 hours.** An introduction to printmaking techniques with emphasis on woodcuts, mono-print, relief, silkscreen or digital/intaglio processes. (Meets Creativity Explored)

**ARTS 230 Painting I. 3 hours.** Studio experience and demonstration in various painting media and techniques. Problems are assigned as a means of allowing students to come to terms with the technical aspects of painting through actual involvement with the painting process. (Meets Creativity Explored)

**ARTS 240 Weaving I. 3 hours.** An introduction to principles and techniques of loom and off-loom weaving. (Meets Creativity Explored)

**ARTS 260 Photography I. 3 hours.** *Prerequisite: ARTS 111 or permission of instructor.* The course covers basic principles of black and white photography and darkroom techniques. (Meets Creativity Explored)

**ARTS 293 Art Core. 1 hour.** *Prerequisite: ARTS 111. For ARTS majors only.* A sophomore level seminar course aimed at acquainting students with current readings in the field, basic art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty. This course, along with 393, is a prerequisite for senior Art Core (493) which is the

capstone course in the design and fine arts majors. *Offered spring semester only.*

**ARTS 300 Figure Sculpture. 3 hours.** *Prerequisite: ARTS 200.* An advanced figure study course which focuses on the problems of three dimensional representation. It will introduce the student to the techniques of modeling the human figure.

**ARTS 315 Ceramic Sculpture II. 3 hours.** *Prerequisite: ARTS 215.* Advanced studio problems in ceramics with an emphasis on individual expression.

**ARTS 320 Portfolio. 3 hours.** *It is recommended that this course be completed prior to ARTS 493.* This course concerns development of a body of art work to be used in approaching the job market or graduate school possibilities.

**ARTS 330 Painting II. 3 hours.** *Prerequisite: ARTS 230.* Advanced studio problems in painting with emphasis on the mastery of one medium and the development of individual expression.

**ARTS 340 Weaving II. 3 hours.** *Prerequisite: ARTS 240.* Advanced studio problems in weaving with an emphasis on individual projects.

**ARTS 360 Photography II. 3 hours.** *Prerequisite: ARTS 260.* In this course, the student will be encouraged to explore more advanced techniques and to develop a better understanding of black and white photography as an art form.

**ARTS 361 Alternative Photographic Processes. 3 hours.** *Prerequisite: ARTS 260 or permission of instructor.* This course will explore the many possibilities involving photographic images on nontraditional materials and alternative photographic printing techniques.

**ARTS 362 Digital Imagery. 3 hours.** *Prerequisite: ARTS 260 or ARCH 150 or permission of instructor.* A course devoted to the exploration of digital imagery as a fine art and medium of self expression. Same as ARCH 362. (Meets Creativity Explored)

**ARTS 375 Field Studies in Studio Art. 3 hours.** A course designed to promote first hand, in-depth experience

with works of art and/or architecture in order to foster the integration of theoretical and applied learning skills in the design and fine arts major. Students will participate in an off-campus field study, the exact nature of which will be determined by the interests of the student and must be approved in consultation with a faculty member. (Meets Creativity Explored)

**ARTS 393 Art Core. 1 hour.** *Prerequisite: ARTS 293 or permission of instructor. For ARTS majors only.* A junior level seminar course aimed at furthering students' awareness of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty during portfolio preparation. This course is a prerequisite for senior Art Core (493) which is the capstone course in the design and fine arts majors. *Offered spring semester only.*

**ARTS 301, 302, 401, 402 Advanced Studio. 1-3 hours each.** *Prerequisite: departmental permission.* These courses are offered to encourage individual work for advanced students under the supervision of a specific instructor.

**ARTS 493 Art Core. 1 hour.** *Prerequisite: ARTS 393 or permission of instructor. For ARTS majors only.* A senior level seminar course aimed at furthering students' knowledge of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty during their preparation of a senior studio project for exhibition. This course is the capstone in the design and fine arts majors. *Offered spring semester only.*

**ARTS 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**ARTS 291, 292, 391, 392, 491, 492 Research.** See page 34.

**ARTS 397, 398, 497, 498 Internship.** See page 34.

# French

## Department of Languages

Eltjen Flikkema, chair

The curriculum of the department of languages is designed to introduce all Drury students to selected languages of the world and their cultural and literary traditions. Language majors are prepared for graduate studies and also for careers in a variety of fields including teaching, international business and foreign service. We offer majors and minors in French, German and Spanish.

### French Major

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

Requirements are 24 hours of approved FREN courses at the 200 level or above, which must include the following:

Choose one of the following literature courses: 3 hrs.

FREN 330	Dangerous Liaisons: French Literature in Translation
FREN 351	Introduction to French Literature I
FREN 352	Introduction to French Literature II
FREN 441, 442	Advanced Studies: French Language and Literature
FREN 464	Genre Study: French Poetry
FREN 465	Genre Study: French Drama
FREN 466	Genre Study: French Prose

Choose one of the following: 3 hrs.

FREN 493	Senior Seminar: French Language and Culture
FREN 494	Senior Seminar: French Literature

Choose 18 hours of electives from the following: 18 hrs.

FREN 201	Intermediate French III
FREN 202	Intermediate French IV
FREN 280	International Language Study - French
FREN 301	French Grammar and Composition
FREN 302	French Culture and Civilization
FREN 303	French Conversation
FREN 310	French Pronunciation and Phonetics
FREN 311, 312	French Pronunciation and Phonetics
FREN 330	Dangerous Liaisons: French Literature in Translation
FREN 344	Commercial French
FREN 351	Introduction to French Literature I
FREN 352	Introduction to French Literature II
FREN 380	Advanced International Language Study - French
FREN 441, 442	Advanced Studies: French Language and Literature
FREN 464	Genre Study: French Poetry
FREN 465	Genre Study: French Drama
FREN 466	Genre Study: French Prose
FREN 290, 390, 490	Selected Topics
FREN 391, 392, 491, 492	Research
FREN 397, 398, 497, 498	Internship

### The French Minor

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

Requirements are 15 hours of approved FREN courses at the 200 level or above.

**Note:** Completion of 101 or 102, transfer credit, or the placement and proficiency test are prerequisites for enrollment in courses at the 200 level.

Choose 15 hours from the following: 15 hrs.

FREN 201	Intermediate French III
FREN 202	Intermediate French IV

FREN 301	French Grammar and Composition
FREN 302	French Culture and Civilization
FREN 303	French Conversation
FREN 310	French Pronunciation and Phonetics
FREN 311, 312	French Pronunciation and Phonetics
FREN 330	Dangerous Liaisons: French Literature in Translation
FREN 344	Commercial French
FREN 351	Introduction to French Literature I
FREN 352	Introduction to French Literature II
FREN 441, 442	Advanced Studies: French Language and Literature
FREN 464	Genre Study: French Poetry
FREN 465	Genre Study: French Drama
FREN 466	Genre Study: French Prose
FREN 290, 390, 490	Selected Topics
FREN 391, 392, 491, 492	Research
FREN 397, 398, 497, 498	Internship

*French majors and minors are strongly urged to earn some of the required credits through an approved program in a French-speaking country.*

**Course descriptions:**

**FREN 101, 102 Elementary French I, II. 4 hours each semester.** For beginners. Designed to develop, in two semesters, an elementary proficiency for communicating in French and some familiarity with the cultural values of French peoples.

**FREN 201, 202 Intermediate French III, IV. 3 hours each semester.** *Prerequisite:* FREN 101-102, placement exam or transfer credit. Designed to develop, in two semesters, a more advanced proficiency in communicating in French and to enhance familiarity with the cultural values of French civilization.

**FREN 280 International Language Study - French. 3 hours.** *Prerequisite:* FREN 101. Intensive study of French at the elementary level, undertaken as part of a Drury-sponsored travel experience in a French-speaking country. Students can fulfill the foreign language requirement by passing FREN 101 and this course.

**FREN 301 French Grammar and Composition. 3 hours.** *Prerequisite:* FREN 202. Advanced composition, translation and stylistics. Includes a review of grammar and language structure. Explication de texte emphasized.

**FREN 302 French Culture and Civilization. 3 hours.** *Prerequisite:* FREN 202. A study of the history, geography, art, music, philosophy and government of the Francophonic countries. Further development of audio skills emphasized. (Meets Ideas and Events of Western History)

**FREN 303 French Conversation. 3 hours.** *Prerequisite:* FREN 202 or permission of instructor. Intense practice in French conversation focusing on increasing and developing listening and communication skills.

**FREN 310 French Pronunciation and Phonetics. 1 hour.** *Prerequisite:* FREN 202. Introduction to basic phonetics and pronunciation rules in French, including the phonetic alphabet and phonetic transcription.

**FREN 311, 312 French Pronunciation and Phonetics. 1 hour each.** Continuation of FREN 310.

**FREN 330 Dangerous Liaisons: French Literature in Translation. 3 hours.** A survey of

French writers such as Corneille, Beaumarchais, Balzac, Breton and Sartre and an investigation of literary movements: the enlightenment, realism, romanticism, symbolism, surrealism and the nouveau Roman. The course is conducted in English; no previous knowledge of a foreign language is necessary. Same as ENGL 330. (Meets Artifacts of Western Culture)

**FREN 344 Commercial French. 3 hours.** *Prerequisite:* FREN 202. A technical study of language for business purposes with particular emphasis on commercial correspondence.

**FREN 351 Introduction to French Literature I. 3 hours.** *Prerequisite:* FREN 202. French literature from the middle ages to the 18th century. Major literary works of this period are read and discussed in French from a critical perspective. (Meets Artifacts of Western Culture)

**FREN 352 Introduction to French Literature II. 3 hours each.** *Prerequisite:* FREN 202. French literature from the 19th century to the present. Major literary works of this period are read and discussed in French from a critical perspective. (Meets Artifacts of Western Culture)

**FREN 380 Advanced International Language Study - French. 3 hours.** *Prerequisite:* FREN 101, 102. Intensive study of French at the intermediate level or above, undertaken as part of a Drury-sponsored travel experience in a French-speaking country.

**FREN 441, 442 Advanced Studies: French Language and Literature. 3 hours each.** *Prerequisite:* FREN 202. Special topics on rotation including history of France, translation, individual author study, literary movements or periods.

**FREN 464 Genre Study: French Poetry. 3 hours.** *Prerequisite:* FREN 202. A survey of French poetry from Guillaume to Marcelin Pleynet, considering diction, imagery, rhythm and structure.

**FREN 465 Genre Study: French Drama. 3 hours.** *Prerequisite:* FREN 202. A study of French drama from the medieval period to the present from such authors as Moliere, Racine, Hugo, Sartre, Ionesco and Beckett. (Meets Artifacts of Western Culture)

# Geography

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**FREN 466 Genre Study: French Prose. 3 hours.**  
*Prerequisite: FREN 202.* A study of representative French novels, short stories and essays from such authors as Madame de LaFayette, Prevost, Stendhal and Gide.

**FREN 493 Senior Seminar: French Language and Culture. 3 hours.** *Prerequisite: FREN 202.*

**FREN 494 Senior Seminar: French Literature. 3 hours.**  
*Prerequisite: FREN 202.*

**FREN 290, 390, 490 Selected Topics. 1-3 hours each.**  
**See page 34.**

**FREN 291, 292, 391, 392, 491, 492 Research. See page 34.**

**FREN 397, 398, 497, 498 Internship. See page 34.**

## Geography

### Department of History, Political Science, & Geography

Jeffrey A. VanDenBerg, chair

The study of geography focuses on the relationship of people to their physical, economic, political and cultural environments. The geography minor complements any of the natural, behavioral and social sciences, and the humanities. Career opportunities for students with geography training include resource management and conservation, education, city and county planning, travel and tourism, and international business.

#### Geography Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

GEOG 109	World Regional Geography I	3 hrs.
GEOG 110	World Regional Geography II	3 hrs.
GEOG 200	Environmental Geoscience	4 hrs.
GEOG 313	Resource Management	3 hrs.
GEOG 361	Field Studies in Geography	3 hrs.
Choose one from the following:		3-4 hrs.
BIOL 105	Introduction to Ecology	
ENVR 312	Principles of Environmental Biology	
GEOG 300	GIS and Remote Sensing	
GEOG 323	Meteorology	
GEOG 340	Geography of Food	
GEOG 290, 390, 490	Selected Topics	

#### Course Descriptions:

**BIOL 105 Introduction to Ecology. 3 hours.**  
*Prerequisite: 3 hours of introductory biology or permission of instructor.* A study of fundamental ecological principles and their relationship to current environmental problems. Three hours of lecture with limited lab and field experiences. Recommended for students from all disciplines.

**ENVR 312 Principles of Environmental Biology. 4 hours.** *Prerequisite: one semester of biology or the general education science course.* A study of fundamental ecological principles and their relationship to current environmental problems. Lecture and laboratory with field work. Recommended for students from all disciplines. *Offered fall and spring semesters.* Same as BIOL 312.

**GEOG 109 World Regional Geography I . 3 hours.** Introduction to culture, natural resources and modern geographical problems facing the realms of the Americas, Europe and Southwest Asia/North Africa. *Offered fall semester.*

**GEOG 110 World Regional Geography II. 3 hours.** Examination of the characteristics and contemporary issues facing the realms of South Asia, Southeast Asia, Sub-Saharan Africa and the Pacific Nations. *Offered spring semester.*

**GEOG 200 Environmental Geoscience. 4 hours.** A study of the interrelationship between humans and the physical environment. The course will focus on natural resources, soils, hydrology and water supplies, erosional processes, karst landscapes, land use planning and geologic map interpretation. Includes laboratory. Field work required. Same as PHYS 200, ENVR 200.

**GEOG 300 GIS and Remote Sensing. 3 hours.** Remote sensing concepts and methods including multispectral image analysis and acquisition, radar imaging, satellite and airborne remote sensing systems, digital image analysis, the electromagnetic spectrum and its interaction with matter, use of global positioning system equipment. Geographic Information Systems (GIS) exercises applied throughout the course. Same as ENVR 300 and PHYS 300.

**GEOG 313 Resource Management. 3 hours.** An overview of the principles involved in managing resources

for sustainable community, economy and environment. Topics include global environmental problems and solutions, water quality in the Ozarks, environmental impact assessment, and local field work. Same as ENVR 313.

**GEOG 323 Meteorology, 3 hours.** *Prerequisite:* GEOG 200. This course explores the processes that produce weather and climate patterns. Topics of study include: earth/sun relationships, global pressure and wind systems, weather forecasting, severe storms and global climate change. Offered every other year. Same as ENVR 323.

**GEOG 340 Geography of Food, 3 hours.** Combines the ideas and cultures of cuisine with the physical foundation

of agriculture and sustainability. Offered spring semester. Same as ENVR 340.

**GEOG 361 Field Studies in Geography, 3 hours.** Work for this course will involve field research to explain cultural or physical geographic processes and to describe the relationship between people and their environment. (Meets Undergraduate Research Experience, see page 28)

**GEOG 290, 390, 490 Selected Topics. See page 34.**

# German

## Department of Languages

Eltjen Flikkema, chair

The curriculum of the department of languages is designed to introduce all Drury students to selected languages of the world and their cultural and literary traditions. Language majors are prepared for graduate studies and also for careers in a variety of fields including teaching, international business and foreign service. We offer majors and minors in French, German and Spanish.

### German Major:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

Requirements are 24 semester hours of approved courses beyond GERM 101, which should include at least the following:

GERM 301	German Composition and Conversation	3 hrs.
GERM 302	German Composition and Conversation	3 hrs.
Choose one of the following:		3 hrs.
GERM 323	Major German Authors	
GERM 324	Major German Authors	
Choose one of the following:		3 hrs.
GERM 493	Senior Seminar: German Language and Culture	
GERM 494	Senior Seminar: German Literature	
Choose 12 hours from the following:		12 hrs.
GERM 102	Elementary German II	
GERM 201	Intermediate German III	
GERM 202	Intermediate German IV	
GERM 251, 252	Business German	
GERM 280	International Language Study - German	
GERM 323, 324	Major German Authors	
GERM 380	Advanced International Language Study - German	
GERM 413, 414	Advanced German Composition and Conversation	
GERM 290, 390, 490	Selected Topics	
GERM 391, 392, 491, 492	Research	
GERM 397, 398, 497, 498	Internship	

### German Minor:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

Requirements are 15 hours of approved courses beyond GERM 101.

GERM 102	Elementary German II
GERM 201	Intermediate German III
GERM 202	Intermediate German IV
GERM 251, 252	Business German
GERM 280	International Language Study - German
GERM 323, 324	Major German Authors

# German

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GERM 380	Advanced International Language Study - German
GERM 413, 414	Advanced German Composition and Conversation
GERM 290, 390, 490	Selected Topics
GERM 391, 392, 491, 492	Research
GERM 397, 398, 497, 498	Internship

*German majors and minors are strongly urged to earn some of the required credits through an approved program in a German-speaking country.*

## Course Descriptions:

**GERM 101, 102 Elementary German I, II. 4 hours each semester.** For beginners. Designed to develop, in two semesters, an elementary proficiency to communicate in German and some familiarity with the cultural values of German peoples.

**GERM 201, 202 Intermediate German III, IV. 3 hours each semester.** *Prerequisite: GERM 102 or approval of the department.* Designed to develop, in two semesters, a more advanced proficiency for communicating in German and intensify the familiarity with the cultural values of German peoples.

**GERM 251, 252 Business German. 3 hours each semester.** *Prerequisite: GERM 102 or approval of the department.* An introduction to the language of business German required to communicate and operate effectively in a German business environment.

**GERM 280 International Language Study - German. 3 hours.** *Prerequisite: GERM 101.* Intensive study of German at the elementary level, undertaken as part of a Drury-sponsored travel experience in a German-speaking country. Students can fulfill the foreign language requirement by passing GERM 101 and this course.

**GERM 301, 302 German Composition and Conversation. 3 hours each semester.** *Prerequisite: GERM 202 or approval of the department.* Designed to develop, in two semesters, the capability to communicate in German with sufficient structural accuracy and vocabulary in most formal and informal situations on practical, social and professional topics.

**GERM 323, 324 Major German Authors. 3 hours each semester.** Study of representative German authors conducted in German. (Meets Artifacts of Western Culture)

**GERM 380 Advanced International Language Study - German. 3 hours.** *Prerequisite: GERM 101, 102.* Intensive study of German at the intermediate level or above, undertaken as part of a Drury-sponsored travel experience in a German-speaking country.

**GERM 413, 414 Advanced German Composition and Conversation. 3 hours each semester.** *Prerequisite: GERM 302 or approval of the department.* Designed to develop, in two semesters, the skills needed to communicate in German with a high degree of fluency and precision of grammar and vocabulary and to handle informal interpreting to and from German.

**GERM 493 Senior Seminar: German Language and Culture. 3 hours.**

**GERM 494 Senior Seminar: German Literature. 3 hours.**

**GERM 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**GERM 291, 292, 391, 392, 491, 492 Research.** See page 34.

**GERM 397, 398, 497, 498 Internship.** See page 34.

# Global Studies

## Center for Interdisciplinary Studies

Richard Schur, director

The Global Perspectives program is designed to prepare students for the 21st century by providing the breadth of understanding and skills that are expected of students who have earned the bachelor's degree. The focus on a changing global community enriches the major and prepares students for leadership roles in an increasingly diverse world. Global Perspectives divides broadly into two themes: (1) Humanities Perspectives with its focus on our cultural heritage, global awareness, cultural diversity, foreign language and the global future and (2) Scientific Perspectives with its focus on mathematical and scientific literacy, technology and the social sciences. Courses designated "Global Studies" are interdisciplinary and help students synthesize experiences and information from many disciplines into an increasingly coherent understanding of the world, its peoples and the challenges of the future.

This program is designed to help develop the knowledge and skills that are expected of those who have a bachelor's degree. Students develop their writing and oral communication skills and their creativity. They extend their ability to solve problems and think critically. They engage in an analysis of values and ethical issues and they develop a broader global awareness. The purpose of this is to prepare students for successful personal and professional lives.

## Global Studies Minor

In completing the Global Perspectives curriculum, students gain an integrated understanding of global issues and develop the skills necessary for success in careers which increasingly call upon people to understand diverse cultures and international issues. Students develop competency in a second language, communication skills, reasoning and problem solving skills and a greater awareness and appreciation of other cultures.

The Global Studies minor is the program that gives expression to Drury's mission to liberate persons to participate responsibly in and contribute to life in a global community.

## Alpha Seminar

### **GLST 101, 102. Alpha Seminar: The American Experience**

**6 hrs.**

This yearlong course explores the roots of American traditions and contemporary expressions of those traditions, with special emphasis on the experiences of minorities. Through readings, films and other media, classroom lectures and discussions explore questions of the value and meaning of life and work in the United States. This course is process-oriented, focusing upon the development of writing, speaking and critical thinking abilities. Particular emphasis is given to the need for students to take responsibility for their own learning.

## Global Studies

### **Foreign Language Requirements:**

**6-8 hrs.**

The goals of the language requirement are to enhance students' appreciation and understanding of language, to improve verbal reasoning skills, to develop empathy with an understanding of another culture and to prepare students for a global context in which interaction with individuals of other cultures will be a normal part of life and work.

Students are required to take the elementary language sequence; 101 and 102 in French, Spanish, German, Greek or Hebrew or 103 and 104 in Biblical Greek. The second semester of language can be replaced by International Language Study (3 hours) for those students studying



language as part of an international travel course. Occasionally, the University offers two course sequences in Italian. For course descriptions, please consult the individual language listings.

Students whose native language is not English may be exempted from taking additional foreign language studies at Drury University if they meet any of the following criteria:

- a. Students who have had previous experience with a foreign language may be able to fulfill the requirement by demonstrating proficiency on the placement/proficiency tests offered by the department of languages. These tests may be taken during the summer registration or during the new student orientation period. Students who are not native speakers of English may fulfill the requirement by scoring 530 or higher (paper-based) or 197 or higher (computer-based) on the Test of English as a Foreign Language (TOEFL).
- b. Students whose native language is not English may choose to take the ACT or SAT and if their composite score on either of these tests qualifies them for full admission to Drury.
- c. Level 109 on ELS Language Centers
- d. Minimum score of 6.0 on University of Cambridge International English Language Testing System (IELTS).
- e. British System A levels (qualifies for academic credit): minimum grade of C in English.
- f. Students who transfer 30 credit hours or more from a U.S. college or university where primary instruction was in English.

## History of Western Cultures.

**6 hrs.**

Students choose one course listed below under 'Ideas and Events of Western History' and 'Artifacts of Western Culture'. Courses in the first category help students develop a comprehensive understanding of broad periods in western cultural history by focusing on foundational ideas, events and the diverse voices that have shaped western cultures. Courses in the second category explore great ideas and significant artifacts of western traditions in greater depth - thus complementing students' broad understanding of western cultural history with more detailed knowledge of specific artifacts and ideas.

### Ideas and Events of Western History

**3 hrs.**

Students should select one course from the list below:

ARCH 456	Culture and Place: The Greek Legacy
ENGL 215	Humanities I
ENGL 216	Humanities II
ENGL 290	American Fifties
ENGL 290	Wild Literature
FREN 302	French Culture and Civilization
GERM 390	Germany In/And Europe
GLST 456	Culture and Place: The Greek Legacy
HIST 101	Survey of United States History I
HIST 102	Survey of United States History II
HIST 103	Western Civilization I (to 1550 C.E.)
HIST 104	Western Civilization II (1550 C.E. - Present)
HIST 220	Survey of Ancient Civilizations
HIST 223	Survey of Medieval Civilization
HIST 225	Renaissance and Reformation
HIST 245	Survey of Modern European History
HIST 251	Slavery in Human History
HIST 283	American Social and Political Thought
HIST 290	Gunfighter Nation
HIST 290	Queen Elizabeth I: Fact or Fiction
HIST 290	Understanding the Holocaust
HIST 321	Women in European History
HIST 382	History of Witch-hunts and Persecution
HIST 390	History of Totalitarianism
HIST 390	Reading the City: St. Petersburg in Russian History and Culture
PHIL 290	Philosophy of Language
PHIL 302	History of Modern Philosophy
PHIL 306	History of Ancient Philosophy
PHIL 307	History of Medieval Philosophy
PHIL 308	History of Women Philosophers
PHIL 377	History and Philosophy of Science

PHIL 390	History of Totalitarianism
PLSC 283	American Social and Political Thought
PLSC 390	History of Totalitarianism
PSYC 390	The Mind-Body Problem
RELG 202	Religions of the World: Middle-East
RELG 204	Introduction to History of Christianity
RELG 306	History of Ancient Philosophy
RELG 307	History of Medieval Philosophy
RELG 308	History of Women Philosophers
RELG 390	Does God Exist?
RELG 390	Marriage, Sex & Violence / Biblical Prophets
RELG 390	The Spiritual Life
RELG 390	Topics in Religion: From Babylon to Berlin
RELG 390	Who is Jesus?
WMST 290	History of Women in the U.S.
WMST 290	Queen Elizabeth I: Fact or Fiction
WMST 290	Torture and Treachery: The Hunt for Witches in Early Modern Europe
WMST 390	Marriage, Sex and Violence / Biblical Prophets
WMST 390	Topics in Religion: From Babylon to Berlin

**Artifacts of Western Culture**

**3 hrs.**

Students should choose one course from the list below:

ARCH 151	History of Art and Architecture I
ARCH 152	History of Art and Architecture II
ARCH 344	History of Modern Art
ARTS 151	History of Art and Architecture I
ARTS 152	History of Art and Architecture II
ARTS 344	History of Modern Art
ARTS 359	The Printed Book as Art and Artifact
ENGL 212	Comparative Mythology
ENGL 221	Literature of the Middle Ages and Renaissance
ENGL 222	Literature of the Neoclassical and Romantic Age
ENGL 223	Literature of the Victorian and Modern Ages
ENGL 224	American Literature and Culture I: Colonial to 1865
ENGL 225	American Literature and Culture II: 1865 to Present
ENGL 282	Classical and Biblical Literature
ENGL 290	The Adolescent in American Literature
ENGL 330	Dangerous Liaisons: French Literature in Translation
ENGL 340	History of Theatre: Origins to Renaissance
ENGL 341	History of Theatre: Renaissance to Romanticism
ENGL 343	History of Theatre: Realism to Contemporary
ENGL 390	The Classical World in Contemporary Texts
ENGL 390	The Bildungsroman of the Western World
FREN 330	Dangerous Liaisons: French Literature in Translation
FREN 351	Introduction to French Literature I
FREN 352	Introduction to French Literature II
FREN 465	Genre Studies: French Drama
GERM 323	Major German Authors
GERM 324	Major German Authors
GERM 390	From the Trümmer: Rebuilding Germany After WWII
GLST 239	Literature, Philosophy and the Arts I
GLST 240	Literature, Philosophy and the Arts II
GLST 390	Medieval Philosophy & Gothic Cathedrals
HIST 322	Film and History: Joan of Arc, Myth and Reality
LIBR 359	The Printed Book as Art and Artifact
LIBR 390	The Printed Book as Art and Artifact
MUSC 115	Introduction to Western Music
MUSC 321	History of Music I
MUSC 322	History of Music II
PHIL 390	Medieval Philosophy & Gothic Cathedrals
PHIL 390	Sci-Fi/Cy-Phi
RELG 109	Introduction to the Study of Religion
RELG 203	Introduction to the Bible
RELG 390	Religion and the Quest for Meaning

# Global Studies

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RELG 390	Sci-Fi/Cy-Phi
SPAN 390	These Are Not Sweet Girls: Hispanic Women's Literature
THTR 135	Theatre: The Lively Art
THTR 340	History of Theatre: Origins to Renaissance
THTR 341	History of Theatre: Renaissance to Romanticism
THTR 343	History of Theatre: Realism to Contemporary
WMST 390	Religion and the Quest for Meaning
WMST 390	These Are Not Sweet Girls: Hispanic Women's Literature

## **Global Awareness and Cultural Diversity (GLST 201).**

**3 hrs.**

Students develop cultural analysis skills by examining representative examples of the world's cultures. Students become familiar with specific cultures by examining: a) nonmaterial culture (religious beliefs, social values and norms); b) material cultures (arts, way of life, technology, etc.); and c) specific cultural and social issues. This examination helps students cultivate an empathetic and thoughtful understanding of other cultures and peoples and develop active methods of promoting human equality at a personal and societal level. This course is required of all students and provides a framework for understanding cultures and peoples that will be further developed by in-depth studies under the category of "Minorities and Indigenous Cultures."

## **Minorities and Indigenous Cultures.**

**3 hrs.**

There is a range of courses which may qualify to fulfill this category. Eligibility for the inclusion of a course in this category will be determined by the Academic Affairs Committee. The committee and GP21 Council will use the following set of criteria for determination of selection:

1. Require that students apply the skills of cultural analysis learned in GLST 201 Global Awareness and Cultural Diversity classes.
2. Involve students in a culture as far removed from their normal experience as possible.
3. Engage students in comparisons of cultures to make the connections among cultures.
4. Require that instructors emphasize the historical context of the development of the culture being studied.

### **Students should complete GLST 201 prior to enrolling in a course in this category.**

ARCH 365	Islamic Art and Architecture
ARCH 426	Travel Journal: Mediterranean Cultures
ARTS 347	Native Arts and Cultures
ARTS 352	Native American Architecture
ARTS 365	Islamic Art and Architecture
BIOL 390	Natural & Cultural History of the Amazon
BIOL 390	Romania: More Than Just Dracula
ENGL 317	African-American Literature
ENGL 339	Asian-American Literature
ENGL 390	Journey Through the Labyrinth
FREN 390	Intensive French Language and Culture
GLST 426	Travel Journal: Mediterranean Cultures
GLST 381	Cultures of the Hispanic World
HIST 325	Gender & Culture: East Asia
HIST 334	Russia and the Eurasian Republics
HIST 344	Modern Africa: Continuity and Change
HIST 346	History of Modern China
HIST 347	History of Modern Japan
HIST 360	Islam and Politics in the Middle East
HIST 374	Social History of India
HIST 375	Arab-Israeli Conflict
HIST 385	Third World Conflicts
HIST 390	From Sleeping Dragon to Roaring Tiger
HIST 390	Islam and the West
HIST 390	Japanese Culture and Society: From Chrysanthemum to Pokemon
HIST 390	Women in Eastern Societies
MUSC 314	African-American Music
PHIL 290	Buddhism and the Joy of Being Awake
PHIL 290	Judaism
PHIL 390	Contemporary Tibet
PLSC 341	Homosexuality and Civil Liberties

PLSC 344	Modern Africa: Continuity and Change
PLSC 360	Islam and Politics in the Middle East
PLSC 365	Egypt and the Third World
PLSC 370	Women and Politics
PLSC 375	Arab-Israeli Conflict
PLSC 385	Third World Conflicts
PLSC 390	Homosexuality and Civil Liberties
PLSC 390	Islam and the West
RELG 290	African-American Religious Experience
RELG 290	Buddhism and the Joy of Being Awake
RELG 290	Judaism
RELG 390	Contemporary Tibet
SOCI 316	Minority Groups
SOCI 341	Homosexuality and Civil Liberties
SOCI 351	Cultures of the Middle East
SOCI 354	Native American Cultures
SOCI 355	Islam and Women
SPAN 303	The Culture of Spanish America
SPAN 390	Journey Through the Labyrinth
WMST 370	Women and Politics
WMST 390	Homosexuality and Civil Liberties
WMST 390	Images of Women: Italy
WNTR 116	Asian Cultures Trip

### Creativity Explored.

6 hrs.

Courses which satisfy the requirements of Creativity Explored will enhance students' abilities to use their imagination to find creative solutions. The courses develop the skills of conceptualization, synthesis and expression. Students should select courses from the list below. Courses must be completed in at least two departments.

ARCH 111	Foundations of Design
ARCH 112	Architectural Design II
ARCH 190	Architecture and the Liberal Arts
ARCH 362	Digital Imagery
ARTS 111	Foundations of Design
ARTS 123	Drawing
ARTS 200	The Figure
ARTS 203	Graphic Design I
ARTS 215	Ceramics I
ARTS 220	Printmaking
ARTS 230	Painting I
ARTS 240	Weaving I
ARTS 260	Photography I
ARTS 290	Stained Glass
ARTS 290	Watercolor
ARTS 290	Wild Drawing
ARTS 362	Digital Imagery
ARTS 375	Field Studies in Studio Art
ARTS 390	Sculpture
ARTS 390	Summer Studio: Florence, Italy
COMM 171-74	Broadcast Activities (1 hour each)
COMM 181-84	Journalism Activities (1 hour each)
COMM 203	Graphic Design I
COMM 207	Expository Writing: Art of the Essay
COMM 211	The Art of Human Communication
COMM 283	Oral Interpretation
COMM 370	Creative Writing I - Fiction
COMM 371	Creative Writing I - Poetry
COMM 373-374	Advanced Broadcast Activities (2 hours each)
COMM 376	Creative Writing II
ENGL 207	Expository Writing: Art of the Essay
ENGL 336	Image and Text
ENGL 370	Creative Writing I-Fiction
ENGL 371	Creative Writing I-Poetry
ENGL 373	Creative Writing I-Nonfiction

ENGL 376	Creative Writing II
MUSC 127-128	Percussion Ensemble
MUSC 137-138	Jazz Ensemble I
MUSC 139-140	Concert Band
MUSC 141-142	Jazz Ensemble II
MUSC 147-148	Drury Singers
MUSC 149-150	Concert Choir
MUSC 151	Opera Workshop
MUSC 159-160	College Orchestra
MUSC 390	Intermedia Performance
MUSB	Applied Music - Brass, Percussion
MUSO	Applied Music - Organ
MUSP	Applied Music - Piano
MUSS	Applied Music - Strings, Guitar
MUSV	Applied Music - Voice
MUSW	Applied Music - Woodwinds
THTR 140	Acting I
THTR 180	Comic Performance
THTR 282	Acting II
THTR 283	Oral Interpretation
THTR 320	Play Direction
THTR 354	Writing for Stage and Screen
THTR 361	Costume Design
THTR 365	Scene Design
THTR 366	Stage Lighting
THTR 382	Acting II
THTR 390	Intermedia Performance

## Values Inquiry.

**3 hrs.**

In values inquiry courses, students come to understand the important concepts in analyzing values and value systems. They gain a clearer understanding of their own values, learn to apply various ethical approaches in specific situations, improve their reasoning skills and strengthen their ability to communicate both orally and in writing about their value choices. They examine representative traditional (western) and nontraditional value systems as they explore the complexities of value questions and choices.

Students will select one course from the list below:

CRIM 341	Justice and Punishment
ENGL 290	Questions of Values in American Literature
ENGL 342	Shakespeare and Ethics
ENVR 320	Environmental Ethics
GLST 290	Questions of Values in American Literature
PHIL 210	Values Analysis
PHIL 320	Environmental Ethics
PHIL 305	Ethical Issues in Health Care
PHIL 309	Christian Ethics
PHIL 390	Business Ethics
RELG 305	Ethical Issues in Health Care
RELG 309	Christian Ethics
THTR 390	Shakespeare and Ethics

## GLST 301 Global Futures.

**3 hrs.**

The course is designed to introduce students to the scenarios for a sustainable global future and is divided into four sections:

1. Imagining the good future.
2. Exploring the concepts of Utopia and Dystopia in readings such as Plato's Republic, Moore's "Utopia," Swift's "Gulliver's Travels," Marx's "The Communist Manifesto," Skinner's "Walden Two".
3. Envisioning our future on the basis of current realities.
  - a. Wagar's "A Short History of the Future" projects likely scenarios from events of the latter part of the 20th century.
  - b. Students in the course will map 20th century trends related to politics, culture, and the environment.
4. Imagining the good community.

a. Course concludes with strategies to build good community on the local, national and international levels.

It is essential that students complete Global Awareness and Cultural Diversity, Values Inquiry and Science and Inquiry before taking Global Futures. *Prerequisite: junior standing.*

**Scientific Perspectives**

**12 hrs.**

Scientific perspectives is a sequential, three-course integrated mathematics and science curriculum with a total of twelve credit hours.

**MATH 203 Mathematics and Inquiry.**

This is the first course, which is a three hour course designed to develop quantitative and abstract reasoning abilities as well as computer abilities necessary to solve complex scientific problems. The course addresses critical thinking and problem-solving skills using Algebra, Trigonometry, Calculus and Probability and Statistics. Group projects are used to relate the material to real-world problems. All students are required to take MATH 203 or math alternatives listed on page 28.

**NSCI 251 Science and Inquiry.**

This is a six hour course team-taught by one physicist, one chemist and two biologists. A case study approach is used, with topics related to real world issues of science and technology such as environmental issues and human health issues. The course will have a significant laboratory component that is open-ended to make use of the methods of science and experimentation. Mathematics is integrated into this course. All students are required to take NSCI 251 or the science alternative listed on page 28.

**NSCI 361 Undergraduate Research .**

This is a three-hour culminating course. Teams of students will work on projects to solve problems in natural science, which require them to collect empirical data using the methods of science. Students write up their research results in the form of a scientific publication and present their work in a campus wide science poster session. Students take either NSCI 361 Undergraduate Research Experience or a total of three hours of research in sciences or mathematics: BIOL 391, BIOL 392, BIOL 491, BIOL 492; CHEM 391, CHEM 392, CHEM 491, CHEM 492; PHYS 391, PHYS 392, PHYS 491, PHYS 492; MATH 391, MATH 392, MATH 491, MATH 492. Students can also satisfy the NSCI graduation requirement by taking EXSP 493, PSYC 361 or GEOG 361.

**Human Behavior.**

**3 hrs.**

In order to satisfy this requirement, students should take at least one course from the list of approved courses below. Human behavior courses offer a variety of approaches for analyzing and understanding human behavior. The principles of behavior are presented within the context of an interdisciplinary liberal arts program. Emphasis is on developing the skills and insights which characterize scientific perspectives. Attention is given to the relationship between theory and application in the study of human behavior.

CRIM 102	Introduction to Criminology
ENGL205	Introduction to Linguistics
PSYC 101	Introduction to Psychology
SOCI 101	Introduction to Sociology
SOCI 111	Introduction to Anthropology

**Political Science and Economics.**

**3 hrs.**

Students are required to take one course from the list below. This category introduces students to the political and economic perspectives of contemporary societies. Current domestic and international problems receive special attention. All courses introduce students to fundamental political and economic issues of American society. Quantitative and qualitative reasoning skills are used to analyze the political and economic institutions that shape human behavior.

ECON201	Basic Economic Theory
HNRS390	Freedom & Rules: Markets & Politics from the Invisible Hand to the Handout

PLSC 101  
PLSC 151  
PLSC 252

Government and Politics in the U.S.  
Introduction to Comparative Politics  
Introduction to International Relations

## Health and Well-being.

### 3 hrs.

Students are required to take the two courses listed below in order to enhance their ability to chart a healthy course for life. The required courses are designed to help all students integrate the theoretical principles of fitness and wellness into a physically active lifestyle. These courses foster an appreciation of wellness concepts and help students become more healthy and productive citizens of the world.

EXSP 220	Fitness for Life	2 hrs.
EXSP	Activity Class or Varsity Participation.	1 hr. (See list on page 146.)

## Senior Seminar or Research

### 3 hrs.

In each major students participate in a senior seminar or undertake a research project as the culminating experience of their study in-depth. In senior seminars and research projects, students explore relationships between their major and the Global Perspectives program, relationships between professional education and the liberal arts and relationships between theory and practice. In each project students draw on their liberal arts experience as well as their major to consider topics in terms of their values implications, their historical context and societal significance. The senior seminar or research experience is also a time when students and faculty give attention to the transition from college to graduate or professional school and career opportunities. Students look back to their total experience beginning with the alpha seminar and develop a clear understanding of the knowledge, skills and abilities which they have gained and which have prepared them for the transition to life after college.

### Electives:

**GLST 121 Personal Finance. 1 hour.** Practical instruction in financial skills and literacy, including personal credit and debit management, managing money for college, managing money for retirement and financial issues related to employment.

**GLST 239 Literature, Philosophy and the Arts I. 3 hours.** Development of drama and philosophy in Ancient Greece; the rise and spread of monotheistic religions in Mediterranean cultures; the journeys of Alexander the Great and Marco Polo to regions outside the Mediterranean world; the Italian Renaissance; the Protestant Reformation, the Printing Press and the Discovery of the New World in the 16th Century.

**GLST 240 Literature, Philosophy and the Arts II. 3 hours.** Topics will include the rise of empirical science, the enlightenment and the Romantic response; Marx and the revolutions of the mid-19th century; modernism, the Holocaust and the post-colonial age.

**GLST 281, 282, 283, 284 Leadership. 2 hours each.** These courses are designed to foster leadership skills beginning with a focus on self-development and progressing through a link between personal development and civic involvement after college. This course is not required.

**GLST 275, 375 Convocation Lectures and Events. 1 hour.** Participation in the convocation lectures and events with follow-up summaries, analyses and evaluation. Convocations foster a campus-wide examination of disciplinary and interdisciplinary issues.

This course is not required, but may be taken repeatedly since the content changes every semester.

**GLST 286 Career/Life Planning. 2 hours.** This course uses a systematic approach to self-assessment, career research/exploration, goal-setting and implementation of a career development plan. Students will learn specific skills, research knowledge and information upon completing the course objectives and activities.

**GLST 321 Field Experience in Global Studies. 3 hours.** This course satisfies the Minorities and Indigenous Cultures requirement. Students engage in a firsthand, in-depth experience with Global Studies in order to foster the integration of theoretical and applied knowledge in a global studies setting. Students will participate in an off-campus field study, the exact nature of which will vary depending on the interests of the instructor and students.

**GLST 381 Cultures of the Hispanic World. 3 hours.** This course gives students a direct experience with an individual Hispanic culture as part of a study abroad experience. This course examines how Spanish, African and Indigenous cultures have blended and shaped the history, art, politics, education and family life, and ecology of the country. The country varies depending on the location of the study abroad trip. This course satisfies the Minorities and Indigenous Cultures requirement.

**GLST 426 Travel Journal: Mediterranean Cultures. 3 hours.** Students will apply cultural theories from GLST 201 Global Awareness and Cultural Diversity to disciplined observation of the diversity of

practices, rituals, habits and artistic productions of the peoples of the Mediterranean as the crossroads between Europe, the Middle East and Africa.

**GLST 456 Culture and Place: The Greek Legacy.** 3 hours. This course examines Greece as a place of major

significance in the consciousness of Western Civilization and the social cultural forces that have shaped its artistic, intellectual and spiritual traditions in the ancient, medieval and modern eras.

# Graphic Design

(See Visual Communication Program)

# History

Department of History, Political Science & Geography

Jeffrey A. VanDenBerg, chair

The study of history develops out of the perennial interest that people have about their past. History explores the events that shape societies. Studying the record of the past opens insights into what happens today, and what may happen tomorrow. The fundamental importance of history explains why it is among the most venerable of the liberal arts, and why it continues to attract new scholars. Career options for history majors include positions in education, consulting, law, business, museums, nonprofit organizations, historic preservation and restoration, and genealogy.

The history major begins with a broad foundation, then allows a student to build upon it with courses that most closely match his or her interests. Students take 15 hours of required courses and choose electives in the categories of European history, Social history, American history, and World history.

## History Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

HIST 101	Survey of United States History I	3 hrs.
HIST 102	Survey of United States History II	3 hrs.
HIST 103	Western Civilization I (to 1550 C.E.)	3 hrs.
HIST 104	Western Civilization II (1550 C.E. - Present)	3 hrs.
HIST 493	Senior Seminar	3 hrs.
Choose one course from European History:		
HIST 220	Survey of Ancient Civilizations	3 hrs.
HIST 223	Survey of Medieval Civilization	
HIST 225	Renaissance and Reformation	
HIST 245	Survey of Modern European History	
HIST 290, 390	Selected Topics in European History	
Choose two courses from Social History:		
HIST 251	Slavery in Human History	6 hrs.
HIST 321	Women in European History	
HIST 322	Film and History: Joan of Arc, Myth and Reality	
HIST 325	Gender & Culture: East Asia	
HIST 374	Social History of India	
HIST 382	History of Witch-hunts and Persecution	
HIST 290, 390	Selected Topics in Social History	
Choose one course from American History:		
HIST 283	American Social and Political Thought	3 hrs.
HIST 302	U. S. Foreign Policy	
HIST 330	The American Civil War	
HIST 290, 390	Selected Topics in American History	
Choose two courses from World History:		
HIST 334	Russia and the Eurasian Republics	6 hrs.
HIST 344	Modern Africa: Continuity and Change	
HIST 346	History of Modern China	
HIST 347	History of Modern Japan	
HIST 360	Islam and Politics of the Modern Middle East	



# History

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HIST 375	Arab-Israeli Conflict	
HIST 385	Third World Conflicts	
HIST 290, 390	Selected Topics in World History (such as History of Totalitarianism)	

## History Minor:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

HIST 101	Survey of United States History I	3 hrs.
HIST 102	Survey of United States History II	3 hrs.
Choose one of the following:		3 hrs.
HIST 103	Western Civilization I (to 1550 C.E.)	
HIST 104	Western Civilization II (1550 C.E. - Present)	
Choose one course from European History:		3 hrs.
HIST 220	Survey of Ancient Civilizations	
HIST 223	Survey of Medieval Civilization	
HIST 225	Renaissance and Reformation	
HIST 245	Survey of Modern European History	
Choose one course from Social History:		3 hrs.
HIST 251	Slavery in Human History	
HIST 321	Women in European History	
HIST 322	Film and History: Joan of Arc, Myth and Reality	
HIST 325	Gender & Culture: East Asia	
HIST 374	Social History of India	
HIST 382	History of Witch-hunts and Persecution	
Choose one course from American History:		3 hrs.
HIST 283	American Social and Political Thought	
HIST 302	U.S. Foreign Policy	
HIST 330	The American Civil War	
HIST 290, 390	Selected Topics in American History	
Choose two courses from World History:		6 hrs.
HIST 334	Russia and the Eurasian Republics	
HIST 344	Modern Africa: Continuity and Change	
HIST 346	History of Modern China	
HIST 347	History of Modern Japan	
HIST 360	Islam and Politics in the Modern Middle East	
HIST 375	Arab-Israeli Conflict	
HIST 385	Third World Conflicts	
HIST 290, 390	Selected Topics in World History (such as History of Totalitarianism)	

## Course Descriptions:

**HIST 101 Survey of United States History I. 3 hours.** A broad survey of the major political and social developments from the time of Columbus to the Civil War. *Offered every semester.* (Meets Ideas and Events of Western History)

**HIST 102 Survey of United States History II. 3 hours.** A broad survey of the major political and social developments from Reconstruction to the present. *Offered every semester.* (Meets Ideas and Events of Western History)

**HIST 103 Western Civilization I (to 1550 C.E.). 3 hours.** A survey of the peoples who have contributed to building the body of ideas and institutions known as the Western tradition; examination of the origins of ancient civilizations such as Greece and Rome, as well as medieval civilization; final emphasis on the Reformation and the effects of European civilization and the New World. *Offered every semester.* (Meets Ideas and Events of Western History)

**HIST 104 Western Civilization II (1550 C.E. - Present). 3 hours.** A survey of the peoples who have contributed to building the body of ideas and institutions of the Western tradition from 1550 to the present; exploration of the complex, historical journey from the time of Absolutism through the period of Enlightenment and onto the era of new ideologies and revolutions, total conflicts and eventual emergence of the new global environment. *Offered every semester.* (Meets Ideas and Events of Western History)

**HIST 220 Survey of Ancient Civilization. 3 hours.** A study of human evolution, the prehistoric era, and the civilizations of Mesopotamia, Egypt, Greece, and Rome up to the rise of Christianity. Examination of the contributions of each civilization to our cultural heritage in the fields of artistic and literary expression, law, politics, religion, social relationships, and technology, with emphasis on the evolving roles of women within each society. *Offered occasionally.* (Meets Ideas and Events of Western History)

**HIST 223 Survey of Medieval Civilization. 3 hours.** A study of the main features of western European civilization from the collapse of the Roman Empire in the west to about 1500 C.E. A survey of medieval ideas that laid the foundation for current values and beliefs regarding education, politics, religion, chivalry and more. *Offered fall semester of odd numbered years.* (Meets Ideas and Events of Western History)

**HIST 225 Renaissance and Reformation. 3 hours.** An

analysis of the political, cultural and religious events that brought change and turmoil to the people of Europe from the years 1350 to 1648. Special emphasis given to the variety of religious reformations during this period. *Offered spring of odd numbered years.* (Meets Ideas and Events of Western History)

**HIST 245 Survey of Modern European History. 3 hours.** A study of major developments in 20th century Europe: World War I, the rise of fascism and communism, the Depression, World War II, cold war, the collapse of communism, contemporary issues; a brief survey of the late 19th century precursors to these events. *Offered occasionally.* (Meets Ideas and Events of Western History)

**HIST 251 Slavery in Human History. 3 hours.** Exploration into the history and social, political and cultural significance of slavery and the slave trade in various societies and cultures; from slavery in the ancient world to transatlantic slave trade to slavery and its legacy in the modern era. *Offered fall semester.* (Meets Ideas and Events of Western History)

**HIST 283 American Social and Political Thought. 3 hours.** A study of major currents of social and political thought and their impact on culture and institutions in the U.S. *Offered occasionally.* Same as PLSC 283. (Meets Ideas and Events of Western History)

**HIST 302 U.S. Foreign Policy. 3 hours.** Examination of 20th century foreign policy, with the earlier events studied in light of their contribution to policies and practices of the later period. *Offered fall semester of odd numbered years.* Same as PLSC 302.

**HIST 321 Women in European History. 3 hours.** Exploration of the lives and voices of European women throughout history and the ideologies that Western society has projected concerning women. Examines the following issues thematically -- women and sexuality; women and the public sphere (work, religion, politics); women and revolution; women and the struggle for rights; and women in the twentieth century. (Meets Ideas and Events of Western History)

**HIST 322 Film and History: Joan of Arc, Myth and Reality. 3 hours.** This course examines medieval religion, warfare, and women within the context of the late Middle Ages, as well as providing a detailed encounter with the life of Joan of Arc as revealed in the inquisitorial and rehabilitation records. Five films will supplement the critical analysis of the myths and legends that surround the life of Joan of Arc. In what ways are interpretations of historical periods shaped by the camera lens? (Meets Artifacts of Western Culture)

**HIST 325 Gender & Culture: East Asia. 3 hours.** This course explores the complex relationships between women and culture in two major civilizations in East Asia: China and Japan. (Meets Minorities and Indigenous Cultures)

**HIST 330 The American Civil War. 3 hours.** The causes, nature and consequences of the Civil War; emphasis placed on political and social interpretations of the war as well as its military events. *Offered occasionally.*

**HIST 334 Russia and the Eurasian Republics. 3 hours.**

A study of the historic legacy of the multi-ethnic Russian state and the Eurasian republics. Emphasis on the resurgence of ethnicity and national identity, revival of religion and the emergence of new socio-political groups. *Offered fall semester.* (Meets Minorities and Indigenous Cultures)

**HIST 344 Modern Africa: Continuity and Change. 3 hours.** A survey of African developments from human origins to the present, with an emphasis on the events, themes and developments most directly related to the emergence of modern Africa. *Offered fall semester.* Same as PLSC 344. (Meets Minorities and Indigenous Cultures)

**HIST 346 History of Modern China. 3 hours.** An in-depth study of contemporary Chinese culture and history, with an examination of revolutionary movements and modernization. *Offered fall semester of odd numbered years.* (Meets Minorities and Indigenous Cultures)

**HIST 347 History of Modern Japan. 3 hours.** An in-depth study of contemporary Japanese history and culture examining the Meiji Restoration, Japanese expansion and interaction in Asia, World War II and the challenges faced by Japan after World War II. *Offered fall semester of even numbered years.* (Meets Minorities and Indigenous Cultures)

**HIST 360 Islam and Politics in the Modern Middle East. 3 hours.** Study of the historical development of modern political Islam from the nineteenth century to the present. Topics include Islamic sectarianism, religious minorities and the state in the Middle East and debate on the compatibility of Islam and liberal democracy. *Offered spring semester of even numbered years.* Same as PLSC 360. (Meets Minorities and Indigenous Cultures)

**HIST 374 Social History of India. 3 hours.** An introduction to the major social developments in Indian history from ancient civilization through the present. Focus on the history of the family as well as the development of Hindu belief and the effects of British imperialism. (Meets Minorities and Indigenous Cultures)

**HIST 375 Arab-Israeli Conflict. 3 hours.** An in-depth examination of the history of the Arab-Israeli conflict, tracing its historical, political, cultural and religious roots; the course also uses the Arab-Israeli conflict to address broad issues of international conflict and conflict resolution. *Offered fall of even numbered years.* Same as PLSC 375. (Meets Minorities and Indigenous Cultures)

**HIST 382 History of Witch-hunts and Persecution. 3 hours.** This course examines the history of persecution throughout history with a focus on the medieval and early modern time period. Studying medieval heresy, Jewish persecution, and the medieval inquisition gives insight into the ongoing struggle to define a unified Christendom. The class also examines the origins and development of the European witch-hunts. Students will draw comparisons to contemporary persecution in class research projects. (Meets Ideas and Events of Western History)

**HIST 385 Third World Conflicts. 3 hours.** A study of the Cold War conflicts with an emphasis on the role of developing countries; an analysis of specific Cold War

# University Honors Program

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controversies, particularly those that took place in the Third World; an examination of ideological, cultural and socio-historical aspects of the Cold War. *Offered spring semester.* Same as PLSC 385. (Meets Minorities and Indigenous Cultures)

**HIST 493 Senior Seminar: Historian's Craft. 3 hours.**

Learning the historian's craft through historiography, social history and archival work. *Offered fall semester.*

**HIST 290, 390, 490 Selected Topics. 1-3 hours each. See page 34.**

**HIST 291, 292, 391, 392, 491, 492 Research. See page 34.**

## University Honors Program

Eltjen Flikkema, director

The honors program provides an innovative and interdisciplinary curriculum which parallels the general education curriculum meeting the needs of honors students. Students are invited to participate in this program. Completion of the full honors program leads to the bachelor of arts with honors degree.

Departmental honors encourage superior, advanced students to do intensive, independent creative work in a field of concentration, usually their major. Successful completion of this program is noted on the diploma.

### University Honors Program

The honors program for Drury College of Drury University is designed to provide academically challenging courses which give an interdisciplinary dimension and enhancement to a student's field of major concentration. Students who complete this program will receive the degree of bachelor of arts with honors.

Students are admitted to the program by invitation from the honors committee. They may begin taking honors courses at any time after they are invited. Entering freshmen will be invited if they have a composite ACT of 27 (combined SAT of 1190) or above and a high school grade point average of 3.25 or above. During and after the freshman year, faculty members may recommend students for participation in the program. Students who have not previously participated in the honors program but who have achieved a cumulative grade point average of 3.5 or better may apply for acceptance into the program.

Freshmen and sophomores may take 200 level courses. Juniors and seniors may take 300 level courses. Seniors only may take the senior colloquium and research and admission to it requires approval from the honors committee. Courses completed to fulfill requirements of the honors program may not be taken on a satisfactory/unsatisfactory grading basis.

Drury University is a member of the National Collegiate Honors Council (NCHC). Students who are active in Drury's honors program are thus eligible to participate in the honors semester programs offered each year by the NCHC.

A recurrent theme in the Western tradition as well as in other traditions is the theme of the microcosm reflecting the macrocosm: the one illuminating the other. Among other places, it is a theme found frequently in contemporary physics and biology.

This idea is the basis of the honors curriculum which offers selected, exciting courses designed to develop the habits of thought of liberally educated persons — persons who recognize the connections and understand the specific in light of other disciplines, times, texts and ideas. Each course provides an opportunity for in-depth study while, at the same time, the course intent is to contribute to the student's understanding of the larger whole.

### Course Descriptions

**HNRS 201 Western Culture I. 3 hours.** This course will focus on a specific aspect of western culture during the time periods from the ancient Greek civilization through the Middle Ages.

**HNRS 202 Western Culture II. 3 hours.** This course is similar to HNRS 201 but will deal with subjects in the time periods from the Middle Ages to the present.

**HNRS 211 American Studies. 3 hours.** Further developing the theme of understanding our cultural heritage, this course will concentrate on some person, theme, time, controversy, etc. which will illuminate the understanding of American culture by looking at some specific aspect of our culture.

**HNRS 212 Alternative Cultures. 3 hours.** The purpose of this course is to provide students the opportunity to break away from the familiar in the interest of learning about something quite different from their own experience. Specific studies may include Third and Fourth World cultures, hypothetical societies, anthropology, sociobiology, subcultures, etc. By studying some subject in depth, students should come to a greater understanding of the nature of culture, of an alternative culture and of their own culture.

**HNRS 301 Great Ideas. 3 hours.** This course will focus on one of the "great ideas" such as beauty, truth, justice, goodness, liberty, equality, etc. It may be approached as intellectual history, but other approaches will also be taken. The idea chosen may be one which has had a great impact on civilization — evolution, relativity, etc.

**HNRS 302 Great Conversations. 3 hours.** This course will examine great dialogues or conversations, recognizing that culture progresses through discussion of the important themes and ideas. Subjects will normally examine in-depth dialogues which represent various, preferably opposing, views. Conversation will be broadly defined and a study might look at Classicism/Romanticism, free will/determinism, etc., through several historical periods.

**HNRS 290, 390, 490 Selected Topics. 3 hours.**

Upgrading.

**HNRS 401, 402 Senior Colloquium and Research. 2 hours each semester.** *Prerequisite: Two 200 level courses and one 300 level course in the honors program.* Working with a mentor, students develop a plan for individualized research, in-depth, into a subject of their interest. The senior colloquium meets weekly to discuss the research projects and to provide a community of scholars who can assist and support each other. During the second semester, students present their research paper to the colloquium for discussion and debate, thus entering the great conversations of our tradition. The papers must exhibit high standards of scholarship and they must illuminate the subject in its historical context and social significance. Evaluation is made by the honors committee.

**HNRS 221, 321 Academic Fellows. 1-3 hours.** Honors scholarship recipients may earn academic credit by participating in several kinds of service to the college community. They may serve as tutors in the writing center, tutors in math, as lab assistants and as academic fellows for departments and/or programs.

**HNRS 222, 322 Community Service. 1-3 hours.** Honors students can earn academic credit by interning with social service agencies. Recognizing that honors students will be community leaders, the community service experience is provided to assist the students in developing sensitivity to community and individual needs as well as developing an understanding of how those needs might be met. Forty (40) hours of service is required for each credit hour earned. S/

Course Title	Sem/Yr Offered	Requirement(s) Met
<b>HNRS 202 Western Culture II</b>		
HNRS 202 Gothic & Supernatural Lit	S01	Artifacts/Western Cult
HNRS 202 Spain and the Heart	S00	Ideas/Events West Hist
HNRS 202 Torture and Treachery: The Hunt for Witches in Early Modern Europe	S99, S00	Ideas/Events West Hist
HNRS 202 Understanding Holocaust	S03	Ideas/Events West Hist
HNRS 202 Women's Place in the Renaissance City	S03	Ideas/Events West Hist
<b>HNRS 211 American Studies</b>		
HNRS 211 African American Cultural Studies	S03	Minorities/Indigenous
HNRS 211 City and Suburb of the American Imagination	F02	Ideas/Events West Hist
HNRS 211 Cultural and Literary History of Route 66	S01	Artifacts/Western Cult
HNRS 211 Development of the American Business Enterprise	S00	Ideas/Events West Hist
HNRS 211 Presidential Rhetoric	F00	Ideas/Events West Hist
HNRS 211 Rhetoric of Vietnam	F99, S03	Ideas/Events West Hist
HNRS 211 Surfing: American Culture or Sub-Culture	S00	Ideas/Events West Hist
<b>HNRS 301 Great Ideas</b>		
HNRS 301 Beyond Civilization	F01, F02	Global Futures
HNRS 301 Does God Exist?	S99	Ideas/Events West Hist
HNRS 301 Ecology, Feminism & Religion	S02	Global Futures
HNRS 301 Floating the Cosmic Sea	F99, S00	Global Futures
HNRS 301 Great Actions	F98, S99	Global Futures
HNRS 301 History of Women Philosophers	S99-00-01	Ideas/Events West Hist
HNRS 301 Humanistic/Scientific Global Futures	S01	Global Futures
HNRS 301 Learning to Float in the Cosmic Sea	S99	Global Futures
HNRS 301 Marriage, Sex & Violence/Biblical Prophets	S99	Ideas/Events West Hist

# University Honors Program

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HNRS 301	Religion & the Quest for Meaning	S99	Artifacts/Western Cult
HNRS 301	StephenHawkingsUniverse	S99	Ideas/EventsWestHist
HNRS 301	The Mind/Body Problem	S00	Ideas/Events West Hist

## HNRS 302 Great Conversations

HNRS 302	Are We Free? The Ongoing Debate Over FreeWillv.,DeterminisminWesternThought	F00	Ideas/EventsWestHist
HNRS 302	Does God Exist?	F99	Ideas/Events West Hist
HNRS 302	Ecology, Religion, Feminism	S99, F99	Global Futures
HNRS 302	Freedom/Responsibility Dante/Eliot	F98	Values Inquiry
HNRS 302	Human Genome Project	S98, S02	Values Inquiry
HNRS 302	Sex, Lies, Textbooks/Plato	S98	Ideas/Events West Hist
HNRS 302	WhoisJesus?	S98, F98	Ideas/EventsWestHist
HNRS 302	Women and Islam	F99, F00	Minorities/Indigenous
HNRS 302	Women and Religion	S98	Minorities/Indigenous

## HNRS 290, 390, 490 Selected Topics

HNRS 290	Buddhism and the Joy of Being Awake	S00, F02	Minorities/Indigenous
HNRS 290	Understanding the Holocaust	S01	Ideas/Events West Hist
HNRS 390	Art & Literature of the Lost Generation	F02	Artifacts/Western Cult
HNRS 390	Contemporary Tibet	S01	Minorities/Indigenous
HNRS 390	Design Your Own Space Mission	S01	Undergraduate Research
HNRS 390	Eco-Form	S02	Creativity Explored
HNRS 390	Freedom's Rules: Markets and Politics from the Invisible Hand to the Handout	TBA	Political Science/Econ
HNRS 390	From Sleeping Dragon to Roaring Tiger	S02	Minorities/Indigenous
HNRS 390	From the Trümmer: Rebuilding Germany After WWII	S03	Artifacts/Western Cult
HNRS 390	Germany In/And Europe	S02	Ideas/Events West Cult
HNRS 390	Journey Through the Labyrinth	S03	Minorities/Indigenous
HNRS 390	Literature of the Lost Generation	TBA	Artifacts/Western Cult
HNRS 390	Medieval Philosophy & Gothic Cathedrals	F00	Artifacts/Western Cult
HNRS 390	Murder, Mystery and Mayhem	S00, S02	Artifacts/Western Cult
HNRS 390	Religion and the Quest for Meaning	S99	Artifacts/Western Cult
HNRS 390	Sci-Fi/Cy-Phi	S02	Artifacts/Western Cult
HNRS 390	Shakespeare and Ethics	S00	Values Inquiry
HNRS 390	Sin, Sacrifice & Celebration	S01	Creativity Explored
HNRS 390	Social History of India	S02, S03	Minorities/Indigenous
HNRS 390	The Bildungsroman of the Western World	TBA	Artifacts/Western Cult
HNRS 390	The Classical World in Contemporary Texts	TBA	Artifacts/Western Cult
HNRS 390	The Liberal Arts	S02	Artifacts/Western Cult
HNRS 390	The Mind-Body Problem	S00	Ideas/Events West Hist
HNRS 390	The Spiritual Life	F01	Ideas/Events West Hist
HNRS 390	These are Not Sweet Girls: Hispanic Women's Lit	F01	Artifacts/Western Cult
HNRS 390	Topics in Religion: From Babylon to Berlin	F01	Ideas/Events West Hist
HNRS 390	Toward Peace in the Holy Land: Arab/Israeli Conflict	F00, F02	Minorities/Indigenous
HNRS 390	WhoisJesus?	S02	Ideas/EventsWestHist

# International Business

## BreecSchoolofBusinessAdministration

Robert L. Wyatt, chair

The Breec School of Business Administration functions on the undergraduate level as the department of business administration. It also offers a master in business administration degree (M.B.A.) at the graduate level.

The undergraduate programs (accounting, business administration, computer information systems/e-commerce, economics and international business) of the Breec School of Business Administration are dedicated to providing academic preparation consistent with the highest professional standards and liberal arts tradition of Drury University. Programs in the five subject areas provide students the opportunity to learn and grow while gaining a deepening understanding of the role of business and economics of our society. The programs emphasize the development of effective leaders capable of analyzing values, thinking critically, communicating effectively, making sound decisions, integrating theoretical and practical knowledge, exercising personal and social responsibility, appreciating the value of lifelong learning and understanding business and its many positive contributions to a global society.

The curriculum is organized to give students a knowledge of business practices and economic processes; the part played by business and economics in historical development; and an awareness of the major business and economic concerns confronting society.

The Breec School of Business Administration offers lower division courses which contribute to the liberal education of the student, whatever the area of concentration may be. Programs of major study are offered in business administration, accounting, economics, international business and computer information systems/e-commerce.

### Learning Objectives

**Values.** Students learn to understand the difference between positive and normative analysis. They are also capable of recognizing an ethical quandary. Students should be able to take a position and defend it. They should be capable of creating integrative solutions, where possible. In addition, students should be aware of the wide diversity of perspectives and values. When confronted with an argument or policy position, they should be able to evaluate the soundness of that argument.

**Teamwork.** Students should demonstrate the ability to effectively participate, wherever appropriate, in a variety of teamwork and collaborative learning experiences such as case analysis and presentation, simulations, role plays and group research. As team members students should demonstrate basic management and facilitation skills including effective goal setting and problem solving.

**Autonomy.** Each student will be able to complete and present an effective analysis of a business problem. The student should demonstrate the ability to recognize and accept the tension inherent at times between teamwork and autonomy, and to defend the rationale for acting autonomously. Each student should also accept the responsibility for personal and professional development, including an appreciation of learning as a lifelong process.

**Global Perspective.** Students will be able to recognize, understand, evaluate, appreciate and tolerate a diversity of global perspectives including differences in culture, business practices, economic systems, trade agreements, criteria for success, feeling for well-being of ourselves and others, accounting practices, management theory and competition.

**Communication.** Students will be able to listen, read, speak and write effectively.

**Critical Thinking.** Students will develop critical and analytical thinking skills. These skills should include the ability to solve problems that involve both quantitative and qualitative factors. Students should be aware of current social, economic and political issues, especially those relating to the social responsibility of business.

# International Business

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## Admission Policy

Official admission to the Breech School of Business Administration is required\* to enroll in any upper-division course (numbered 300/400/500) with prefixes of ACCT, BADM, ECON.

To be admitted to Breech School of Business Administration, a student must:

- Be officially admitted to Drury University
- Complete a formal application to the Breech School of Business Administration declaring the major, minor, or special program that the student intends to pursue
- Have completed at least 42 hours of college level credit, including a minimum of 12 credit hours at Drury University
- Have completed all of the following preparatory courses (or their transfer equivalents) with a minimum grade of C in each of the following courses:
  - ACCT 209 Principles of Accounting
  - MATH 227 Statistics
  - MATH 203 Math and Inquiry or MATH 231 Calculus
  - BADM 228 Analytical Methods
  - GLST 201 Global Awareness or 3 hours from GP21 Values Inquiry menu
  - ECON 201 Basic Economic Theory
- Have an overall cumulative GPA of 2.75

**\* Probationary Admission.** A student not achieving the 2.75 overall GPA OR not achieving the required grades of C in the preparatory courses listed above may be granted one semester of probationary admission to the Breech School. During this semester, the student may enroll in a maximum of 6 hours of upper-division Breech School coursework. During this probationary semester, the student will be expected to meet all requirements for full admission by raising the cumulative grade GPA or by retaking any preparatory courses in which a grade of C or higher was not attained. Probationary admission cannot be granted to a student not achieving the required GPA AND a minimum grade of C in the specified preparatory courses.

**Notification of Admission.** Students will be notified in writing of their admission to the Breech School of Business Administration

**Students in other than Breech School Majors/Minors.** Students who must enroll in a Breech School 300/400 level offering to fulfill requirements of a program NOT offered through the Breech School of Business Administration will be exempt from this admission policy, but may be asked to identify their need for the upper-division course offering which, in most cases, would be a Selected Topic.

## International Business Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

ACCT 209	Principles of Accounting	3 hrs.
ACCT 210	Management Accounting	3 hrs.
BADM 170	Computer Applications and Tools	3 hrs.
BADM 228	Analytical Methods	3 hrs.
BADM 301	Principles of Management and Leadership	3 hrs.
BADM 337	Marketing	3 hrs.
BADM 350	Management Information Systems	3 hrs.
BADM 422	Corporate Policy and Responsibility	3 hrs.
BADM 431	Finance	3 hrs.
BADM 445	Senior Seminar in International Business	3 hrs.
BADM 446	Strategic Management	3 hrs.
ECON 201	Basic Economic Theory	4 hrs.
ECON 311	Price Theory	4 hrs.
ECON 461	International Economics	3 hrs.
Choose one of the following:		3 hrs.
BADM 319	Business Law I	
BADM 320	Business Law II	
BADM 321	Legal Environment of Business	
Choose one of the following:		3 hrs.
BADM 304	Organizational Behavior	
BADM 340	Project Management	

BADM 343	Entrepreneurship and Venture Management	
BADM 375	Human Resources Management	
BADM 376	Production Management	
BADM 476	Nonprofit Organizations	
Choose one of the following:		3 hrs.
BADM 397, 398, 497, 498	Internship (in overseas setting) or approved study abroad in business	
Choose one of the following:		3 hrs.
ECON 214	Applied Statistics	
MATH 227	Introduction to Statistics	
Choose one of the following:		3-4 hrs.
MATH 203	Mathematics and Inquiry	
MATH 231	Calculus I	

*International business majors will be required to complete a minor in a foreign language as advised by the department of languages. Students whose native language is not English will be required to complete a minor in English or Communication. The requirements of this major exceed the normal number of hours required for the completion of the bachelor of arts degree.*

### International Business Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

The minor in international business requires the student to, at a minimum, complete a minor in foreign language plus the following courses:

ACCT 209	Principles of Accounting	3 hrs.
ACCT 210	Management Accounting	3 hrs.
BADM 103	Introduction to Business	3 hrs.
BADM 170	Computer Applications and Tools	3 hrs.
BADM 301	Principles of Management and Leadership	3 hrs.
Choose one of the following:		3 hrs.
BADM 397, 398, 497, 498	Internship (in overseas setting) or approved study abroad in business	
ECON 201	Basic Economic Theory	4 hrs.

All students with an International Business major or minor are required to complete an overseas internship (BADM 397, 398, 497, 498) or an approved study abroad. Either the internship or the study abroad experience must take place in a setting where the student makes use of their foreign language. To qualify for either overseas experience, the student must have a minimum GPA of 3.0. If possible, an internship will involve working with a business in the host country. If study abroad is substituted for the overseas internship, approval must be granted by Dr. Paul Nowak, the international business advisor. Study abroad requires a detailed report of the experience as stipulated by the faculty sponsor. International students studying at Drury University may elect to do their internship abroad in other than their home country or with a local (domestic) company.

The faculty of the Breech School reserve the right to modify the above program and degree requirements at any time.

The Breech School also offers a unique opportunity for students to continue the study of international business with preferential admission to the International Master of Business Administration program at the University of Memphis through its partnering agreement with that institution. Information regarding admissions requirements is available at the Breech School office.

### Course Descriptions:

#### **ACCT 209 Principles of Accounting. 3 hours.**

*Prerequisite: MATH 203 or equivalent or permission of instructor.* Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures: receivables, inventories and fixed assets.

#### **ACCT 210 Management Accounting. 3 hours.**

*Prerequisite: ACCT 209.* Students participate in active learning that emphasizes the uses and limitations of accounting information. Study of accounting principles relating to management planning and control. Cost and

budgetary procedures, revenues and acquisitions.

#### **ACCT 312 Cost Management Systems. 3 hours.**

*Prerequisite: ACCT 209.* A study of the various accounting treatments and innovations in cost and performance measurement, including the accurate measurement of activity costs and the reduction of costs by continuous improvement.

#### **BADM 170 Computer Applications and Tools. 3 hours.**

This course is intended to provide students with a thorough understanding of critical business productivity tools. Utilizing lectures, hands-on exercises, cases and projects, students will be taught advanced word-processing, spreadsheet and presentation skills. Students will also be introduced to database query tools, group collaboration,



# International Business

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network connection, web page building and statistical applications. The integration of these tools will be emphasized throughout the course.

**BADM 228 Analytical Methods. 3 hours.**

*Prerequisite:* Knowledge of algebra, MATH 227 or ECON 214 or equivalent, BADM 170. Study of common techniques for quantitative analysis and decision making including probability distributions, forecasting models, multivariate correlation and regression, linear programming, queuing analysis and simulation. Team and individual research and problem solving, report writing and oral presentations. Critical evaluation of assumptions in decision making including qualitative considerations.

**BADM 301 Principles of Management and Leadership. 3 hours.**

*Prerequisite:* ACCT 209, 210 or 312. Introduction to management of organizations, including strategy, leadership and organizational design. Team projects in management research and critical analysis.

**BADM 304 Organizational Behavior. 3 hours.**

*Prerequisite:* BADM 301. Intermediate study of management of organizations, with emphasis upon dynamic organizational processes such as group decision making and organizational change. Relationships among strategy, structure and behavior examined through workshops, team and individual projects and simulations.

**BADM 319, 320 Business Law I and II. 3 hours each.**

These courses are designed to provide an understanding of the rules of law governing business and individuals in their transactions and conduct with each other. Contracts, agencies, negotiable instruments, sales, partnerships, corporations. Readings and discussion of cases.

**BADM 321 Legal Environment of Business. 3 hours.**

Foundations of legal reasoning, case analysis, legal dispute resolution and reporting, court systems and sources of law. Topics to be covered include torts, contracts, sales, product liability, consumer rights, employment, and antitrust law.

**BADM 337 Marketing. 3 hours.**

*Prerequisite:* ECON 201, MATH 227 or equivalent, or permission of instructor. Introduction to effective marketing concepts, strategies and practices. An analytical approach to recognition of alternative strategic paradigms and their effect on a firm's marketing. Ethical and social responsibilities of effective domestic and global marketing. Individual and team projects with operating sponsors.

**BADM 340 Project Management. 3 hours.**

*Prerequisite:* BADM 301. A study of management theory particular to the effective organization and leadership of programs and projects. Essential elements of this study include project planning, investments and evaluation, and the management of complex processes. The characteristic challenges of projects and programs, including sensitive time constraints, ad hoc structures, and work sequencing will be given particular attention.

**BADM 343 Entrepreneurship and Venture Management. 3 hours.**

*Prerequisite:* BADM 301. The

fundamentals of organizing a small business. Role and characteristics of the entrepreneur and problems of venture initiation. New venture creation and its management through the first several years of operation.

**BADM 350 Management Information Systems. 3 hours.**

*Prerequisite:* Permission of instructor. An introduction to the study of the design and application of management information systems in business.

**BADM 373 Human Resource Management. 3 hours.**

The recruitment and selection of employees, training programs, service records, efficiency ratings, wage policies, labor turnover, employee morale and the provision of services to employees will be discussed. Examination will be made of the personnel practices of several companies that developed outstanding personnel programs.

**BADM 376 Production Management. 3 hours.**

*Prerequisite:* BADM 228, MATH 203, 231, ACCT 209, ACCT 210 or 312. Study of production and operations function. Development of product, process and location strategies; operations layout; work measurement, productivity, learning curves; procurement methods; aggregate planning; inventory models, just-in-time methods; material requirements planning; total quality management, teamwork and quality control techniques; maintenance strategy. Issues related to international production. Team projects including on-site tours, case analysis, design of original POM strategy and operations simulation; written and oral reports.

**BADM 422 Corporate Policy and Responsibility. 3 hours.**

*Prerequisite:* Senior standing, BADM 301, 337, 431, ECON 311, 312, or permission of instructor. Study of the roles, responsibilities and challenges of business in modern global society. Case analyses and research discussed in seminar format. Emphasis upon critical thinking, effective communication and development of socially responsible business leadership.

**BADM 431 Finance. 3 hours.**

*Prerequisite:* BADM 170, 228; ACCT 209; ACCT 210 or 312; MATH 203 or 231; or permission of instructor. This course is an investigation of the study of finance and its implications. Topics covered include: financial statement analysis, the financial environment, risk, time value of money, stock, bond and firm evaluation, financing, financial institutions and multinational finance. The course emphasizes that financial managers must deal with various models, assumptions and cultures and are often called upon to make decisions based on qualitative as well as quantitative factors.

**BADM 445 Senior Seminar in International Business. 3 hours.**

This senior seminar will allow the student to focus in-depth on current issues, trends, and events in international business. Current readings and in-depth class discussions will be the class format. Each student will prepare a formal paper and presentation on a topic area agreed upon with the instructor.

**BADM 446 Strategic Management. 3 hours.**

*Prerequisite:* Senior standing, BADM 301, 337, 376, 431, or

*permission of instructor.* Capstone course. Integrative, strategic application of diverse analytical approaches to decision making. Individual and team projects including oral and written presentations. Emphasis on using socially responsible and ethical means of dealing with complex situations. Global policy formulation and application with extensive use of cases.

**BADM 476 Nonprofit Organizations. 3 hours.** This course is designed to support the Arts Administration major, but is an appropriate elective for several majors, such as Business Administration and Public Relations. The focus of the course is on the development and ongoing operation of nonprofit organizations, particularly those involved in the arts. Incorporation, taxation, financial reporting, marketing, donor database management, contracting and personnel issues are examples of topics covered.

**BADM 497, 498 Internship. See page 34.** (International internships require a cumulative GPA of 3.0.)

**ECON 201 Basic Economic Theory. 4 hours.** *Prerequisite: Math 109 or equivalent or permission of instructor.* Students will be introduced to the way market economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

**ECON 214 Applied Statistics. 3 hours.** *Prerequisite: MATH 109 or equivalent, BADM 170 or equivalent, or permission of instructor.* Study of fundamental statistical techniques and applications in business and economics including the collection, organization and presentation of data; measures of central tendency and dispersion; probability rules and distributions; sampling distribution and sampling methods; hypothesis testing and chi square applications; simple correlation and regression; index numbers. Individual and team research projects, written and oral reports. Consideration of ethical issues in the field of statistics. Computer lab assignments.

**ECON 311 Price Theory. 4 hours.** *Prerequisite: ECON 201, knowledge of algebra.* Students will use economic models to explore how free markets can lead to the most efficient use of society's scarce resources. The problems posed by monopoly and other forms of market failure will be analyzed along with other real-world issues.

**ECON 461 International Economics. 3 hours.** *Prerequisite: ECON 311 or permission of instructor.* Basic theory and problems of international trade. Monetary exchange problems in relations between countries. The gold standard and manage paper currencies.

**MATH 203 Mathematics and Inquiry. 3 hours.** In this course, students will develop quantitative and abstract reasoning abilities necessary to solve complex problems. Literacy in mathematics is developed, with concepts and skills from such areas as algebra, trigonometry, calculus, probability, statistics and computer science. This course will address critical thinking and problem-solving skills, not simply numerical manipulations related to a single subdiscipline of mathematics. Emphasis will be placed on defining and setting up problems; understanding the steps required to solve various types of problems; understanding the factual information and quantitative abilities required for problem solving; and understanding how necessary information can be obtained from text material, resource individuals and computer resources.

**MATH 227 Introduction to Statistics. 3 hours.** *Prerequisite: MATH 100 or equivalent.* A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

**MATH 231 Calculus I. 4 hours.** *Prerequisite: MATH 109 and 110 or equivalent.* A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

## Journalism

### Department of Communication

Ron Schie, chair

The Journalism major is for the student seeking a career in reporting, editing, news design, photojournalism and online journalism. Not only must they take a broad selection of courses, Journalism majors are encouraged to become involved in numerous extracurricular activities.

Journalism majors are required to build on the base of broad liberal arts education and Drury's core requirements with a series of professional courses designed to reflect the state of the art in the industry. The major has been designed to prepare students to use electronic technologies in information searches and analysis. Students often work on *The Mirror* (the student paper).

#### Journalism Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

COMM 206	Foundations of Communication	3 hrs.
COMM 221	Media Writing	3 hrs.
COMM 264	Persuasive Communication	3 hrs.
COMM 320	Reporting	3 hrs.
COMM 322	Media Law and Ethics	3 hrs.
COMM 323	Publication Editing, Design and Management	3 hrs.
COMM 324	Feature Writing	3 hrs.
COMM 353	Mass Media and Society	3 hrs.
COMM 494	Documentary	3 hrs.
Choose three of the following recommended electives:		9 hrs.
COMM 181-184	Journalism Activities	
COMM 201	Interpersonal Communication	
COMM 219	Principles of Advertising and Public Relations	
COMM 282	Media Applications	
COMM 283	Oral Interpretation	
COMM 358, 359	Advanced Journalism Activities I & II	
COMM 387	Organizational Communication	
COMM 390-490	Selected Topics	
COMM 397, 398, 497, 498	Internship	
COMM 402	Broadcast Journalism	

There are numerous extracurricular activities that are available within the Communication department community. Journalism majors are encouraged to participate on *The Mirror* (student paper), as well as KDRU (student radio station) and DUTV (student TV station). Of course, Journalism majors are invited to join the other Communication department activities: Advertising Club, DC Networks, Mock Trial competitions, or Speech and Debate.

It is strongly recommended that all Journalism majors have at least one internship before graduation.

**Course Descriptions:** *(For a complete list of Communication courses see page 221.)*

**COMM 181, 182, 183, 184 Journalism Activities. 1 hour each.** Practical activities associated with student paper or university publications. (Meets Creativity Explored)

**COMM 201 Interpersonal Communication. 3 hours.** An analysis of theoretical approaches to the study of interpersonal communication and the role of interpersonal communication in the development and maintenance of human relationships.

**COMM 206 Foundations of Communication. 3 hours.** Introduction to the study of communication, including the major theories and research methods used in communication studies. Required of all communication department majors.

**COMM 219 Principles of Advertising and Public Relations. 3 hours.** Introduction to all aspects of advertising and public relations, including history, philosophies, people, the relationship between the fields, the diversity of opportunity and to the processes, quantitative, strategic and aesthetic, by which information and ideas are effectively communicated

to target audiences.

**COMM 221 Media Writing, 3 hours.** Principles and practices of writing for print and broadcast journalism, public relations and advertising, with techniques for gathering material upon which to base such writing.

**COMM 264 Persuasive Communication, 3 hours.** A study of the persuasive process. Students study basic theories of persuasion and public speaking. Practical applications are made by presenting persuasive speeches and critical projects. Required of all communication department majors.

**COMM 282 Media Applications, 3 hours.** Principles of effective communication utilizing electronic media. Students gain practical knowledge and skills in producing messages for radio and television.

**COMM 283 Oral Interpretation I, 3 hours.** Introduction to basic oral interpretation of the printed page. Same as THTR 283. (Meets Creativity Explored)

**COMM 320 Reporting, 3 hours.** *Prerequisite: COMM 206 and 221.* Puts into practice the news writing fundamentals and journalistic principles presented in COMM 221. Students gain experience in reporting by covering campus news events.

**COMM 322 Media Law and Ethics, 3 hours.** A survey of federal, state and municipal laws governing freedom of speech and commerce in journalism, public relations and advertising, with an exploration of ethical guidelines for professional behavior. Required of all communication department majors.

**COMM 323 Publication Editing, Design and Management, 3 hours.** Principles and practices of editing and design techniques applicable to newspapers, magazines, newsletters, yearbooks and corporate publications. Exploration of work-management strategies for editorial organizations.

**COMM 324 Feature Writing, 3 hours.** *Prerequisite: COMM 320.* Builds upon news writing fundamentals and journalistic principles presented in COMM 221, venturing beyond the reporting of routine events and into the realm of feature stories that illuminate, explain and entertain.

**COMM 353 Mass Media and Society, 3 hours.** The history and current status of mass media in America, including newspapers, magazines, books, motion pictures, the recording industry, radio and television and media effects upon society. Required of all communication department majors.

**COMM 358, 359 Advanced Journalism Activities I & II, 2 hours each.** Practical activities associated with student or college publications. Reserved for students holding editorial or other advanced positions on publications.

**COMM 387 Organizational Communication, 3 hours.** This course focuses on communication as a process variable which affects the internal functions of an organization. It is concerned with organizational structures and practices which can either enhance or impede the free flow of information. Students will study the dynamics of organizational communication in a project based on the communication audit of a local organization.

**COMM 402 Broadcast Journalism, 3 hours.** *Prerequisite: COMM 206 and 221.* Contemporary practice in broadcast journalism. Student will learn to identify, write, videotape, edit and narrate news stories for television.

**COMM 494 Documentary, 3 hours.** Students will identify the subject for a documentary, then research, write and produce a half-hour video documentary suitable for broadcast. This is the capstone course for majors in speech communication, journalism and broadcast and should be taken the senior year.

**COMM 290, 390, 490 Selected Topics, 1-3 hours.** See page 34.

**COMM 391, 392, 491, 492 Research.** See page 34.

**COMM 397, 398, 497, 498 Internship.** See page 34.

# Languages

## Department of Languages

Eltjen J. Flikkema, chair

The curriculum of the department of languages is designed to introduce all Drury students to selected languages of the world and their cultural and literary traditions. Language majors are prepared for graduate studies and also for careers in a variety of fields including teaching, international business and foreign service. We offer majors and minors in French, German and Spanish.

### Course Descriptions:

**GREE 101, 102 Elementary Greek I and II. 4 hours each.** For beginners. Designed to develop, in two semesters, an elementary proficiency for communicating in Greek and to intensify familiarity with the cultural values of Greek peoples. GREE 101 is taught in the spring semester in preparation for second semester of study in Greece.

**GREE 103 Introduction to Biblical Greek I. 3 hours.** An introduction to the elements of New Testament (Koine) Greek with emphasis on grammar, vocabulary and syntax.

**GREE 104 Introduction to Biblical Greek II. 3 hours.**

*Prerequisite:* GREE 103. A continuation of GREE 103 with emphasis on verbs and participles. We will translate sections of the New Testament and the Septuagint.

**HEBR 101, 102 Introduction to Biblical Hebrew I and II. 3 hours each.** Designed to develop in two semesters an elementary proficiency for communicating in Hebrew and some familiarity with the cultural values of Hebrew people.

**LLIT 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

# Library Science

Stephen K. Stoan, chair

The library provides support for all academic programs by making available books, periodicals, electronic resources and other materials needed to enlarge the classroom experience. Students who are competent in the use of the library develop a combination of knowledge, skills and attitudes which enrich their learning experiences throughout life.

### Course Descriptions:

**LIBR 359 The Printed Book as Art and Artifact, 1450-1850. 3 hours.** An introduction to printing history and the history of the book. This course examines the development of printing, including the development of allied arts such as type-cutting and casting, papermaking, bookbinding and illustration. It also seeks to study the cultural contexts of printing and the book, with special emphasis on the rise of a reading public. Throughout the course, students will

examine and handle examples from the library's rare book collection. Same as ARTS 359. (Meets Artifacts of Western Culture)

**LIBR 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**LIBR 391, 392, 491, 492 Research.** See page 34.

# Mathematics

## Department of Mathematics and Computer Science

Robert L. Robertson, chair

The department of mathematics and computer sciences provides students with courses for general knowledge and for career preparation. We stress the development of critical thinking skills, the integration of theory with practical applications and the understanding of concepts of mathematics. Mathematics courses numbered 300 or higher are typically offered once every four semesters on a rotating basis.

### Mathematics Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

The major in mathematics prepares students for careers or graduate school in the mathematical sciences. We encourage mathematics majors to participate in research. These courses are required for a major in mathematics:

MATH 231	Calculus I	4 hrs.
MATH 232	Calculus II	4 hrs.
MATH 233	Calculus III	4 hrs.
MATH 234	Introduction to Mathematical Proof	3 hrs.
MATH 235	Linear Algebra	3 hrs.
MATH 301	Abstract Algebra	3 hrs.
MATH 421	Real Variables	3 hrs.
MATH 493	Senior Seminar	3 hrs.
Choose one of the following:		3 hrs.
MATH 227	Introduction to Statistics	
MATH 327	Mathematical Statistics	
Choose one of the following:		3 hrs.
MATH 330	Geometry	
MATH 440	Topology	
Choose one of the following:		3 hrs.
MATH 326	Probability Theory	
MATH 340	Numerical Analysis	
MATH 366	Differential Equations	
MATH 432	Complex Variables	
MATH 390, 490	Selected Topics	

### Mathematics and Education Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

Students completing a double major in mathematics and secondary education have the following requirements for their mathematics major. These meet the specifications of the accrediting agencies for the secondary education program and provide the students with the specific background that will prepare them for teaching high school mathematics courses now and in the future. The requirements are:

MATH 231	Calculus I	4 hrs.
MATH 232	Calculus II	4 hrs.
MATH 233	Calculus III	4 hrs.
MATH 234	Introduction to Mathematical Proof	3 hrs.
MATH 235	Linear Algebra	3 hrs.
MATH 241	Discrete Mathematics	3 hrs.
MATH 301	Abstract Algebra	3 hrs.
MATH 330	Geometry	3 hrs.
MATH 421	Real Variables	3 hrs.
MATH 493	Senior Seminar	3 hrs.

# Mathematics

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Choose one of the following:

MATH 227 Introduction to Statistics  
MATH 327 Mathematical Statistics

3hrs.

We recommend that the students also take MATH 366 Differential Equations, MATH 326 Probability Theory and MATH 327 Mathematical Statistics since these areas of study are becoming popular high school topics.

## Mathematics Minor:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

The minor in mathematics supports students who are planning careers in areas which rely on applications of mathematics. The required courses for the minor are:

MATH 231	Calculus I	4hrs.
MATH 232	Calculus II	4 hrs.
MATH 233	Calculus III	4 hrs.
MATH 235	Linear Algebra	3 hrs.

Choose one of the following:

MATH 301	Abstract Algebra	3 hrs.
MATH 326	Probability Theory	
MATH 327	Mathematical Statistics	
MATH 330	Geometry	
MATH 340	Numerical Analysis	
MATH 366	Differential Equations	
MATH 421	Real Variables	
MATH 432	Complex Variables	
MATH 440	Topology	
MATH 390, 490	Selected Topics	

In addition to the required courses, we recommend the course MATH 234 Introduction to Mathematical Proof.

## Course Descriptions:

**MATH 100 Intermediate Algebra. 3 hours.** The traditional topics of intermediate algebra through quadratic equations and functions. *Currently offered after 5 p.m. only.*

**MATH 101 Fundamental Mathematical Concepts I. 3 hours.** Development of the number systems - whole numbers through real numbers. Also problem solving strategies, functions, elementary logic and set theory are included. *Currently offered after 5 p.m. only.*

**MATH 102 Fundamental Mathematical Concepts II. 3 hours.** An introduction to geometric concepts, measurement, probability, statistics and basic computer concepts. *Currently offered after 5 p.m. only.*

**MATH 109 College Algebra. 3 hours.** *Prerequisite: one year of high school algebra and one year of high school geometry.* A study of functions and graphs, solutions of equations and inequalities and the properties of polynomial, rational, exponential and logarithmic functions.

**MATH 110 Trigonometry. 3 hours.** *Prerequisite: MATH 109 or two years of high school algebra and one year of high school geometry.* The study of trigonometric, logarithmic and exponential functions and their applications. *Currently offered once a year.*

**MATH 203 Mathematics and Inquiry. 3 hours.** In this course, students will develop quantitative and abstract reasoning abilities necessary to solve complex problems. Literacy in mathematics is developed, with concepts and skills from such areas as algebra, trigonometry, calculus, probability, statistics and computer science. This course will address critical thinking and problem-solving skills, not simply numerical manipulations

related to a single subdiscipline of mathematics. Emphasis will be placed on defining and setting up problems; understanding the steps required to solve various types of problems; understanding the factual information and quantitative abilities required for problem solving; and understanding how necessary information can be obtained from text material, resource individuals and computer resources.

**MATH 204 Preparation for the Praxis Examination. 2 hours.** This course serves as preparation for the Mathematics Content Knowledge section of the Praxis Examination. Mathematics education majors should take this course prior to taking the Praxis examination. This course includes a review of mathematical content for the examination. In addition, students taking this course are provided with an opportunity to work with and teach students who are currently taking Mathematics and Inquiry.

**MATH 227 Introduction to Statistics. 3 hours.** *Prerequisite: MATH 100 or equivalent.* A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

**MATH 228 Applied Statistics in Exercise and Sport Science. 3 hours.** *Prerequisite: MATH 100 or equivalent.* The course contains the mathematical basis for statistics including descriptive measures, probability and hypothesis testing. Some applications in exercise science will include tests, ANOVA, correlation and regression. Same as EXSP 228. Credit will

not be given for both MATH 227 and MATH/EXSP 228.

**MATH 231 Calculus I. 4 hours.** *Prerequisite:* MATH 109 and 110 or equivalent. A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

**MATH 232 Calculus II. 4 hours.** *Prerequisite:* C or better in MATH 231. Continuation of Calculus I including techniques of integration and infinite series.

**MATH 233 Calculus III. 4 hours.** *Prerequisite:* C or better in MATH 232. Functions of two variables, partial differentiation, applications of multiple integrals to areas and volumes, line and surface integrals, vectors.

**MATH 234 Introduction to Mathematical Proof. 3 hours.** *Prerequisite:* MATH 231 (MATH 232 recommended). A careful introduction to the process of constructing mathematical arguments, covering the basic ideas of logic, sets, functions and relations. A substantial amount of time will be devoted to looking at important forms of mathematical argument such as direct proof, proof by contradiction, proof by contrapositive and proof by cases. Applications from set theory, abstract algebra, or analysis may be covered at the discretion of the instructor.

**MATH 235 Linear Algebra. 3 hours.** *Prerequisite:* MATH 232. Study of linear transformations, matrices, vector spaces.

**MATH 241 Discrete Mathematics. 3 hours.** *Prerequisite:* MATH 109 or Algebra II in high school or permission of instructor. This course includes propositional logic, induction and recursion, number theory, set theory, relations and functions, graphs and trees, and permutations and combinations. Same as CSCI 241.

**MATH 283, 383 Reflections on Mathematics Seminar. 1 hour.** This seminar course is open to all students majoring or minoring in mathematics and/or computer science. The seminar is intended to be an opportunity for students at all levels to discuss mathematics in light of topics that tie in with the University's 'Theme Year'. Students may earn up to 4 credits for this course during their tenure at Drury University.

**MATH 301 Abstract Algebra. 3 hours.** *Prerequisite:* MATH 234, 235. The elementary properties of groups, rings and fields are developed.

**MATH 326 Probability Theory. 3 hours.** *Prerequisite:* Grade of C or better in MATH 232 or permission of instructor. This course includes an introduction to probability theory, discrete and continuous random variables, mathematical expectation, and multivariate distributions.

**MATH 327 Mathematical Statistics. 3 hours.** *Prerequisite:* Grade of C or better in MATH 326 or permission of instructor. This course takes the material from MATH 326 into the applications side of statistics including: functions of random variables, sampling distributions, estimations, and hypothesis testing.

**MATH 330 Geometry. 3 hours.** *Prerequisite:* MATH 234. Foundations of Euclidian geometry from the axioms of Hilbert and an introduction to non-Euclidian geometry.

**MATH 340 Numerical Analysis. 3 hours.** *Prerequisite:* MATH 235 and CSCI 251. Numerical techniques for finding mathematical solutions are studied. These algorithms are implemented in computer systems for solving mathematical problems. Included are approximating solutions of equations and numerical differentiation and integration. Numerical solutions for differential equations and linear systems may also be studied. Same as CSCI 340.

**MATH 366 Differential Equations. 3 hours.** *Prerequisite:* MATH 233. A first course in ordinary differential equations.

**MATH 421 Real Variables. 3 hours.** *Prerequisite:* MATH 233, 234, 301 recommended. Real number system, set theory, continuity, differentiability.

**MATH 432 Complex Variables. 3 hours.** *Prerequisite:* MATH 233, 234. A study of complex numbers, analytic functions, complex integration, residues and series.

**MATH 440 Topology. 3 hours.** *Prerequisite:* MATH 234. An introduction to point-set topology. Metric spaces, connectedness, completeness, compactness are some of the topics discussed.

**MATH 493 Senior Seminar. 3 hours.** The history and philosophy of mathematics are discussed in a seminar setting. Students integrate their study of mathematics throughout their undergraduate years and explore the connections among mathematics, the Global Perspectives curriculum and other courses they have pursued. Departmental assessment of the major is included. This course is designed to be a capstone experience taken during the final semester of the senior year.

**MATH 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**MATH 291, 292, 391, 392, 491, 492 Research.** See page 34.



# Medical Technology

Scott Petrich, director of pre-medical sciences

Courses are offered which will meet the requirements of the National Accrediting Agency for Clinical Laboratory Sciences for admission to an American Medical Association approved school of medical technology. Drury University is affiliated with the Lester E. Cox Medical Center School of Medical Technology in Springfield and St. John's Medical Center, Joplin.

After completion of a minimum of 94 hours (including all requirements for graduation except senior residence) a student will be eligible for a bachelor's degree from Drury University upon completion of the medical technology course. Drury accepts 30 hours of college credit for the medical technology course, 18 of which are considered upper-division (300-400 level).

Education requirements for admission to a school of medical technology approved by the National Accrediting Agency for Clinical Laboratory Sciences are as follows:

Three years (90 semester hours) of college training in any college or university approved by a recognized regional accrediting agency. Training should include: Biology: a minimum of 16 semester hours is required. Microbiology and immunology must be included in the curriculum. Genetics, human physiology, anatomy, parasitology and pathogenic bacteriology are recommended. Chemistry: a minimum of 16 semester hours is required. One full year of general college chemistry, which may include qualitative analysis and organic chemistry, must be included. The remaining courses may be selected from other chemistry courses having as their prerequisite one full year of general chemistry. Instrumental analysis, quantitative analysis and biochemistry are strongly recommended. Mathematics: a minimum of one semester of college algebra is required. Statistics is strongly recommended. Physics: two semesters of introductory physics are strongly recommended. Electives: a broad general education in English, social science, arts and humanities is desirable.

### Course descriptions for the medical technology programs at the Cox program are:

**MEDT 401 Clinical Microbiology. 7-9 hours.** Theory and techniques of cultivation, isolation and identification of bacteria, fungi, parasites and viruses; determination of sensitivity to antimicrobial agents; clinical correlation to disease states; asepsis; environmental monitoring; quality control; quality improvement.

**MEDT 402 Clinical Microscopy. 1-2 hours.** Principles and techniques of the physical, chemical and microscopic examination of urine and other body fluids as related to the disease process.

**MEDT 403 Clinical Hematology and Coagulation. 6-8 hours.** Theory of blood cell formation; disease states; hemostasis; microscopic examination of blood/bone marrow films; practical experience with instruments and techniques that determine major hematologic and coagulation parameters; quality control; quality improvement.

**MEDT 404 Clinical Biochemistry. 8-10 hours.**

Identification and quantification of specific chemical substances in blood and body fluids by analytical techniques; clinical correlation and disease states; principles of instrumentation; data processing; toxicology; quality control; quality improvement.

**MEDT 405 Diagnostic Immunology. 2-4 hours.** Antigen/antibody structure, function and interaction; basic principles and procedures of humoral and cellular immunology; performance and clinical correlation of serologic testing; basic flow cytometry; quality control; quality improvement.

**MEDT 406 Immunohematology. 3-4 hours.** Major blood group systems; principles and procedures for antigen/antibody detection, identification, donor blood collection, preservation, processing, component therapy; transfusion reaction evaluation; Rh immune globulin evaluation; quality control; quality improvement.

# Medieval Studies

Shelley Wolbrink, coordinator

The Medieval Studies minor reflects the interdisciplinary approach of the liberal arts tradition, allowing students to integrate a wide range of disciplines into the knowledge of a single historical period - the Middle Ages. Drawing on expertise from the fields of art, architecture, history, religion, philosophy, and literature, students and faculty will concentrate on the time period in European history from 500 to 1500 C.E. During this time, we see the development of universities, parliaments, and banks, as well as the emergence of cathedrals, chivalry as a code of personal and political conduct, cities as centers of commerce, and the increasing use of vernacular languages for public functions.

The Medieval Studies minor offers preparation for students considering careers in education, publishing, museum administration, archival work, and public service. For students contemplating their career plans, this minor provides a rigorous and broad-based liberal arts education that future employers will identify as evidence of creativity and critical thinking skills. Since the medieval coursework also fulfills GP21 requirements such as Artifacts of Western Culture and Ideas and Events of Western History, it is possible to complete the Medieval Studies minor as part of the general education requirements.

## Medieval Studies Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

### Required Course:

HIST 223	Survey of Medieval Civilization	3 hrs.
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Choose a total of 12 hours* from the following areas:	12 hrs.
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#### History:

HIST 322	Film and History: Joan of Arc, Myth and Reality
HIST 382	History of Witch-hunts and Persecution
HIST 390, 490	Selected Topics

#### English:

ENGL 221	Literature of the Middle Ages & Renaissance
ENGL 390, 490	Selected Topics

#### Philosophy/Religion:

PHIL/RELG 307	History of Medieval Philosophy
PHIL 390, 490	Selected Topics
RELG 390, 490	Selected Topics

#### Art/Architecture:

ARTS/ARCH 342	History of Medieval Art and Architecture
ARTS/ARCH 390, 490	Selected Topics

#### Independent Research

ARTS, ENGL, HIST, PHIL, RELG 391, 392, 491, 492 Research
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*(Prerequisite for Research is at least 9 hours of Medieval Studies coursework)*

\* Choose no more than 9 hours in any discipline.

## Course Descriptions:

**ARTS 342 History of Medieval Art and Architecture. 3 hours.** An in-depth examination of art and architecture from the collapse of the Roman Empire through the end of the Gothic era. The course covers early Christian, Byzantine, early Medieval, Islamic, Romanesque and Gothic developments. Same as ARCH 342.

**ARTS/ARCH 390, 490 Selected Topics. See page 34.**

**ENGL 221 Literature of the Middle Ages and Renaissance. 3 hours.** A study of the development of British literature from its Anglo-Saxon origins through the Tudor and Stuart periods. Writers to be studied will likely

include Chaucer, the Gawain poet, Malory, More, Shakespeare, Donne, Jonson and Milton. (Meets Artifacts of Western Culture)

**ENGL 390, 490 Selected Topics. See page 34.**

**HIST 223 Survey of Medieval Civilization. 3 hours.** A study of the main features of western European civilization from the collapse of the Roman Empire in the west to about 1500 C.E. A survey of medieval ideas that laid the foundation for current values and beliefs regarding

# Middle East Studies

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education, politics, religion, chivalry and more. *Offered fall semester of odd numbered years.* (Meets Ideas and Events of Western History)

**HIST 322 Film and History: Joan of Arc, Myth and Reality. 3 hours.** This course examines medieval religion, warfare, and women within the context of the late Middle Ages, as well as providing a detailed encounter with the life of Joan of Arc as revealed in the inquisitorial and rehabilitation records. Five films will supplement the critical analysis of the myths and legends that surround the life of Joan of Arc. In what ways are interpretations of historical periods shaped by the camera lens? (Meets Artifacts of Western Culture)

**HIST 382 History of Witch-hunts and Persecution. 3 hours.** This course examines the history of persecution throughout history with a focus on the medieval and early modern time period. Studying medieval heresy, Jewish persecution, and the medieval inquisition gives insight into the ongoing struggle to define a unified Christendom.

The class also examines the origins and development of the European witch-hunts. Students will draw comparisons to contemporary persecution in class research projects. (Meets Ideas and Events of Western History)

**HIST 390, 490. Selected Topics. See page 34.**

**PHIL 307 History of Medieval Philosophy. 3 hours.** An introduction to prominent figures and doctrinal developments in the history of medieval philosophical thought from the fourth through the fourteenth centuries. The course examines medieval reflections on the existence, nature and knowability of God, the origin and architecture of the universe, the human person, the freedom of the human will, human knowledge, the relation between faith and reason, and theology and philosophy, as well as related ethical and political issues. Same as RELG 307. (Meets Ideas and Events of Western History)

**PHIL 390, 490 Selected Topics. See page 34.**

# Middle East Studies

Hooshang Pazaki, coordinator

Middle East Studies is part of the liberal arts tradition and is compatible with Drury's goals. Its specific objectives are to:

1. Develop an in-depth familiarity with the social, artistic, religious, historical, economic and political features of the Middle East.
2. Encourage an interconnected, interdisciplinary understanding of the Middle East.
3. Enhance student appreciation of the value of interdisciplinary work.
4. Create skills in writing, oral communication, and critical thinking, and
5. Foster engagement in world affairs.

The learning objectives of the minor will be assessed regularly by the coordinator and participating faculty members.

## Middle East Studies Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

### Required Course:

RELG 202 Religions of the World: Middle Eastern 3 hrs.

Choose a total of 12 hours from the following areas: 12 hrs.

ARTS/ARCH 365 Islamic Art and Architecture  
HIST/PLSC 360 Islam and Politics in the Modern Middle East  
HIST/PLSC 375 Arab-Israeli Conflict  
PLSC 365 Egypt and the Third World  
SOCI 351 Cultures of the Middle East  
SOCI 355 Islam and Women  
ARTS, HIST, PLSC SOCI, RELG 391, 392, 491, 492 Independent Research  
(prerequisite for Research is at least 9 hours of Middle East coursework.)

### Course Descriptions:

**ARTS 365 Islamic Art and Architecture. 3 hours.** An in-depth examination of Islamic art and architecture in its

formative period from the seventh through the fourteenth centuries. This course seeks an understanding of Islamic art and architecture in its cultural context by locating both its unique characteristics and its roots in Sassanian, Byzantine and Arabic traditions. Same as ARCH 365. (Meets Minorities and Indigenous Cultures)

**HIST 360 Islam and Politics in the Modern Middle East. 3 hours.** Study of the historical development of modern political Islam from the nineteenth century to the present. Topics include Islamic sectarianism, religious minorities and the state in the Middle East and debate on the compatibility of Islam and liberal democracy. *Offered spring semester of even numbered years.* Same as PLSC 360. (Meets Minorities and Indigenous Cultures)

**HIST 375 Arab-Israeli Conflict. 3 hours.** An in-depth examination of the history of the Arab-Israeli conflict, tracing its historical, political, cultural and religious roots; the course also uses the Arab-Israeli conflict to address broader issues of international conflict and conflict resolution. *Offered fall semesters of even numbered year.* Same as PLSC 375. (Meets Minorities and Indigenous Cultures)

**PLSC 365 Egypt and the Third World. 3 hours.** Examination of Egypt as a case study to illuminate common issues and themes among developing countries and to explore the diversity of historical experiences, political

systems, economic realities and social/cultural values in the Third World. *Offered spring semester of odd numbered years.* (Meets Minorities and Indigenous Cultures)

**RELG 202 Religions of the World: Middle Eastern. 3 hours.** A comparative study of the major ideas of those religions most directly related to and influencing the West: Zoroastrianism, Islam, Judaism and Christianity. *Offered annually.* (Meets Ideas and Events of Western History)

**SOCI 351 Cultures of the Middle East. 3 hours.** *Prerequisite: GLST 201 Global Awareness and Cultural Diversity, SOCI 101 or permission of the instructor.* Considers the social norms and cultural institutions of the Middle East. (Meets Minorities and Indigenous Cultures)

**SOCI 355 Islam and Women. 3 hours.** *Prerequisite: GLST 201 Global Awareness and Cultural Diversity, SOCI 101, or permission of the instructor.* This course provides an in-depth sociological understanding of the relationship between religion and gender roles in Islam. The course helps students to understand the cultural practices of Islamic society in regards to gender roles. (Meets Minorities and Indigenous Cultures)

**Independent Research. 3 hours. See page 34.**

# Model United Nations

Jeff VanDenBerg, coordinator

Model United Nations simulates the procedures and substance of United Nations debates in an annual conference. Delegates representing a variety of countries sit on General Assembly Committees, the Security Council, the Economic and Social Council, the International Press Delegation and the International Court of Justice. MUN is offered for credit. Fall semester enrollment is a prerequisite for spring semester enrollment in Midwest Model United Nations.

# Music

## Department of Music

Tijuana Julian, chair

The department of music considers the interests and needs of students in offering:

1. Introductory courses in music theory and literature designed to enhance musical perceptions and lead to increased understanding and appreciation of music as a fine art
2. Ensemble participation and applied music study to further develop knowledge of literature and performance skills
3. Programs of study designed to prepare the student for graduate school, professional performance or elementary and secondary teaching.

The department offers the following degrees:

### Bachelor of arts with major in music.

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

#### Musicianship

MUSC 117	Music Theory I	3 hrs.
MUSC 118	Music Theory II	3 hrs.
MUSC 121	Ear Training and Sight Singing I	1 hr.
MUSC 122	Ear Training and Sight Singing II	1 hr.
MUSC 217	Music Theory III	3 hrs.
MUSC 218	Music Theory IV	3 hrs.
MUSC 219	Ear Training and Sight Singing III	1 hr.
MUSC 220	Ear Training and Sight Singing IV	1 hr.
MUSC 306	Form and Analysis	2 hrs.
MUSC 314	African-American Music	3 hrs.
MUSC 321	History of Music I	3 hrs.
MUSC 322	History of Music II	3 hrs.
MUSC 493	Senior Seminar	3 hrs.

#### Performance and Music Electives:

Applied Major (to level 3)	8 hrs.
Ensembles	8 hrs.
Choose 10 hours from the following electives:	10 hrs.

MUSC 125	English and Italian Diction
MUSC 126	German and French Diction
MUSC 151	Opera Workshop
MUSC 300	Half Recital
MUSC 302	Composition
MUSC 307	18th Century Counterpoint
MUSC 308	20th Century Theory
MUSC 310	Recreational Music
MUSC 334	Song Literature and Pedagogy
MUSC 335	Choral Literature and Pedagogy
MUSC 344	Instrumental Literature and Pedagogy
MUSC	Literature and Pedagogy of a Major Instrument
MUSC 349	History of American Music Theatre
MUSC 356	Conducting
MUSC 357	Choral Conducting
MUSC 358	Instrumental Conducting
MUSC 385	Instrumentation
MUSC 386	Choral Arranging
MUSC 400	Full Recital
MUSC 450	Arts Criticism
MTHP 100	Orientation to Music Therapy

#### General Education

GP21 Core	57-60 hrs.
Free Electives	8-11 hrs.

**Music Minor:**

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

MUSC 115	Introduction to Western Music	3 hrs.
MUSC 117	Music Theory I	3 hrs.
MUSC 118	Music Theory II	3 hrs.
MUSC 121	Ear Training and Sight Singing I	1 hr.
MUSC 122	Ear Training and Sight Singing II	1 hr.
	Elective (300-level)	2-3 hrs.
	Applied Major - 4 semesters (to Level 2)	4 hrs.
	Choir, Band, or Orchestra - 4 semesters	4 hrs.

*The general college requirements pertaining to the bachelor of arts degree apply to this degree.*

**Bachelor of music education with instrumental or vocal emphasis.**

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

This program is designed for students who wish to teach music at the elementary or secondary level. Upon successful completion of the requirements for this degree, certification to teach instrumental or vocal music in grades one through twelve is recommended by the chair of the department of music to the director of teacher education. It should be recognized that candidates for this degree may find it necessary to attend at least one summer session.

Requirements for the **Instrumental major** are:

EDUC 200	Technology in the Classroom	3 hrs.
EDUC 201	Teacher Aide	1 hr.
EDUC 203	American School Systems	2 hrs.
EDUC 207	Psychology of Human Growth and Development	3 hrs.
EDUC 302	Educational Psychology	3 hrs.
EDUC 303	Secondary Education Field Experience I	1 hr.
EDUC 304	Teaching in Diverse Classrooms	2 hrs.
EDUC 331	Methods of Teaching Reading in the Content Field	2 hrs.
EDUC 340	Education of the Exceptional Child	3 hrs.
EDUC 385	Secondary School Curriculum	3 hrs.
EDUC 478	Student Teaching on the Secondary School Level	8 hrs.
MUSC 108	Percussion Class	2 hrs.
MUSC 109	String Class	2 hrs.
MUSC 111	Brass Class	2 hrs.
MUSC 113	Woodwind Class	2 hrs.
MUSC 117	Music Theory I	3 hrs.
MUSC 118	Music Theory II	3 hrs.
MUSC 120	Voice Class	2 hrs.
MUSC 121	Ear Training and Sight Singing I	1 hr.
MUSC 122	Ear Training and Sight Singing II	1 hr.
MUSC 217	Music Theory III	3 hrs.
MUSC 218	Music Theory IV	3 hrs.
MUSC 219	Ear Training and Sight Singing III	1 hr.
MUSC 220	Ear Training and Sight Singing IV	1 hr.
MUSC 314	African-American Music	3 hrs.
MUSC 321	History of Music I	3 hrs.
MUSC 322	History of Music II	3 hrs.
MUSC 344	Instrumental Literature and Pedagogy	2 hrs.
MUSC 346	Marching Techniques and Materials	1 hr.
MUSC 356	Conducting	2 hrs.
MUSC 358	Instrumental Conducting	2 hrs.
MUSC 374	Elementary and Secondary Music Methods	4 hrs.
MUSC 385	Instrumentation	2 hrs.
	Applied Major (to Level 4)	8 hrs.
	Band or Orchestra	8 hrs.
	Vocal Ensemble	2 hrs.
	Global Perspectives core requirements	39 hrs.

# Music

## Requirements for the **Vocal major** are:

EDUC 200	Technology in the Classroom	3 hrs.
EDUC 201	Teacher Aide	1 hr.
EDUC 203	American School Systems	2 hrs.
EDUC 207	Psychology of Human Growth and Development	3 hrs.
EDUC 302	Educational Psychology	3 hrs.
EDUC 303	Secondary Education Field Experience I	1 hr.
EDUC 304	Teaching in Diverse Classrooms	2 hrs.
EDUC 331	Methods of Teaching Reading in the Content Field	2 hrs.
EDUC 340	Education of the Exceptional Child	3 hrs.
EDUC 385	Secondary School Curriculum	3 hrs.
EDUC 478	Student Teaching on the Secondary School Level	8 hrs.
MUSC 117	Music Theory I	3 hrs.
MUSC 118	Music Theory II	3 hrs.
MUSC 121	Ear Training and Sight Singing I	1 hr.
MUSC 122	Ear Training and Sight Singing II	1 hr.
MUSC 217	Music Theory III	3 hrs.
MUSC 218	Music Theory IV	3 hrs.
MUSC 219	Ear Training and Sight Singing III	1 hr.
MUSC 220	Ear Training and Sight Singing IV	1 hr.
MUSC 314	African-American Music	3 hrs.
MUSC 321	History of Music I	3 hrs.
MUSC 322	History of Music II	3 hrs.
MUSC 334	Song Literature and Pedagogy	2 hrs.
MUSC 335	Choral Literature and Pedagogy	2 hrs.
MUSC 356	Conducting	2 hrs.
MUSC 357	Choral Conducting	2 hrs.
MUSC 374	Elementary and Secondary Music Methods	4 hrs.
MUSC 385	Choral Arranging	2 hrs.
Choose two of the following:		4 hrs.
MUSC 108	Percussion Class	
MUSC 109	String Class	
MUSC 111	Brass Class	
MUSC 113	Woodwind Class	
	Applied voice (to Level 4)	14 hrs.
	Concert Choir	8 hrs.
	Instrumental Ensemble	2 hrs.
	Global Perspectives core requirements	39 hrs.

## All candidates for the bachelor of music education must complete the Global Perspectives interdisciplinary core:

GLST 101	Alpha Seminar I	3 hrs.
GLST 102	Alpha Seminar II	3 hrs.
GLST 201	Global Awareness	3 hrs.
GLST 301	Global Futures	3 hrs.
COMM 211	The Art of Human Communication	3 hrs.
PLSC 101	Government and Politics of the US	3 hrs.
EXSP 220	Fitness for Life	2 hrs.
EXSP	Activity	1 hr.
Choose one of the following:		3 hrs.
ENGL 207	Expository Writing: Art of the Essay	
ENGL 370	Creative Writing I-Fiction	
ENGL 371	Creative Writing I- Poetry	
ENGL 372	Creative Writing II	
Choose one of the following:		3 hrs.
HIST 101	Survey of United States History I	
HIST 102	Survey of United States History II	
Choose one of the following:		3 hrs.
PSYC 101	Introduction to Psychology	
SOCI 101	Introduction to Sociology	
SOCI 111	Introduction to Anthropology	

Choose from the following:		6hrs.
NSCI 251	Science and Inquiry	
OR choose one from each group below:		
Group I		
BIOL 110	Fundamentals of Cell Biology	
CHEM 107	General Chemistry I	
Group II		
PHYS 201	Principles of Physics	
PHYS 211	General Physics	
Choose one group from the following:		3-7 hrs.
Group I		
MATH 203	Mathematics and Inquiry	
Group II		
MATH 231	Calculus I	
MATH 227	Introduction to Statistics	

### Bachelor of Music Therapy

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

This degree is designed for students who wish to be employed as music therapists in a variety of clinical settings. Upon successful completion of the requirements for this degree, students are eligible to take the exam given by the Certification Board for Music Therapists. When students pass this exam, they will be granted the title, Music Therapist - Board Certified (MT-BC). This degree is pending final approval from the American Music Therapy Association during the 2002-2003 academic year.

MTHP 100	Music Therapy Orientation	1 hr.
MTHP 101	Field Studies I	1 hr.
MTHP 110	Music Therapy in Rehabilitation I	2 hrs.
MTHP 120	Accountability in Music Therapy	1 hr.
MTHP 121	Music Therapy in Rehabilitation II	2 hrs.
MTHP 201	Field Studies II	1 hr.
MTHP 210	Music Therapy - Behavior Health of Children	2 hrs.
MTHP 220	Music Therapy - Behavior Health of Adults	2 hrs.
MTHP 301	Field Studies III	1 hr.
MTHP 315	Behavior Measurement and Ethics	1 hr.
MTHP 320	Music Therapy/Developmental Disabilities I	2 hrs.
MTHP 325	Music Therapy/Developmental Disabilities II	2 hrs.
MTHP 401	Field Studies IV	1 hr.
MTHP 410	Psyc/Acoustical Foundations of Music I	2 hrs.
MTHP 420	Psyc/Acoustical Foundation of Music II	2 hrs.
MTHP 425	Research and Statistics	3 hrs.
MTHP 491	Music Therapy Internship	3 hrs.
MUSC 100	Guitar Concepts	1 hr.
MUSC 108	Percussion Class	2 hrs.
MUSC 117	Music Theory I	3 hrs.
MUSC 118	Music Theory II	3 hrs.
MUSC 120	Voice Class	2 hrs.
MUSC 121	Ear Training and Sight Singing I	1 hr.
MUSC 122	Ear Training and Sight Singing II	1 hr.
MUSC 200	Guitar Concepts for Music Therapy	1 hr.
MUSC 217	Music Theory III	3 hrs.
MUSC 218	Music Theory IV	3 hrs.
MUSC 219	Ear Training and Sight Singing III	1 hr.
MUSC 220	Ear Training and Sight Singing IV	1 hr.
MUSC 305	Piano Concepts for Music Therapy	1 hr.
MUSC 310	Recreational Music	3 hrs.
MUSC 314	African-American Music	3 hrs.
MUSC 321	History of Music I	3 hrs.
MUSC 322	History of Music II	3 hrs.
MUSC 356	Conducting	2 hrs.
	Major Instrument (to Level 4)	8 hrs.
	Global Perspectives core requirements	52-54 hrs.



## Equivalency in Music Therapy

Equivalency students will be students who already have a bachelor's degree in an area other than music therapy and who will be seeking Board Certification without getting another bachelor's degree. Such students will be required to take course work equivalent to that required for the music therapy degree. The specific course work taken will be determined in much the same manner as for transfer students. The music therapy program director will evaluate the transcripts of equivalency students and outline any transfer credits accepted. The music therapy program director will verify that all course work transferred is 'equivalent' to that offered by Drury University.

The music therapy program director then will outline in advance the course work the equivalency student is required to take. Courses on the student's transcript plus courses the student is required to take must meet the curricular standards of Drury and AMTA in addition to the requirements of the Certification Board for Music Therapists. As with transfer students, the equivalency student must demonstrate all music proficiency examination requirements required of music therapy students at Drury. The equivalency program will require a minimum of two semesters in residence at Drury plus internship.

Each student majoring in music is expected to:

1. Complete the prescribed course of study for the particular degree
2. Complete at least eight semesters of concert choir, concert band, or college orchestra
3. Attend a minimum of ten concerts or recitals during each of the 15-week semesters including all faculty recitals and all "Guest Artist Series" concerts
4. Pass the piano proficiency examination.

Information concerning applied music levels can be obtained in the music department office.

### Course Descriptions:

**MUSC 100 Guitar Concepts. 1 hour.** Beginning class instruction in folk guitar with an emphasis on playing chordal accompaniments.

**MUSC 101 Introduction to Composition I. 1-2 hours.** Introduction to principles of composition. Written work modeled on analyses of representative forms. Original composition in various forms and styles. Instruction in traditional manuscript preparation and music notation software. 2 cr (major)/1 cr (non-major).

**MUSC 102 Introduction to Composition II. 1-2 hours.** *Prerequisite: MUSC 101.* Introduction to principles of composition. Written work modeled on analyses of representative forms. Original composition in various forms and styles. Instruction in traditional manuscript preparation and music notation software. 2 cr (major)/1 cr (non-major).

**MUSC 108 Percussion Class. 2 hours.** This course is an introduction to mallet and battery percussion and timpani. Students will be expected to learn to perform both solo and ensemble literature on one instrument from each of the three groups. Works ranging from easy to medium difficulty will be used.

**MUSC 109 String Class. 2 hours each.** Historical development of the bowed string family, with ensemble practice on violin, viola, cello and bass. Emphasis upon individual performance and methods for elementary string instruction.

**MUSC 111 Brass Class. 2 hours each.** The study of the trumpet, horn, trombone, baritone horn and tuba. Students are expected to demonstrate ability to perform scales and arpeggios, small ensemble and solo work of

medium difficulty.

**MUSC 113 Woodwind Class. 2 hours each.** A study of five woodwind instruments: flute, oboe, clarinet, bassoon and saxophone. The same requirements for brass class are applicable to woodwind class.

**MUSC 115 Introduction to Western Music. 3 hours.** An introductory course in the music of our western culture for non-music majors. Learning how to listen to music and acquiring a basic knowledge of the musician's technique and vocabulary. *Offered each semester: (Meets Artifacts of Western Culture)*

**MUSC 117 Music Theory I. 3 hours.** Introduction to the basic music vocabulary. Elements of tonal music approached through hearing, writing and analytical; work in diatonic harmony and basic species counterpoint. All students must enroll in Ear Training and Sight Singing I.

**MUSC 118 Music Theory II. 3 hours.** *Prerequisite: MUSC 117.* Continuation of diatonic harmony with an emphasis on 4-art writing. Analysis of Bach chorales and an introduction to musical forms. All students must enroll in Ear Training and Sight Singing II.

**MUSC 120 Voice Class. 2 hours.** Basic physical and psychological principles of voice production, with particular attention to problems of tone, diction, development of vocal range and sight reading. *Offered fall semester.*

**MUSC 121 Ear Training and Sight Singing I. 1 hour.** An aural skills course to be taken concurrently with music theory. Each corresponding aural skills course reinforces the skills being taught in written theory through interval, melodic, harmonic and rhythmic dictation as well as through the preparation

and sight singing of music.

**MUSC 122 Ear Training and Sight Singing II. 1 hour.** An aural skills course to be taken concurrently with music theory. Each corresponding aural skills course reinforces the skills being taught in written theory through interval, melodic, harmonic and rhythmic dictation as well as through the preparation and sight singing of music.

**MUSC 125 English and Italian Diction for Singers. 1 hour.** Introduction to basic phonetics and pronunciation using the symbols of the International Phonetic Alphabet (IPA). A study of the formation and phonation of vowel and consonant sounds of the English and Italian languages as they serve as the foundation for expressive singing.

**MUSC 126 German and French Diction for Singers. 1 hour.** *Prerequisite:* MUSC 125 or permission of the instructor. Continued study of basic phonetics and pronunciation using the symbols of the International Phonetic Alphabet (IPA). A study of the formation and phonation of vowel and consonant sounds of the German and French languages as they serve as the foundation for expressive singing.

**MUSC 200 Guitar Concepts for Music Therapy. 1 hour.** *Prerequisite:* MUSC 100 *Guitar Concepts.* Folk guitar instruction with emphasis on meeting the guitar competencies of the American Music Therapy Association; topics include chordal accompanying, strumming and finger picking techniques, performing a repertoire of folk and popular songs, harmonization and transposition.

**MUSC 201 Composition III. 1-2 hours.** *Prerequisite:* MUSC 101, 102, or by permission of the instructor. Original composition in various musical forms and styles. Instruction in traditional manuscript preparation and music notation software.

**MUSC 202 Composition IV. 1-2 hours.** *Prerequisite:* MUSC 101, 102, 201, or by permission of the instructor. Original composition in various musical forms and styles. Instruction in traditional manuscript preparation and music notation software.

**MUSC 217 Music Theory III. 3 hours.** *Prerequisite:* MUSC 117, 118. Introduction to chromatic harmony and discussion, writing assignments and analysis of musical excerpts from the Baroque and Classical periods. All students must enroll in Ear Training and Sight Singing III.

**MUSC 218 Music Theory IV. 3 hours.** *Prerequisite:* MUSC 117, 118 and 217. Continuation of chromatic harmony and introduction to 20th Century compositional techniques. Discussion, writing assignments and analysis of musical excerpts from the romantic era and the 20th Century. All students must enroll in Ear Training and Sight Singing IV.

**MUSC 219 Ear Training and Sight Singing III. 3 hours.** An aural skills course to be taken concurrently with music theory. Each corresponding aural skills course reinforces the skills being taught in written theory through interval, melodic, harmonic and rhythmic dictation as well as through the preparation and sight singing of music.

**MUSC 220 Ear Training and Sight Singing IV. 3**

**hours.** An aural skills course to be taken concurrently with music theory. Each corresponding aural skills course reinforces the skills being taught in written theory through interval, melodic, harmonic and rhythmic dictation as well as through the preparation and sight singing of music.

**MUSC 300 Half Recital. 1 hour.**

**MUSC 301 Composition V. 1-2 hours.** *Prerequisite:* MUSC 101, 102, 201, 202 or by permission of the instructor. Original composition in various musical forms and styles. Instruction in traditional manuscript preparation and music notation software.

**MUSC 302 Composition VI. 1-2 hours.** *Prerequisite:* MUSC 101, 102, 201, 202 or by permission of the instructor. Original composition in various musical forms and styles. Instruction in traditional manuscript preparation and music notation software.

**MUSC 305 Piano Concepts for Music Therapy. 1 hour.** Private instruction with an emphasis toward meeting the piano competencies of the American Music Therapy Association; advanced studies in reading, harmonizing, transposing, chording (playing progressions as accompaniments) and improvising the musical preferences of clients. Each one-half hour lesson per week, plus a minimum of six hours practice per week, for one-semester grants one hour credit. Students may take either one or two hours credit each semester.

**MUSC 306 Form and Analysis. 2 hours.** *Prerequisite:* MUSC 204. A study of musical form through the analysis of homophonic and contrapuntal compositions.

**MUSC 307 18th Century Counterpoint. 2 hours.** *Prerequisite:* MUSC 204. A study of the contrapuntal style of the 18th century. Analysis of two- and three-part inventions and well-tempered clavier of J.S. Bach. Emphasis on original composition.

**MUSC 308 20th Century Theory. 2 hours.** *Prerequisite:* MUSC 204. Trends, techniques and leading composers of modern music, from the French Impressionists to the present.

**MUSC 310 Recreational Music. 3 hours.** *Prerequisite:* Pass piano and guitar proficiency examinations. Materials and methods in music therapy; nontraditional piano, guitar, hand bell and percussion techniques; musical movement; music activity leadership; arranging and improvisation techniques in music therapy.

**MUSC 314 African-American Music. 3 hours.** The course is a study of the musical and cultural influence of African-Americans, from their West-African roots to the present day, on American musical styles. Attention will be given to the mixing of these components with traditional European influences to shape such American musical genres as ragtime, blues, Dixieland, jazz, bebop, rhythm and blues, soul, jazz-rock, fusion and rock and roll. (Meets Minorities and Indigenous Cultures)

**MUSC 321, 322 History of Music I & II. 3 hours each semester.** *Prerequisite:* MUSC 118, 210. A survey of the history and literature of music from Greco-Roman times to the present. Emphasis upon the study of musical forms and styles against the background of historic, artistic and cultural developments. (Meets Artifacts of Western

# Music

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Culture)

**MUSC 331 Organ Literature and Pedagogy. 2 hours.**

**MUSC 332 String Instrument Literature and Pedagogy. 2 hours.** Basic literature of the entire bowed string family, both solo and ensemble (from duo to nonet). Includes literature for string groups utilizing both keyboard and wind instruments.

**MUSC 333 Piano Literature and Pedagogy. 2 hours.** A survey of the most significant piano literature of the Baroque, classical, romantic and contemporary periods, including an examination of various pedagogical practices in current use in the keyboard field.

**MUSC 334 Song Literature and Pedagogy. 2 hours.** Presentation and analysis of pedagogical practices in the vocal area; study of standard song literature classified into development periods, languages and composers; study of diction and interpretation.

**MUSC 335 Choral Literature and Pedagogy. 2 hours.** Reading and study of vocal ensemble literature from Renaissance to present. Emphasis on style, diction and rehearsal techniques.

**MUSC 344 Instrumental Literature and Materials. 2 hours.** This course will cover the literature and materials for band, jazz ensemble and orchestra, as well as solos and small ensemble groups. It will also include an investigation of beginning, intermediate and advanced courses of study for band and orchestral instruments.

**MUSC 346 Marching Techniques and Materials. 1 hour.** Appraisal of Military Drills, Patterns in Motion, Step Two and current trends in precision maneuvers. Attention given to pageantry, charting of formations and other problems pertinent to outdoor band.

**MUSC 349 History and Development of American Musical Theatre. 3 hours.** A study of the origins and development of musical theatre in America from the early 19th century forms such as minstrels and burlesques to the contemporary variations of the 20th century. Same as THTR 349.

**MUSC 356 Conducting. 2 hours.** A study of the basic techniques and rehearsal procedures. Score reading and interpretation of the larger and smaller forms found in vocal and instrumental ensemble literature.

**MUSC 357 Choral Conducting. 2 hours.** *Prerequisite:* MUSC 356. A study of the techniques and procedures of conducting vocal ensembles, including score reading and analysis. Emphasis upon the development of choral rehearsal and performance techniques.

**MUSC 358 Instrumental Conducting. 2 hours.** *Prerequisite:* MUSC 356. A study of the techniques and procedures of band and orchestral conducting, including score reading and analysis. Emphasis upon the development of instrumental rehearsal and performance techniques.

**MUSC 374 Elementary and Secondary Music Methods. 4 hours.** *Prerequisite:* MUSC 117, 118, EDUC 203, 207, 302. *Music Majors only.* This course will deal with philosophical ideals and practical application of those ideals in the elementary and secondary music program. Students will be exposed to various methods

including Orff, Kodaly, Suzuki and Dalcroze. Students will develop the skills necessary for preschool and elementary music teaching and will review current material and approaches. Emphasis will also be placed on both performance and nonperformance courses and will include studies of the high school musical, theory class and general music appreciation class. Some practical observation will be required. Same as EDUC 374.

**MUSC 385 Instrumentation. 2 hours.** Intensive study of transposition, range and scoring techniques of all instruments. Manuscript preparation includes transcription for band and orchestra or works from various media. Includes origin and evolution of symphonic instrumentation.

**MUSC 386 Choral Arranging. 2 hours.** A study of techniques of arranging for voices in both large and small ensembles. Assignments will include writing for various combinations of voices in various musical styles.

**MUSC 400 Full Recital. 2 hours.**

**MUSC 401 Advanced Composition VII. 1-2 hours.** *Prerequisite:* MUSC 101, 102, 201, 202, 301, 302 or by permission of the instructor. Original composition in various musical forms and styles. Advanced projects utilizing instruments and voices. Instruction in traditional manuscript preparation and music notation software.

**MUSC 402 Advanced Composition VIII. 1-2 hours.** *Prerequisite:* MUSC 101, 102, 201, 202, 301, 302, 401 or by permission of the instructor. Original composition in various musical forms and styles. Advanced projects utilizing instruments and voices. Instruction in traditional manuscript preparation and music notation software.

**MUSC 450 Arts Criticism. 3 hours.** Designed to help students develop criteria for judging the quality of works of art, music and theatre and to match them with potential audiences. Coursework includes readings in arts criticism as well as critiquing current art events. Examples of projects include box office management and public relations and shadowing program planners, stage managers and gallery curators. Same as ARTS 450 and THTR 450.

**MUSC 493 Senior Seminar. 3 hours.**

**MUSC 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**MUSC 391, 392, 491, 492 Research.** See page 34.

## Music Therapy Courses

**MTHP 100 Music Therapy Orientation. 1 hour.** Introduction to the history, philosophy and current practice of music therapy; orientation to field studies.

**MTHP 101 Field Studies I. 1 hour.** Pre-internship experiences; counseling techniques in music therapy; 42 clock hours of clinical contact including a weekly seminar.

**MTHP 110 Music Therapy in Rehabilitation I. 2 hours.** The role of music therapy in rehabilitation; music

therapy theory, research and clinical practice. Topics include disabled children and adults, speech disorders, hearing and visual impairments and vocational rehabilitation.

**MTHP 120 Accountability in Music Therapy. 1 hour.** An introduction of professional accountability. Topics include standards of practice, assessment, treatment planning, therapy implementation, evaluation, documentation and termination/discharge.

**MTHP 121 Music Therapy in Rehabilitation II. 2 hours.** The role of music therapy in rehabilitation; music therapy theory, research and clinical practice relating to geriatrics, procedures in general hospitals, oncology and music therapy-assisted child birth.

**MTHP 201 Field Studies II. 1 hour.** Pre-internship experiences; counseling techniques in music therapy; 42 clock hours of clinical contact including a weekly seminar.

**MTHP 210 Music Therapy in the Behavioral Health of Children. 2 hours.** Music therapy theory, research and clinical practice relating to autism, developmental delay, behavioral and other disorders of childhood and adolescence.

**MTHP 220 Music Therapy in the Behavioral Health of Adults. 2 hours.** Music therapy theory, research and clinical practice relating to adult behavioral health.

**MTHP 301 Field Studies III. 1 hour.** Pre-internship experiences; counseling techniques in music therapy; 42 clock hours of clinical contact including a weekly seminar.

**MTHP 310 Recreational Music. 3 hours.**  
*Prerequisite: Pass piano and guitar proficiency examinations.* Materials and methods in music therapy; nontraditional piano, guitar, hand bell and percussion techniques; musical movement; music activity leadership; arranging and improvisation techniques in music therapy.

**MTHP 315 Behavior Measurement and Ethics. 1 hour.** Measurement, reliability and charting techniques in music therapy. Ethics studies focus on professional, clinical and educational relationships in music therapy; ethics in research.

**MTHP 320 Music Therapy in Developmental Disabilities I. 2 hours.** Music therapy theory, research and clinical practice relating to developmental disabilities with primary focus on mild and moderate mental retardation.

**MTHP 325 Music Therapy in Developmental Disabilities II. 2 hours.** Music therapy theory, research and clinical practice relating to developmental disabilities with primary focus on severe and profound mental retardation, learning disabilities and other developmental disabilities.

**MTHP 401 Field Studies IV. 1 hour.** Pre-internship experiences; counseling techniques in music therapy; 42 clock hours of clinical contact including a weekly seminar.

**MTHP 410 Psychological and Acoustical Foundations of Music I. 2 hours.** Study of affective response to music, musical preference, perceptual responses to music and musical acoustics.

**MTHP 420 Psychological and Acoustical Foundations of Music II. 2 hours.** Study of physiological response to music, learning and musical abilities and musical acoustics.

**MTHP 425 Research and Statistics. 3 hours.** Techniques of research and writing in music therapy; elementary statistical techniques for evaluating the results of music therapy research and treatments.

**MTHP 497 Music Therapy Internship. 3 hours.**  
*Prerequisite: Completion of all undergraduate course work and permission of instructor.* At least 1020 clock hours of internship in an approved clinical setting. May be taken in consultation with music therapy advisor.

## Ensemble Courses

The following ensemble courses are available to all qualified students of the university. Ensemble courses may be repeated for credit.

127 (fall)/128 (spring)	Percussion Ensemble (.5 hr.)
129 (fall)/130 (spring)	Flute Ensemble (.5 hr.)
131 (fall)/132 (spring)	Brass Ensemble (.5 hr.)
133 (fall)/134 (spring)	Clarinet Ensemble (.5 hr.)
135 (fall)/136 (spring)	Woodwind Quintet (.5 hr.)
137 (fall)/138 (spring)	Jazz Ensemble No. 2 (1 hr.)
139 (fall)/140 (spring)	Concert Band (1 hr.)
141 (fall)/142 (spring)	Jazz Ensemble No. 1 (1 hr.)
145 (fall)/146 (spring)	Chamber Choir (.5 hr.)
147 (fall)/148 (spring)	Drury Singers (1 hr.)
149 (fall)/150 (spring)	Concert Choir (1 hr.)
151 (spring)	Opera Workshop (1 hr.)
155 (fall)/156 (spring)	Chamber Groups (.5 hr.)
157 (fall)/158 (spring)	String Quartet (.5 hr.)
159 (fall)/160 (spring)	College Orchestra (1 hr.)

## Private Instruction in Applied Music

## 3-2 Occupational Therapy Program

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Private instruction is available in piano, voice, organ, violin, viola, violoncello, double bass, clarinet, saxophone, flute, oboe, bassoon, trumpet, horn, trombone, baritone, tuba, percussion and classical guitar.

Each one-half hour lesson per week, plus a minimum of six hours practice per week, for one semester grants one hour credit. Students may take either one or two hours credit on an instrument each semester.

Credit received in applied music can be applied to the three-hour creativity explored requirement of Global Perspectives.

Any student expecting to present a recital must pass a recital permission audition during the semester preceding the semester in which the recital will be given.

Additional fees are charged for private instruction in applied music.

### **Refund Policy**

It will be our policy to prorate the applied music fees for students who withdraw from private lessons. Their tuition charge will be based on the clearly defined 'Official Withdrawal/Refund Policy'. The fees, however, are based on weekly lessons, and are most fairly handled by proration. The compensation of faculty will, likewise, be prorated based on the number of lessons given. The dates selected for proration will be the actual date of withdrawal as shown on the withdrawal form in the registrar's office.

## 3-2 Occupational Therapy Program

Valerie Eastman, director

The 3-2 occupational therapy program leads to the bachelor of arts degree from Drury University and the master of science in occupational therapy (MSOT) degree from Washington University in St. Louis. The student spends the first three years at Drury University and the final two years at Washington University. Upon completion of the liberal arts component, the requirements for a department major (at Drury) and a year in the occupational therapy program (at Washington University), the student will earn a bachelor of arts degree from Drury. After satisfactory completion of all requirements, including one more year of graduate academic work followed by six months of fieldwork, the student will earn a master of science in occupational therapy from Washington University School of Medicine.

Prior to entering Washington University, the student must have completed at least 90 hours of transferable college credit with a grade average of at least 3.0 on a 4.0 scale or better. The specific course requirements will include a minimum of: upper level biology, 3 hours; physiology, 3 hours; developmental psychology, 3 hours; additional social sciences, 6 hours; philosophy, 3 hours; statistics, 3 hours; and electives to meet requirements for a major and graduation at Drury.

Students who plan to have satisfactorily completed the prerequisite courses by the end of their junior year, have earned a recommended GPA of 3.0 (on a 4.0 scale) and are recommended by Drury University faculty are invited to apply for admission to the MSOT program at Washington University School of Medicine. Application to Washington University should be submitted by January 31 for entrance the following fall and must include current GRE scores within the previous five years.

Students must also submit a petition to Drury's Academic Affairs Committee requesting waiver of the senior residency. Tuition payments and financial aid awards are made respective to the school in which the student is currently enrolled (i.e., the first three years at Drury and the last two years at Washington University.)

# Philosophy

## Department of Philosophy and Religion

Lisa M. Esposito, chair

Central to human existence, and central to the liberal arts, are questions of meaning. The systematic exploration of these questions and their possible answers define studies in philosophy and religion.

Philosophy develops tools for critical inquiry, explores how knowledge is acquired and examines how diverse forms of knowledge (scientific, humanistic, religious) both conflict with and complement one another. Philosophy further examines the nature of values and how diverse values define ethical, political and religious beliefs.

Courses in philosophy and religion are thus oriented towards helping students discover and develop their most fundamental views -- their world view. As such, courses in philosophy and religion are essential to liberal arts education, and to the exploration and definition of who we are as human beings.

The department is distinctive in its focus on the practical application of philosophical and religious studies. Accordingly, students majoring in religion or philosophy are strongly encouraged to participate in field experience (PHIL/RELG 276) and internships (PHIL/RELG 397, 398, 497, 498) which apply their skills and insights to real-world contexts.

The department offers major and minor courses of study in philosophy, religion and a combined philosophy/religion program. The Philosophy major consists of 27 hours in the department (including 12 upper-level credit hours plus Senior Seminar) to be drawn from the following:

### Philosophy Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

PHIL 100	Introduction to Logic and Critical Thinking	3 hrs.
PHIL 493	Senior Seminar	3 hrs.
<b>Value Analysis -- Choose one of the following:</b>		3 hrs.
PHIL 210	Values Analysis	
PHIL 305	Ethical Issues in Health Care	
PHIL 309	Christian Ethics	
PHIL 320	Environmental Ethics	
CRIM 341	Justice and Punishment	
PHIL 290, 390, 490	Selected Topics	
<b>History of Philosophy -- Choose two of the following:</b>		6 hrs.
PHIL 302	History of Modern Philosophy	
PHIL 304	Contemporary European Philosophy	
PHIL 306	History of Ancient Philosophy	
PHIL 307	History of Medieval Philosophy	
PHIL 308	History of Women Philosophers	
PHIL 290, 390, 490	Selected Topics	
<b>Selected Topics -- Choose two from the following:</b>		6 hrs.
PHIL 290, 390, 490	Selected topics (such as Existentialism, Kant, Nietzsche, Eastern Philosophies, The Self and Free Will, On Being and Knowledge, etc.)	
<b>Philosophies -- Choose one from the following:</b>		3 hrs.
PHIL 376	Philosophy of Religion	
PHIL 377	Philosophy of Science	
PHIL 290, 390, 490	Selected Topics	
<b>Electives -- Choose one from the following:</b>		3 hrs.
PHIL 201	Introduction to Philosophy	
PHIL 210	Value Analysis	
PHIL 276	Field Experience (1-3 hrs.)	
PHIL 302	History of Modern Philosophy	
PHIL 304	Contemporary European Philosophy	
PHIL 305	Ethical Issues in Health Care	

# Philosophy

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PHIL 306	History of Ancient Philosophy
PHIL 307	History of Medieval Philosophy
PHIL 308	History of Women Philosophers
PHIL 309	Christian Ethics
PHIL 320	Environmental Ethics
PHIL 376	Philosophy of Religion
PHIL 377	Philosophy of Science
PHIL 290, 390, 490	Selected Topics
PHIL 391, 392, 491, 492	Research
PHIL 495, 496	Honors Research

## Philosophy Minor:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

The Philosophy minor consists of 15 hours in the department (including 6 upper-level credit hours) chosen in consultation with a department faculty member or chair, to be drawn from the following:

PHIL 100	Introduction to Logic and Critical Thinking	3 hrs.
PHIL 210	Values Analysis	3 hrs.
Choose three from the following:		9 hrs.

PHIL 201	Introduction to Philosophy
PHIL 276	Field Experience (1-3 hrs.)
PHIL 302	History of Modern Philosophy
PHIL 304	Contemporary European Philosophy
PHIL 305	Ethical Issues in Health Care
PHIL 306	History of Ancient Philosophy
PHIL 307	History of Medieval Philosophy
PHIL 308	History of Women Philosophers
PHIL 309	Christian Ethics
PHIL 320	Environmental Ethics
PHIL 376	Philosophy of Religion
PHIL 377	Philosophy of Science
PHIL 290, 390, 490	Selected Topics
PHIL 391, 392, 491, 492	Research
PHIL 495, 496	Honors Research

## Combined Philosophy and Religion Major

A course of studies drawn from the religion and philosophy offerings, in consultation with a departmental faculty member and approval of the department chair. The major consists of 24 hours plus Senior Seminar and the minor consists of 15 hours.

### Course Descriptions:

**PHIL 100 Introduction to Logic and Critical Thinking. 3 hours.** This course is to help students learn to think clearly, concisely and analytically, through a familiarity with the reasoning methods of logic in terms of learning how to define terms, formulate arguments and analyze statements critically and objectively. The course will deal with the language of logic and the methods of deductive and inductive reasoning. *Offered annually.*

**PHIL 201 Introduction to Philosophy. 3 hours.** A comparative and critical study of the major philosophic positions with a view to developing analytic, synthetic and speculative dimensions of philosophical methods. *Offered annually.*

**PHIL 210 Values Analysis. 3 hours.** This course is designed to help students develop an understanding of diverse models of ethical decision making and how to apply those models. Included in these models are the various concepts, ideas, theories and arguments that come together to form a framework for a common language within which discussion and understanding are

possible. The goal of the course is to help students see that by mastering this framework they will be better able to articulate their own set of values and to take responsibility and participate in a democratic society.

Values Analysis is a writing intensive course that uses both formal and informal writing as the primary medium in which students explore, reflect and draw conclusions regarding values questions. Some of the topics that will be covered in the course are relativism, subjectivism, religion and morality, environmental ethics, issues in business and medical ethics, utilitarianism and consequentialism, Kantian moral theory and issues in political theory. (Meets Values Inquiry)

**PHIL 276 Field Experience. 1-3 hours.** Allows students to apply skills and abilities gained through studies in the department (e.g., critical thinking and logic, values analysis, medical ethics, Hebrew, Greek, etc.) to specific and practical contexts in the larger community. Recent experiences include serving as critical thinking mentors in the Phelps Gifted Education

Program and for middle and high school students involved in the STEP UP program. Students will receive one credit hour per 40-50 hours of experience/service. Same as RELG 276.

**PHIL 302 History of Modern Philosophy. 3 hours.** A study of the general developments in empiricism, rationalism and idealism from the 16th through the 19th centuries in Europe. Such major thinkers as Bacon, Hobbes, Descartes, Spinoza, Leibniz, Berkeley, Locke, Hume, Kant, Hegel, Schopenhauer, Nietzsche and Kierkegaard will be considered. (Meets Ideas and Events of Western History)

**PHIL 304 Contemporary European Philosophy. 3 hours.** A study of some of the main types of contemporary European philosophy, including Positivism, analytic philosophy and existentialism.

**PHIL 305 Ethical Issues in Health Care. 3 hours.** This course explores the ethical dilemmas confronting contemporary medicine. It both inquires into a broad range of topics (abortion, euthanasia, health care costs, organ transplantation, etc.) and provides a thorough study of ethical theories which may be applied to address the dilemmas of modern medicine. *Offered annually.* Same as RELG 305. (Meets Values Inquiry)

**PHIL 306 History of Ancient Philosophy. 3 hours.** An introduction to prominent figures and doctrinal developments in the history of ancient Greek philosophical thought. The course focuses on the primary texts of the Presocratics, Sophists, Plato and Aristotle and examines their reflections on the origin, nature and architecture of the universe, the nature and possibility of human knowledge and scientific theorizing, the human being and the human condition, as well as related ethical and political issues. Same as RELG 306. (Meets Ideas and Events of Western History)

**PHIL 307 History of Medieval Philosophy. 3 hours.** An introduction to prominent figures and doctrinal developments in the history of medieval philosophical thought from the fourth through the fourteenth centuries. The course examines medieval reflections on the existence, nature and knowability of God, the origin and architecture of the universe, the human person, the freedom of the human will, human knowledge, the relation between faith and reason, and theology and philosophy, as well as related ethical and political issues. Same as RELG 307. (Meets Ideas and Events of Western History)

**PHIL 308 History of Women Philosophers. 3 hours.** An introduction to women's contributions to the history of philosophical thought. The course moves from ancient Greece up through twentieth-century Western Europe and North America. The course considers the methodology and style of women philosophers and examines their reflections on the nature of reality, God, the human person and the human

condition, knowledge, freedom and moral responsibility, sexual identity and difference, society, ethics and politics, language and science. Same as RELG 308. (Meets Ideas and Events of Western History)

**PHIL 309 Christian Ethics. 3 hours.** This course explores the biblical resources for Christian moral decision-making, examines the historical development of moral theology (from the early church through the 20th century) and addresses selected moral issues. Same as RELG 309. (Meets Values Inquiry)

**PHIL 320 Environmental Ethics. 3 hours.** This course seeks to develop a better understanding of both the factual and ethical dimensions of our current and possible future environments. Explores several contemporary approaches in environmental ethics (including: deep ecology; ecofeminism; animal rights; market efficiencies; the loss of biodiversity and responses from deontological, utilitarian and virtue ethics, etc.) and representative theoretical problems (e.g., Aldo Leopold's "land ethic" vs. natural rights views; ecological holism vs. moral atomism; market efficiency vs. moral obligations, etc.). Using a case-study approach, students then learn to apply different ethical frameworks to several ethical choices occasioned by human interaction with the natural order. Same as ENVR 320. (Meets Values Inquiry)

**PHIL 376 Philosophy of Religion. 3 hours.** A critical examination of some of the major interpretations of God, humanity, evil, human destiny and history, and immortality. Each student is encouraged to work out a personal constructive philosophy of religion. *Offered occasionally.* Same as RELG 376.

**PHIL 377 Philosophy of Science. 3 hours.** A philosophic study of the conceptual foundations and methodology of modern science, including the logical structure and verification of theories and the relations between scientific finding and ethical, social and metaphysical problems. *Offered occasionally.* (Meets Ideas and Events of Western History)

**PHIL 493 Senior Seminar. 3 hours.**

**PHIL 290, 390, 490 Selected Topics. 1-3 hours each. See page 34.**

**PHIL 391, 392, 491, 492 Research. See page 34.**

**CRIM 102 Introduction to Criminology. 3 hours.** A survey course designed to provide a general theoretical understanding of crime problems in the U.S. The basic source of crime, the justice machinery and society's reaction to crime are examined. (Meets Human Behavior)

**CRIM 341 Justice and Punishment. 3 hours. Prerequisite: CRIM 102.** A philosophical and pragmatic examination of justice and punishment. The course will provide an understanding of the conceptual foundations of justice. (Meets Values Inquiry)



# Physics

## Department of Physics

Bruce W. Callen, chair

The Drury physics department is strongly student oriented. A complete range of courses is offered for a major and a minor, giving students the option of preparing for graduate study in physics, math or engineering, an industrial position, the teaching profession, or for professional careers in law and medicine.

The physics faculty have wide and varied backgrounds. Their research interests include the study of moons and their orbits, orbital debris modeling and planetary ring dynamics, monitoring of nuclear testing agreements, energy consumption of buildings and astronomy.

The physics laboratories are equipped with computers interfaced with a wide variety of sensors for analyzing data (i.e. temperature, motion, magnetic fields, sound, etc.). Two multichannel sodium iodide gamma ray systems are fully computer integrated. A ten-inch telescope and CCD camera system has its own computer for control and recording images. A mass spectrometer and its associated high vacuum system are available for studies involving atomic and chemical physics.

The specific plan of study for each physics major will be determined by the interests, needs and abilities of the student.

### Physics Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

CHEM107	General Chemistry I	4 hrs.
CHEM108	General Chemistry II	4 hrs.
MATH 231	Calculus I	4 hrs.
MATH 232	Calculus II	4 hrs.
MATH 233	Calculus III	4 hrs.
MATH 366	Differential Equations	3 hrs.
PHYS211	General Physics I	5 hrs.
PHYS212	General Physics II	5 hrs.
PHYS 309	ModernPhysics	4 hrs.
PHYS 400	Mechanics I	3 hrs.
PHYS 401	Mechanics II	3 hrs.
PHYS 411	Electricity and Magnetism I	3 hrs.
PHYS 412	Electricity and Magnetism II	3 hrs.
PHYS 442	Introduction to Quantum Mechanics	3 hrs.
Choose one of the following:		3 hrs.
PHYS 391, 392, 491, 492	Research	
PHYS 493	Senior Seminar	

*MATH 235 Linear Algebra is recommended.*

### Physics Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

MATH 231	Calculus I	4 hrs.
PHYS211	General Physics I	5 hrs.
PHYS212	General Physics II	5 hrs.
PHYS 309	ModernPhysics	4 hrs.
Choose one of the following:		3-4 hrs.
PHYS 300	GIS and Remote Sensing	
PHYS 311	Optical Physics	
PHYS 400	Mechanics I	
PHYS 401	Mechanics II	
PHYS 411	Electricity and Magnetism I	
PHYS 412	Electricity and Magnetism II	

PHYS 442	Introduction to Quantum Mechanics
PHYS 493	Senior Seminar
PHYS 390, 490	Selected Topics
PHYS 391, 392, 491, 492	Research
PHYS 397, 398, 497, 498	Internship

## Course Descriptions:

**CHEM 107 General Chemistry I. 4 hours.** Development of the modern concepts dealing with the behavior of matter, kinetic theory, atomic theory, chemical bonding, periodic classification. Three lectures and one lab period.

**CHEM 108 General Chemistry II. 4 hours.** *Prerequisite:* CHEM 107. A continuation of CHEM 107, solutions, electrochemistry and chemical equilibrium. Lab devoted to solution phenomena including semimicro qualitative analysis. Three lectures and one lab period.

**MATH 109 College Algebra. 3 hours.** *Prerequisite:* one year of high school algebra and one year of high school geometry. A study of functions and graphs, solutions of equations and inequalities, and the properties of polynomial, rational, exponential and logarithmic functions.

**MATH 110 Trigonometry. 3 hours.** *Prerequisite:* MATH 109 or two years of high school algebra and one year of high school geometry. The study of trigonometric, logarithmic and exponential functions and their applications. *Currently offered once a year.*

**MATH 203 Mathematics and Inquiry. 3 hours.** In this course, students will develop quantitative and abstract reasoning abilities necessary to solve complex problems. Literacy in mathematics is developed, with concepts and skills from such areas as algebra, trigonometry, calculus, probability, statistics and computer science. This course will address critical thinking and problem-solving skills, not simply numerical manipulations related to a single subdiscipline of mathematics. Emphasis will be placed on defining and setting up problems; understanding the steps required to solve various types of problems; understanding the factual information and quantitative abilities required for problem solving; and understanding how necessary information can be obtained from text material, resource individuals and computer resources.

**MATH 231 Calculus I. 4 hours.** *Prerequisite:* MATH 109 and 110 or equivalent. A study of the fundamental principles of analytic geometry and calculus with emphasis on analysis.

**MATH 232 Calculus II. 4 hours.** *Prerequisite:* C or better in MATH 231. Continuation of Calculus including techniques of integration and infinite series.

**MATH 233 Calculus III. 4 hours.** *Prerequisite:* C or better in MATH 232. Functions of two variables, partial differentiation, applications of multiple integrals to areas and volumes, line and surface integrals, vectors.

**MATH 235 Linear Algebra. 3 hours.** *Prerequisite:* MATH 232. Study of linear transformations, matrices, vector spaces.

**MATH 366 Differential Equations. 3 hours.**

*Prerequisite:* MATH 233. A first course in ordinary differential equations.

**PHYS 200 Environmental Geoscience. 4 hours.** A study of the interrelationship between humans and the physical environment. The course will focus on natural resources, soils, hydrology and water supplies, erosional processes, karst landscapes, land use planning and geologic map interpretation. Includes laboratory. Field work required. Same as GEOG 200, ENVR 200.

**PHYS 201 Principles of Physics. 4 hours.** *Prerequisite:* MATH 203 or equivalent. The principles of mechanics, heat, sound and electricity are presented in this one-semester, non-calculus course. The workshop format--integrated lecture with lab--emphasizes experiment, data collection, analysis and group work. Not intended for biology, chemistry or physics majors.

**PHYS 211, 212 General Physics I, II. 5 hours each semester.** *Prerequisite:* MATH 231 or equivalent, or current enrollment in MATH 231. Successful completion of PHYS 211 is a prerequisite for PHYS 212. The principles of mechanics, heat, sound, light, electricity and some topics from atomic and nuclear physics are presented. Calculus and vector analysis are used extensively. Intended for science majors. The workshop format -- integrated lab and lecture -- emphasizes experiment, data collection and analysis, and group work. Three two-hour sessions per week.

**PHYS 215 Electronics. 3 hours.** *Prerequisite:* MATH 203. Design, construction and testing of the circuits underlying modern instrumentation, including both analog and digital electronics. Two lectures and one lab per week.

**PHYS 300 GIS and Remote Sensing. 3 hours.** Remote sensing concepts and methods including multispectral image analysis and acquisition, radar imaging, satellite and airborne remote sensing systems, digital image analysis, the electromagnetic spectrum and its interaction with matter, use of global positioning system equipment. Geographic Information Systems (GIS) exercises applied throughout the course. Same as ENVR 300 and GEOG 300.

**PHYS 309 Modern Physics. 4 hours.** *Prerequisite:* PHYS 211, 212. Discussion of relativity, Bohr theory, atomic structure, classical and quantum probability and measurement, wave/particle duality, radioactivity, nuclear reactions and fundamental particles. Experiments are done to measure gamma ray spectra, the half-life of a radioactive isotope and gamma ray absorption. Three lectures and one lab per week.

**PHYS 311 Optical Physics. 4 hours.** *Prerequisite:* PHYS 211, 212. A study of the nature of light, interference, diffraction, polarization, spectra, lasers and holography. Three lectures and one lab per week.

**PHYS 400, 401 Mechanics. 3 hours each**

# Political Science

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**semester.** *Prerequisite:* MATH 232, PHYS 211, 212. Particle and rigid body dynamics; moving coordinate systems; rotating bodies; variational principles; Lagrange and Hamilton's formalism; small oscillations; planetary orbits; Kepler's Laws of planetary motion. Three lectures per week.

**PHYS 411, 412 Electricity and Magnetism. 3 hours each semester.** *Prerequisite:* MATH 233, PHYS 211, 212. Principles and applications of static and moving charges, magnetism, electromagnetic theory and Maxwell's equations. Three lectures per week.

**PHYS 442 Introduction to Quantum Mechanics.**

**3 hours.** *Prerequisite:* PHYS 309 and MATH 366 or permission of instructor. A study of the principles of quantum mechanics and applications; operators; differential equations of quantum mechanics; particle in a box; harmonic oscillator; one-electron atoms; barrier potentials; tunneling. Three lectures per week.

**PHYS 493 Senior Seminar. 3 hours.**

**PHYS 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**PHYS 391, 392, 491, 492 Research. See page 34.**

**PHYS 397, 398, 497, 498 Internship. See page 34.**

# Political Science

## Department of History, Political Science and Geography

Jeffrey A. VanDenBerg, chair

The study of institutions and human behavior in political science derives from the desire to understand the basic values and goals of society. Political science examines societies past and present to understand how power and influence affect who gets what -- when, why, where and how. Students of government and politics gain the skills and knowledge to be effective global citizens, and are highly sought after by employers and graduate schools. Career options for political science majors include positions in consulting, law, diplomacy, business, elected office, nonprofit organizations, lobbying and education.

Students choose one from among three political science majors: American Political Studies, International Political Studies, and Politics and Government. These majors begin with a broad foundation in political science, then allow a student to build upon it with courses that most closely match his or her interests.

Political Science offers three majors. Students choose one major:

- American Political Studies
- International Political Studies
- Politics and Government

### American Political Studies Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

PLSC 101	Government and Politics in the United States	3 hrs.
PLSC 151	Introduction to Comparative Politics	3 hrs.
PLSC 252	Introduction to International Relations	3 hrs.
PLSC 275	Statistics for the Behavioral Sciences	3 hrs.
PLSC 380	Western Political Thought	3 hrs.
PLSC 493	Senior Seminar	3 hrs.
Choose 15 credit hours from the following:		15 hrs.
PLSC 212	State and Local Government	
PLSC 232	Media, Polls and Politics	
PLSC 283	American Social and Political Thought	
PLSC 302	U.S. Foreign Policy	
PLSC 309	Global Environmental Politics	
PLSC 315	Environmental Laws and Regulations	
PLSC 332	Political Parties, Elections and Interest Groups	
PLSC 333	Congress and the Presidency	
PLSC 335	Constitutional Law	
PLSC 336	Public Policy and the Federal System	
PLSC 341	Homosexuality and Civil Liberties	

PLSC 362	Rhetorical Criticism
PLSC 370	Women and Politics

**International Political Studies Major:**

Students in the International Political Studies major are strongly encouraged to take an additional year of foreign language beyond GP21 requirements.

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

PLSC 101	Government and Politics in the United States	3 hrs.
PLSC 151	Introduction to Comparative Politics	3 hrs.
PLSC 252	Introduction to International Relations	3 hrs.
PLSC 275	Statistics for the Behavioral Sciences	3 hrs.
PLSC 380	Western Political Thought	3 hrs.
PLSC 493	Senior Seminar	3 hrs.
Choose 15 credit hours from the following:		15 hrs.
PLSC 300	Midwest Model United Nations (up to 3 credit hours)	
PLSC 302	U.S. Foreign Policy	
PLSC 309	Global Environmental Politics	
PLSC 344	Modern Africa: Continuity and Change	
PLSC 352	International Political Economy	
PLSC 354	European Politics	
PLSC 360	Islam and Politics in the Modern Middle East	
PLSC 365	Egypt and the Third World	
PLSC 370	Women and Politics	
PLSC 375	Arab-Israeli Conflict	
PLSC 385	Third World Conflicts	

**Politics and Government Major:**

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

PLSC 101	Government and Politics in the United States	3 hrs.
PLSC 151	Introduction to Comparative Politics	3 hrs.
PLSC 252	Introduction to International Relations	3 hrs.
PLSC 275	Statistics for the Behavioral Sciences	3 hrs.
PLSC 380	Western Political Thought	3 hrs.
PLSC 493	Senior Seminar	3 hrs.
Choose 6 credit hours from the following:		6 hrs.
PLSC 212	State and Local Government	
PLSC 232	Media, Polls and Politics	
PLSC 283	American Social and Political Thought	
PLSC 302	U.S. Foreign Policy	
PLSC 315	Environmental Laws and Regulations	
PLSC 332	Political Parties, Elections and Interest Groups	
PLSC 333	Congress and the Presidency	
PLSC 335	Constitutional Law	
PLSC 336	Public Policy and the Federal System	
PLSC 341	Homosexuality and Civil Liberties	
PLSC 362	Rhetorical Criticism	
PLSC 370	Women and Politics	
Choose 6 credit hours from the following:		6 hrs.
PLSC 300	Midwest Model United Nations (up to 3 credit hours)	
PLSC 309	Global Environmental Politics	
PLSC 344	Modern Africa: Continuity and Change	
PLSC 352	International Political Economy	
PLSC 354	European Politics	
PLSC 300	Midwest Model United Nations	
PLSC 360	Islam and Politics in the Modern Middle East	
PLSC 365	Egypt and the Third World	
PLSC 375	Arab-Israeli Conflict	
PLSC 385	Third World Conflicts	
Choose one elective course:		3 hrs.

# Political Science

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## Politics and Government Minor:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

PLSC 101	Government and Politics in the United States	3 hrs.
PLSC 151	Introduction to Comparative Politics	3 hrs.
PLSC 252	Introduction to International Relations	3 hrs.
PLSC 380	Western Political Thought	3 hrs.
	Electives	9 hrs.

## Course Descriptions:

**PLSC 101 Government and Politics in the United States. 3 hours.** Introduction to the theories, constitutional bases, functions and government structures of the U.S. political system. Emphasis on national politics and linkages with state and local governments, with particular emphasis on Missouri. Current issues in domestic and foreign politics. *Offered every semester.*

**PLSC 151 Introduction to Comparative Politics. 3 hours.** Introduction to the comparison of different political systems; examination of liberal democratic societies, communist and postcommunist systems and developing nations with case studies from each category. *Offered every semester.*

**PLSC 212 State and Local Government. 3 hours.** An examination of the basic institutions and processes of state and local governments, how these institutions and processes function, and the effects of these institutions and processes. It also examines public policies and public participation in state and local government. *Offered spring semester of even numbered years.*

**PLSC 232 Media, Polls and Politics. 3 hours.** An examination of media, public opinion and democratic theory, how opinion is shaped through political socialization and the effects of media and opinion on political behavior. *Offered fall semester of even numbered years.* Same as COMM 232.

**PLSC 252 Introduction to International Relations. 3 hours.** A study of the historical background and contemporary organization of the international political system and the world economy. *Offered fall semester.*

**PLSC 275 Statistics for the Behavioral Sciences. 3 hours.** *Prerequisite: PSYC 101, PLSC 101, CRIM 102 or SOCI 101 or permission of instructor. PSYC/SOCI/CRIM 200 recommended.* This course introduces the student to the basic design methodologies and statistical techniques used in behavioral sciences. Some of the topics considered are mixed and correlational designs, analysis of variance and data collection procedures. *Offered both semesters.* Same as COMM 275, CRIM 275, PSYC 275 and SOCI 275.

**PLSC 283 American Social and Political Thought. 3 hours.** Study of major currents of social and political thought and their impact on American culture and political institutions. *Offered occasionally.* Same as HIST 283. (Meets Ideas and Events of Western History)

**PLSC 300 Midwest Model United Nations. 1 hour.** In-depth role playing that leads to an understanding of the United Nations, the relationships among countries and methods of resolving conflict; preparation for the annual MMUN simulation in St. Louis. Course may be repeated for credit. *Offered every semester.*

**PLSC 302 U.S. Foreign Policy. 3 hours.** Examination of 20th century foreign policy, with earlier events studied in light of their contributions to policies and practices of the later period. *Offered fall semester of odd numbered years.* Same as HIST 302.

**PLSC 309 Global Environmental Politics. 3 hours.** Examination of the politics of environmental issues, including air and water pollution, hazardous waste, solid waste disposal, ozone depletion, global warming and alternative energy systems; emphasis on political interactions within and across nations in dealing with environmental problems. *Offered spring semester of even numbered years.* Same as ENVR 309.

**PLSC 315 Environmental Laws and Regulations. 3 hours.** *Prerequisite: ENVR 312.* An introduction to hazardous waste regulations, solid waste management programs, the Clean Air Act, OSHA regulations, the Clean Water Act, environmental audits, remediation technology and issues relating to the impact of environmental law on society. *Offered spring semester of odd numbered years.* Same as ENVR 315.

**PLSC 332 Political Parties, Elections and Interest Groups. 3 hours.** Examination of political parties, elections and electoral behavior and interest groups within the American setting. *Offered spring of odd numbered years.*

**PLSC 333 Congress and the Presidency. 3 hours.** Examination of the structures and roles of legislative and executive institutions with primary focus on the politics of policy making; topics include theories of representation, institutional organization, leadership styles and interest group influence. *Offered spring semester of odd numbered years.*

**PLSC 335 Constitutional Law. 3 hours.** A study of judicial processes and decisions; particular emphasis on major Supreme Court decisions that have shaped legal thought and altered the social fabric of American society. *Offered fall semester of even numbered years.*

**PLSC 336 Public Policy and the Federal System. 3 hours.** Examination of policy administration and implementation with special emphasis on the interactions of national, state and local governments; comparison of the U.S. with other western nations in selected policy areas. *Offered fall of odd numbered years.*

**PLSC 341 Homosexuality and Civil Liberties. 3 hours.**

Examination of the rise of the gay and lesbian movement and the challenges of achieving civil liberties and civil rights in dominantly heterosexual western and non-western societies. *Offered spring semester of even numbered years.* Same as SOCI 341. (Meets Minorities and Indigenous Cultures)

**PLSC 344 Modern Africa: Continuity and Change. 3 hours.**

A broad introductory survey of African developments from human origins to the present, with an emphasis on the events, themes and developments most directly related to the emergence of modern Africa. *Offered fall semester.* Same as HIST 344. (Meets Minorities and Indigenous Cultures)

**PLSC 352 International Political Economy. 3 hours.**

Examination of the historical development of the world economy; trade, finance and production within the world economy; and issues of environmental sustainability and social justice with regard to the world economy's current organization. *Offered spring semester of odd numbered years.*

**PLSC 354 European Politics. 3 hours.**

Examination of political and popular culture and its impact on democratic societies in the late twentieth century. Detailed discussions of the political cultures of western Europe. *Offered fall semester of odd numbered years.*

**PLSC 360 Islam and Politics in the Modern Middle East. 3 hours.**

Study of the historical development of modern political Islam from the nineteenth century to the present. Topics include Islamic sectarianism, religious minorities and the state in the Middle East and debate on the compatibility of Islam and liberal democracy. *Offered spring semester of even numbered years.* Same as HIST 360. (Meets Minorities and Indigenous Cultures)

**PLSC 362 Rhetorical Criticism. 3 hours.**

Critical analysis and evaluation of public symbolic persuasion. Attention is given to the logical, aesthetic and political components and consequences of rhetorical activity in influencing belief, affecting social change and crafting cultural identities. Same as COMM 362.

**PLSC 365 Egypt and the Third World. 3 hours.**

Examination of Egypt as a case study to illuminate common issues and themes among developing countries and to explore the diversity of historical experiences,

political systems, economic realities and social/cultural values in the Third World. *Offered spring semester of odd numbered years.* (Meets Minorities and Indigenous Cultures)

**PLSC 370 Women and Politics. 3 hours.**

A study of the role of women as political actors, policy issues affecting women and the role of gender in shaping political attitudes and perceptions; a comparative perspective of women's status in western and non-western societies. *Offered spring semester of even numbered years.* Same as WMST 370. (Meets Minorities and Indigenous Cultures)

**PLSC 375 Arab-Israeli Conflict. 3 hours.**

An in-depth examination of the history of the Arab-Israeli conflict, tracing its historical, political, cultural and religious roots; the course also uses the Arab-Israeli conflict to address broader issues of international conflict and conflict resolution. *Offered fall semesters of even numbered year.* Same as HIST 375. (Meets Minorities and Indigenous Cultures)

**PLSC 380 Western Political Thought. 3 hours.**

Examination of political ideas representative of selected periods and political philosophies from the ancient world to modern times. *Offered spring semester of odd numbered years.*

**PLSC 385 Third World Conflicts. 3 hours.**

A study of the Cold War conflicts with an emphasis on the role of developing countries; an analysis of specific Cold War controversies, particularly those that took place in the Third World; an examination of ideological, cultural and socio-historical aspects of the Cold War. *Offered spring semester.* Same as HIST 385. (Meets Minorities and Indigenous Cultures)

**PLSC 493 Senior Seminar. 3 hours.**

Capstone course for majors. Examination of research methods in political science, including computer applications. *Offered fall semester.*

**PLSC 290, 390, 490 Selected Topics. 1-3 hours each. See page 34.**

**PLSC 291, 292, 391, 392, 491, 492 Research. See page 34.**

**PLSC 397, 398, 497, 498 Internship. See page 34.**

# Pre-Law

Jeff VanDenBerg, coordinator and pre-law advisor

The pre-law program at Drury is structured according to the recommendations from American Bar Association approved law schools. These recommendations include the following:

1. Students should major in an academic subject that interests them. Law schools discourage any specific pre-law or legal studies major.
2. Law schools seek students who excel in writing and speaking skills and who demonstrate ability to think analytically, logically and creatively.
3. Law schools expect students in their undergraduate work to cultivate an understanding of the cultural underpinnings of the social and political environment in which the law operates. The Drury Global Perspectives program provides students the tools for such understanding.

Recommended courses include:

ACCT 209	Principles of Accounting (recommended by some law schools)
COMM 264	Persuasive Communication
COMM 335	Argumentation and Debate
COMM 362	Rhetorical Criticism
ECON 201	Basic Principles of Economics
ENGL 207	Expository Writing: Art of the Essay
HIST 101	Survey of United States History I
HIST 102	Survey of United States History II
HIST 283	American Social and Political Thought
PHIL 100	Introduction to Logic
PHIL 201	Introduction to Philosophy
PLSC 101	Government and Politics in the United States
PLSC 283	American Social and Political Thought
PLSC 335	Constitutional Law
PSYC 101	Introduction to Psychology
SOCI 101	Introduction to Sociology

*Students interested in international law are strongly encouraged to take an additional year of a foreign language beyond the general education requirement.*

## Course Descriptions:

### **ACCT 209 Principles of Accounting. 3 hours.**

*Prerequisite: MATH 203 or equivalent or permission of instructor.* Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures: receivables, inventories and fixed assets.

### **COMM 264 Persuasive Communication. 3**

**hours.** A study of the persuasive process. Students study basic theories of persuasion and public speaking. Practical applications are made by presenting persuasive speeches and critical projects. Required of all communication department majors.

### **COMM 335 Argumentation and Debate. 3**

**hours.** Students will explore the theory and practice of argumentation. Introduction to classic theory, the formal structure of debate and contemporary approaches to interpersonal argumentation. Students will write argumentative essays, demonstrate argumentation skills orally and critique the written and oral arguments of others.

### **COMM 362 Rhetorical Criticism. 3 hours.**

Critical analysis and evaluation of public symbolic persuasion. Attention is given to the logical, aesthetic and

political components and consequences of rhetorical activity in influencing belief, affecting social change and crafting cultural identities. Same as PLSC 362.

### **ECON 201 Basic Economic Theory. 4 hours.**

*Prerequisite: MATH 109 or equivalent or permission of instructor.* Students will be introduced to the way market economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

### **ENGL 207 Expository Writing: Art of the**

**Essay. 3 hours.** *Prerequisite: ENGL 150 or permission of instructor.* Theory of expository writing; practice in writing nonfiction, including writing a research paper, with clarity and conciseness. Same as COMM 207. (Meets Creativity Explored)

### **HIST 101 Survey of United States History I.**

**3 hours.** A broad survey of the major political and social developments from the time of Columbus to the Civil War. *Offered every semester.* (Meets Ideas and Events of Western History)

### **HIST 102 Survey of United States History II. 3 hours.**

A broad survey of the major political and social developments from Reconstruction to the present. *Offered*

## Pre-Medical & Allied Health Science Programs

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*every semester.* (Meets Ideas and Events of Western History)

**PHIL 100 Introduction to Logic and Critical Thinking. 3 hours.** This course is to help students learn to think clearly, concisely and analytically, through a familiarity with the reasoning methods of logic in terms of learning how to define terms, formulate arguments and analyze statements critically and objectively. The course will deal with the language of logic and the methods of deductive and inductive reasoning. *Offered annually.*

**PHIL 201 Introduction to Philosophy. 3 hours.** A comparative and critical study of the major philosophic positions with a view to developing analytic, synthetic and speculative dimensions of philosophical methods. *Offered annually.*

**PLSC 101 Government and Politics in the United States. 3 hours.** Introduction to the theories, constitutional bases, functions and government structures of the U.S. political system. Emphasis on national politics and linkages with state and local governments, with particular emphasis on Missouri. Current issues in domestic and foreign politics. *Offered every semester.*

**PLSC 283 American Social and Political Thought. 3 hours.** Study of major currents of social and political thought and their impact on American culture and political institutions. *Offered occasionally.* Same as HIST 283. (Meets Ideas and Events of Western History)

**PLSC 335 Constitutional Law. 3 hours.** A study of judicial processes and decisions; particular emphasis on major Supreme Court decisions that have shaped legal thought and altered the social fabric of American society. *Offered fall semester of even numbered years.*

**PSYC 101 Introduction to Psychology. 3 hours.** This is a survey course providing a study of the behavior of living organisms, particularly human behavior. Typical problems are methods and measurements in psychology, theoretical systems, learning, motivation, perception, personality and psychopathology. *Offered both semesters.* (Meets Human Behavior)

**SOCI 101 Introduction to Sociology. 3 hours.** An analysis of factors that are significant in the development of people as social beings. Consideration is given to the social group and culture as factors in this process. (Meets Human Behavior)

## Pre-Medical & Allied Health Science Programs

Scott Petrich, director of pre-medical sciences

1. Pre-medical: Four-year preparatory programs for: allopathic medicine, dentistry, veterinary medicine, osteopathic medicine and optometry. These programs, leading to the bachelors degree, include the prerequisite science/mathematics courses normally required for application to the professional school of choice. In addition, all requirements for the liberal arts degree as listed in the catalog must be met. Professional school qualifying exams (MCAT, DAT, VCAT, etc.) are normally required prior to application. A suggested program of study, additional information, exam application packets and application service packets are available in the premedical advising office, Trustee Science Center, Room 100.

**Special Pre-Med Scholars Programs.** Drury University offers three pre-medical scholars programs for incoming freshmen with high academic credentials. They are as follows:

a. The St. Louis Pre-medical Scholars Program offers an opportunity for early conditional acceptance to medical school for eligible students. Once accepted by the medical school the students are required to complete the requirements for the bachelor's degree at Drury. Brochures outlining the details of this special program are available from the pre-medical advising office.

The St. Louis Pre-medical Scholars Program is an agreement between Drury and St. Louis University School of Medicine. Entering freshmen who meet the following requirements are invited to apply. The candidate must: (a) have no previous college experience and must take all prescribed courses at Drury University, (b) have attained an ACT composite score of 30 or higher and (c) have demonstrated a high level of academic achievement. The students must also maintain a qualifying GPA during their first two years while taking a prescribed set of courses and attend an interview at St. Louis University at the end of their sophomore year.

b. The Missouri Rural (Bryant) Scholars Program allows up to two students from a rural setting in Missouri to gain an early conditional acceptance into the medical school at the University of Missouri-Columbia following their freshman year. Drury University can nominate up to five students as Rural Scholars. Brochures outlining the details of this program are available from the pre-medical advising office. Students eligible for this program must meet the following criteria: 1) they must have a 30 or higher composite ACT score, 2) they must be from a town in Missouri with a population of 18,000 or less, and 3) they must have a commitment to practicing rural medicine in the state of Missouri. Following the selection of the Rural Scholars, the students must maintain grades of at least a B in certain prescribed courses,



## Pre-Medical & Allied Health Science Programs

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complete the requirements for the bachelor's degree at Drury and attend various rural medical retreats during their last three years at Drury.

c. The Pre-Osteopathic Medical Scholars Program is designed to provide admission opportunities to outstanding students of Drury University who have as their goal to become doctors of osteopathic medicine. The program is conducted under joint collaboration of Drury University and the Kirksville College of Osteopathic Medicine (KCOM).

Incoming freshmen who are eligible must possess a composite ACT score of at least 28 (or SAT score of 1230 or higher) and demonstrate an interest in the osteopathic medical philosophy. Drury University students may enroll in any major, provided the KCOM entry requirements are met by the designated year of enrollment. Drury University students will apply for admission into this program after completing three semesters (approximately 45 credit hours). After three semesters they must have a GPA of at least 3.40 overall and 3.40 in the sciences. Students must meet with the Drury University pre-health advisor in order to arrange a visit to KCOM prior to the end of the fall semester of their sophomore year. Selection criteria can therefore be summarized as follows: 1) meeting all academic and course requirements, 2) commitment to osteopathic medicine, 3) community service/leadership positions held, and 4) successful interview with the KCOM selection committee.

KCOM will accept a maximum of five students per year from students meeting the selection criteria into the Pre-Osteopathic medicine scholars program. The acceptance is valid as long as the participants follow the requirements and guidelines during the junior and senior years at Drury University. For more information, brochures are available from the pre-medical advising office.

### 2. **Pre-allied Health Programs** (two and three year programs at Drury)

In addition to the (normally) four-year programs described above, Drury University offers the required preliminary courses for any of the allied health sciences. These programs, usually two to three years of undergraduate preparation, are followed by one or more years of clinical studies in the professional schools. The programs, listed below, represent a sample of allied health programs. Additional information, including a suggested program of study brochure, is available from the pre-medical advising office.

**Medical Technology:** A 90-hour (three-year) undergraduate preparatory program at Drury and one full year (12 months) in an accredited school of medical technology.

**Occupational Therapy:** A three to four year preparatory program followed by two or four years of clinical studies. Some professional schools may accept only applicants who have completed a bachelor's degree.

**Physical Therapy:** Normally a two-year undergraduate program followed by two or four years of clinical study. Applicants who have completed degree requirements are preferred.

**Physician's Assistant:** Normally a four-year undergraduate program followed by two years of clinical study. Applicants with additional course work are preferred. Experience in a health care facility is expected.

**Chiropractic Medicine:** A minimum undergraduate program of sixty hours (two years) is required. Applicants who have completed the requirements for the bachelor's degree are preferred. Demonstrated interest and experience in a health care facility are expected.

**Clinical Perfusion:** Normally a two-year undergraduate program but, like other health sciences, additional course work and experience are preferred.

**Pharmacy:** Basically a two year undergraduate preparatory program in chemistry as a part of the Drury liberal arts curriculum. A qualifying exam is usually required.

# Psychology

## Department of Behavioral Sciences

Mary Utley, chair

The department of behavioral sciences focuses on the disciplines of psychology, sociology and criminology. A primary goal of this department is to help the student function as an effective, informed person in our culture which is defined by enormously complicated contingencies of adaptation. To this end, the principles of human behavior are presented within the context of an interdisciplinary liberal arts educational program. Psychology, sociology and criminology address different dimensions of human behavior that can be integrated to form a comprehensive view of the human condition.

The courses in psychology are designed to acquaint the student with scientific investigation of human and animal behavior. Psychology 101 is a prerequisite for most psychology courses.

In addition to the course offerings, departmental majors are encouraged to work in community, social and/or correctional agencies where they can apply classroom knowledge to real problems. Students planning on graduate work should take PSYC 240, 336, 338, 450 and Research.

### Psychology Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

PSYC 101	Introduction to Psychology	3 hrs.
PSYC 200	Research Methods in Social Science	3 hrs.
PSYC 275	Statistics for the Behavioral Sciences	3 hrs.
PSYC 334	Abnormal Psychology	3 hrs.
PSYC 361	Experimental Psychology	3 hrs.
PSYC 493	Senior Seminar	3 hrs.
PSYC 397, 398, 497, 498	Internship	3 hrs.
Choose one of the following:		3 hrs.
PSYC 230	Life Span Development	
PSYC 240	Social Psychology	
Choose two from the following:		6 hrs.
PSYC 326	Theories of Counseling and Guidance	
PSYC 336	Psychological Tests and Measurements	
PSYC 338	Personality Theory in Psychology	
PSYC 350	Psychology of Aging	
PSYC 352	Psychology of Gender	
PSYC 355	Industrial Organizational Psychology	
PSYC 356	Biopsychology	
PSYC 370	Human Sexuality	
PSYC 371	Psychology and the Law	
PSYC 440	Learning and Cognition	
PSYC 450	History and Systems in Psychology	
PSYC 390, 490	Selected Topics	
PSYC 391, 392, 491, 492	Research	

### Psychology Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

PSYC 101	Introduction to Psychology	3 hrs.
PSYC 200	Research Methods in Social Science	3 hrs.
PSYC 334	Abnormal Psychology	3 hrs.
Choose one of the following:		3 hrs.
PSYC 230	Life Span Development	
PSYC 240	Social Psychology	
Choose one of the following electives:		
PSYC 275	Statistics for the Behavioral Sciences	

# Psychology

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PSYC 326	Theories of Counseling and Guidance
PSYC 336	Psychological Tests and Measurements
PSYC 338	Personality Theory in Psychology
PSYC 350	Psychology of Aging
PSYC 352	Psychology of Gender
PSYC 355	Industrial Organizational Psychology
PSYC 356	Biopsychology
PSYC 361	Experimental Psychology
PSYC 370	Human Sexuality
PSYC 371	Psychology and the Law
PSYC 390, 490	Selected Topics
PSYC 391, 392, 491, 492	Research
PSYC 397, 398, 497, 498	Internship

## Course Descriptions:

**PSYC 101 Introduction to Psychology. 3 hours.** This is a survey course providing a study of the behavior of living organisms, particularly human behavior. Typical problems are methods and measurement in psychology, theoretical systems, learning, motivation, perception, personality and psychopathology. *Offered both semesters.* (Meets Human Behavior)

**PSYC 200 Research Methods in Social Science. 3 hours.** *Prerequisite:* PSYC 101. Considers the major methods of the social sciences, including applied statistics. Topics include: research design, surveys, secondary data and other unobtrusive methods, evaluation research, sampling and research reports. Same as CRIM 200, SOCI 200.

**PSYC 230 Life Span Development. 3 hours.** *Prerequisite:* PSYC 101 or permission of instructor. Study of the entire human life span, beginning with conception and the prenatal period. Psychological, sociological and biological determinants of development and change processes are considered.

**PSYC 234 Drugs and Behavior. 3 hours.** *Prerequisite:* PSYC 101. An examination of psychoactive drugs and their impact on society. Biological, psychological and social aspects of drug use are considered as well as implications for social policy.

**PSYC 240 Social Psychology. 3 hours.** *Prerequisite:* PSYC 101. This course studies the behavior and psychological process of individuals who occupy positions in social structures, organizations and groups.

**PSYC 275 Statistics for the Behavioral Sciences. 3 hours.** *Prerequisite:* PSYC 101, PLSC 101, CRIM 102 or SOCI 101 or permission of instructor. PSYC/SOCI/CRIM 200 recommended. This course introduces the student to the basic design methodologies and statistical techniques used in behavioral sciences. Some of the topics considered are mixed and correlational designs, analysis of variance and data collection procedures. *Offered both semesters.* Same as COMM 275, CRIM 275, PLSC 275, and SOCI 275.

**PSYC 326 Theories of Counseling and Guidance. 3 hours.** *Prerequisite:* PSYC 101 and three additional psychology hours. A comparative analysis of the major theories of psychological counseling. Attention is given to specific counseling methods and techniques utilized by psychologists, counselors, ministers, social workers, personnel managers and

criminal justice workers. Same as CRIM 326.

**PSYC 334 Abnormal Psychology. 3 hours.** *Prerequisite:* PSYC 101 plus three additional hours in psychology or permission of instructor. Following a brief introduction to personality theories, the course focuses on the etiology, classification and treatment of behavior problems. Same as CRIM 334.

**PSYC 336 Psychological Tests and Measurements. 3 hours.** *Prerequisite:* PSYC 101 and 275 plus three additional hours in psychology. An intensive study of the theory of measurement with emphasis on errors in measurement, validity, reliability, item analysis, test construction and prediction. A laboratory period will include training in the construction, taking, scoring and interpretation of psychological tests.

**PSYC 338 Personality Theory in Psychology. 3 hours.** *Prerequisite:* PSYC 101 plus three additional hours in psychology. A comparative analysis of the major theories of personality in psychology today. The approach is both rational and empirical.

**PSYC 350 Psychology of Aging. 3 hours.** *Prerequisite:* PSYC 101 or SOCI 101 plus three additional hours in psychology or sociology. An analysis within the empirical framework of the psychological, social and biophysiological changes in the adult who is moving along the age continuum to further differentiation.

**PSYC 352 Psychology of Gender. 3 hours.** *Prerequisite:* PSYC 101. Considers cognitive, personality and social variables as they relate to gender and examines the impact of gender stereotypes and roles in many areas of people's lives. Same as WMST 352.

**PSYC 355 Industrial Organizational Psychology. 3 hours.** *Prerequisite:* PSYC 101 and 275. A systematic study of human behavior in the world of work. Examines selection, evaluation, appraisal and training as aspects of personnel psychology. Focuses on the psychology of work in terms of worker motivation, job satisfaction and adjustment.

**PSYC 356 Biopsychology. 3 hours.** *Prerequisite:* PSYC 101 or permission of instructor. Examines the biological and neurophysiological foundations of human and animal behavior. Emphasizes central nervous system mechanisms which mediate processes such as learning and memory, language, intelligence, sleep and arousal, reward and punishment, and human psychopathology. Same as BIOL 356.

**PSYC 361 Experimental Psychology. 3 hours.**

*Prerequisite: PSYC 101, 200 and PSYC 275 plus three additional hours in psychology or permission of instructor.* Methodology of experimental psychology considered in the context of actual research problems in perception, learning, memory, thinking, individual differences and social behavior. *Offered fall semester.* (Meets Undergraduate Research Experience, see page 28)

**PSYC 370 Human Sexuality. 3 hours.** A study of the anatomy and physiology of the female and male reproductive systems, sexually transmitted diseases, methods of contraception, the sexual response cycle, sexual dysfunctions, gender identity, development of sexual orientation, adult sexuality, the development of relationships, cross-cultural comparisons of sexuality and socialization of sex roles. Same as BIOL 370, SOCI 370 and WMST 370.

**PSYC 371 Psychology and the Law. 3 hours.** This course will examine relevant theory, research case law, and issues of psychological practice within the criminal justice system. Same as CRIM 371.

**PSYC 440 Learning and Cognition. 3 hours.**  
*Prerequisite: PSYC 101 plus 9 additional hours in*

*psychology.* Survey and analysis of major theories of classical and contemporary learning theory. Special emphasis on experimental evidence leading to various models and theories of learning and memory.

**PSYC 450 History and Systems in Psychology. 3 hours.** *Prerequisite: senior standing with 18 hours in psychology.* A study of classical systems and contemporary theories of psychology to the end of integrating various approaches to scientific psychology.

**PSYC 493 Senior Seminar. 3 hours.** This is the capstone course for the major. Current issues in the field are researched and presented in a seminar setting using regular class discussion and debate. Students practice the writing, oral communication and critical thinking skills necessary to succeed in graduate school and their future careers.

**PSYC 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**PSYC 291, 292, 391, 392, 491, 492 Research.** See page 34.

**PSYC 397, 398, 497, 498 Internship.** See page 34.

# Public Relations

## Department of Communication

Ron Schie, chair

The Public Relations major is one of the larger sequences of the five sequences offered by the Communication department. Not only must they take a broad selection of courses, students in the Public Relations major are also encouraged to become involved in numerous extracurricular professional activities.

Public Relations majors are required to build on the base of a broad liberal arts education and Drury's core requirements with a series of professional courses designed to reflect the state of the art in the industry. Public Relations practitioners must be versed in all diverse communication specialties. Majors are therefore advised to take appropriate course work in other fields, and related studies in other departments. The Public Relations major was designed with the realization that technology as well as societal and economic conditions will cause the industry to evolve and career opportunities to change. For this reason, all Public Relations courses attempt to emphasize disciplined, analytical thinking and a reflective attitude toward industry practice. Account management, event planning, media relations, and corporate public affairs are a few of the career opportunities in Public Relations.

**Public Relations:**

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

COMM 206	Foundations of Communication	3 hrs.
COMM 219	Principles of Advertising and Public Relations	3 hrs.
COMM 221	Media Writing	3 hrs.
COMM 264	Persuasive Communication	3 hrs.
COMM 311	Public Relations: Research and Strategy	3 hrs.
COMM 322	Media Law and Ethics	3 hrs.
COMM 334	Public Relations: Application and Practice	3 hrs.
COMM 353	Mass Media and Society	3 hrs.
COMM 411	Advertising/Public Relations Campaigns	3 hrs.

# Public Relations

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Choose three of the following courses:

9hrs.

COMM 201	Interpersonal Communication
COMM 203, 204	Graphic Design
COMM 251	Small Group Communication
COMM 275	Statistics for the Behavioral Sciences
COMM 282	Media Applications
COMM 283	Oral Interpretation
COMM 324	Feature Writing
COMM 335	Argumentation and Debate
COMM 362	Rhetorical Criticism
COMM 387	Organizational Communication
COMM 390-490	Selected Topics
COMM 397	Internship
COMM 412	Advertising Campaigns/Ad Team

In addition to completing the 36 hours above, completion of the following two courses will make it possible for you to major in both Public Relations and Advertising (total of 42 hours).

COMM 312	Advertising Strategy	3 hrs.
COMM 331	Media Analysis and Planning	3 hrs.

There are numerous extracurricular activities that are available within the Communication department community. DC Networks is affiliated with the Springfield Professional Chapter of the Association for Women in Communication and is a professionally oriented student club open to both women and men. DC Networks sponsors the highly successful D'Addy Awards annual competition as well as other career related events and activities. The Drury Advertising Club encourages Public Relations majors to join in their activities, especially the Ad Team competition. Students may choose to involve themselves with *The Mirror* (student newspaper), or any of the Broadcast activities with KDRU or DUTV.

**Course Descriptions:** (For a complete list of communication courses, see page 221.)

**COMM 201 Interpersonal Communication. 3 hours.** An analysis of theoretical approaches to the study of interpersonal communication and the role of interpersonal communication in the development and maintenance of human relationships.

**COMM 203 Graphic Design I. 3 hours.** This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through lectures, demonstrations and discussions, a basic understanding of layout, design and computer applications will be taught. Same as ARTS 203. (Meets Creativity Explored)

**COMM 204 Graphic Design II. 3 hours.** *Prerequisite: COMM 203.* This course is the second half of the two-semester sequence in which knowledge and skills of typography and communication of the written word is blended into the creation of personalized design projects reflecting a realistic approach to contemporary graphic design. Through lectures, demonstrations and discussions, an advanced understanding of computer applications, layout and design will be taught. Same as ARTS 204.

**COMM 206 Foundations of Communication. 3 hours.** Introduction to the study of communication, including the major theories and research methods used in communication studies. Required of all communication department majors.

**COMM 219 Principles of Advertising and Public Relations. 3 hours.** Introduction to all aspects of advertising and public relations, including history, philosophies, people, the relationship between the fields, the diversity of opportunity and to the processes, quantitative, strategic and aesthetic, by which information and ideas are effectively communicated to target audiences.

**COMM 221 Media Writing. 3 hours.** Principles and practices of writing for print and broadcast journalism, public relations and advertising, with techniques for gathering material upon which to base such writing.

**COMM 251 Small Group Communication. 3 hours.** A study of the major variables and dynamics involved in group interactions. Emphasis on practical guidance to help students become more effective members and leaders of small groups. The course concludes with a group project based on the analysis of a decision-making group.

**COMM 264 Persuasive Communication. 3 hours.** A study of the persuasive process. Students study basic theories of persuasion and public speaking. Practical applications are made by presenting persuasive speeches and critical projects. Required of all communication department majors.

**COMM 275 Statistics for the Behavioral Sciences. 3 hours.** *Prerequisite: PSYC 101, PLSC 101, CRIM 102 or SOCI 101 or permission of instructor. PSYC/SOCI/CRIM 200 recommended.* This course introduces the student to the basic design methodologies and statistical techniques used in behavioral sciences. Some

of the topics considered are mixed and correlational designs, analysis of variance and data collection procedures. *Offered both semesters.* Same as CRIM 275, PLSC 275, PSYC 275 and SOCI 275.

**COMM 282 Media Applications. 3 hours.** Principles of effective communication utilizing electronic media. Students gain practical knowledge and skills in producing messages for radio and television.

**COMM 283 Oral Interpretation I. 3 hours.** Introduction to basic oral interpretation of the printed page. Same as THTR 283. (Meets Creativity Explored)

**COMM 311 Public Relations: Research and Strategy. 3 hours.** *Prerequisite:* COMM 206, 219 and 221. Identification and analysis of trends and issues that influence profit and nonprofit organizations. Students will study research principles as they apply to understanding public opinion. The course will culminate in a research practicum.

**COMM 312 Advertising Strategy. 3 hours.** *Prerequisite:* COMM 206, 219, and 221. Focuses on strategic thinking and critical skills in the development of advertising messages. Students will learn to develop strategies, execute creative strategies, evaluate creative work, maintain strategic and executional continuity throughout a campaign and present their ideas.

**COMM 320 Reporting. 3 hours.** *Prerequisite:* COMM 206 and 221. Puts into practice the news writing fundamentals and journalistic principles presented in COMM 221. Students gain experience in reporting by covering campus news events.

**COMM 322 Media Law and Ethics. 3 hours.** A survey of federal, state and municipal laws governing freedom of speech and commerce in journalism, public relations and advertising, with an exploration of ethical guidelines for professional behavior. Required of all communication department majors.

**COMM 324 Feature Writing. 3 hours.** *Prerequisite:* COMM 320. Builds upon news writing fundamentals and journalistic principles presented in COMM 221, venturing beyond the reporting of routine events and into the realm of feature stories that illuminate, explain and entertain.

**COMM 331 Media Analysis and Planning. 3 hours.** *Prerequisite:* COMM 206, 219, and 221. This course focuses on the key issues involved in the development of media strategies and the tools and techniques used to analyze media opportunities. The emphasis is on determining how all media - the nontraditional as well as the traditional - can deliver messages to target audiences.

**COMM 334 Public Relations: Application and Practice. 3 hours.** *Prerequisite:* COMM 206, 219 and 221. Students will develop skills in writing various PR tools for both internal and external organizational audiences. Desktop publishing software will be used to create PR materials

such as news releases, brochures, newsletters, annual reports and PSAs.

**COMM 335 Argumentation and Debate. 3 hours.** Students will explore the theory and practice of argumentation. Introduction to classic theory, the formal structure of debate and contemporary approaches to interpersonal argumentation. Students will write argumentative essays, demonstrate argumentation skills orally and critique the written and oral arguments of others.

**COMM 353 Mass Media and Society. 3 hours.** The history and current status of mass media in America, including newspapers, magazines, books, motion pictures, the recording industry, radio and television and media effects upon society. Required of all communication department majors.

**COMM 362 Rhetorical Criticism. 3 hours.** Critical analysis and evaluation of public symbolic persuasion. Attention is given to the logical, aesthetic, and political components and consequences of rhetorical activity in influencing belief, affecting social change, and crafting cultural identities. Same as PLSC 362.

**COMM 387 Organizational Communication. 3 hours.** This course focuses on communication as a process variable which affects the internal functions of an organization. It is concerned with organizational structures and practices which can either enhance or impede the free flow of information. Students will study the dynamics of organizational communication in a project based on the communication audit of a local organization.

**COMM 411 Advertising/PR Campaigns. 3 hours.** Designed to give students the opportunity to integrate all prior learning and apply it to an actual problem-solving effort for a real-world client who articulates the problem and assists in evaluation of the final work. The focus is on the development of a comprehensive campaign plan to be presented both in written and oral presentations. This is the capstone course for advertising and public relations majors and should be taken in the senior year.

**COMM 412 Advertising Campaigns/Ad Team. 3 hours.** *Prerequisite:* COMM 411 and permission of instructor. This is the second half of the two semester AAF Competition effort. A team will be selected from the fall Advertising Campaigns class to compete in the American Advertising Federation's National Student Advertising Competition.

**COMM 290, 390, 490 Selected Topics. 1-3 hours.** See page 34.

**COMM 291, 292, 391, 392, 491, 492 Research.** See page 34.

**COMM 397, 398, 497, 498 Internship.** See page 34.

# Religion

## Department of Philosophy and Religion

Lisa M. Esposito, chair

Central to human existence, and central to the liberal arts, are questions of meaning. The systematic exploration of these questions and their possible answers define studies in philosophy and religion.

Religious experience and reflection are humanity's first and oldest responses to central questions of meaning. Through a variety of methodologies, religious studies examine the elements of faith, the faiths of humanity, and contemporary critiques and transformations of religious belief.

Courses in philosophy and religion are thus oriented towards helping students discover and develop their most fundamental views -- their world view. As such, courses in philosophy and religion are essential to liberal arts education, and to the exploration and definition of who we are as human beings.

The department is distinctive in its focus on the practical application of philosophical and religious studies. Accordingly, students majoring in religion or philosophy are strongly encouraged to participate in field experience (PHIL/RELG 276) and internships (PHIL/RELG 397, 398, 497, 498) which apply their skills and insights to real-world contexts.

The department offers major and minor courses of study in philosophy, religion and a combined philosophy/religion program. The Religion major consists of 27 hours in the department (including 12 upper-level credit hours plus Senior Seminar) to be drawn from the following:

### Religion Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

RELG 109	Introduction to the Study of Religion	3 hrs.
RELG 203	Introduction to the Bible	3 hrs.
RELG 493	Senior Seminar	3 hrs.
Ethics: Choose one from the following:		3 hrs.
RELG 305	Ethical Issues in Health Care	
RELG 309	Christian Ethics	
RELG 290, 390, 490	Selected Topics (comparative religious ethics, applied religious ethics, etc.)	
Theology: Choose one from the following:		3 hrs.
RELG 368	20th Century Christian Thought	
RELG 290, 390, 490	Selected Topics (history of systematic theology, feminist theology, third world theology, etc.)	
Electives: Choose four courses from the following: (at least 6 hours must be upper-division)		12 hrs.
RELG 201	Religions of the World: Eastern	
RELG 202	Religions of the World: Middle Eastern	
RELG 204	Introduction to History of Christianity	
RELG 205	The Life and Teachings of Jesus	
RELG 276	Field Experience (1-3 hrs)	
RELG 305	Ethical Issues in Health Care	
RELG 306	History of Ancient Philosophy	
RELG 307	History of Medieval Philosophy	
RELG 308	History of Women Philosophers	
RELG 376	Philosophy of Religion	
RELG 290, 390, 490	Selected Topics (Recent offerings include "Does God Exist?"; Marriage, Sex and Violence in the Hebrew Bible; Women and Religion; Prophetic Literature; Wisdom Literature; Apocalyptic Literature.)	
RELG 391, 392, 491, 492	Research	

Finally, students majoring in religion are encouraged to fulfill their Global Perspectives foreign language by studying Biblical Languages: Hebrew and Greek when available through the department of languages.

**Religion Minor:**

The religion minor consists of 15 hours of courses in the department (including 6 upper-level credit hours) chosen in consultation with a department faculty member or chair.

**Combined Philosophy and Religion Major:**

The combined philosophy and religion major consists of 24 hours and Senior Seminar / Minor (15 hours): a course of studies drawn from the religion and philosophy offerings, in consultation with a departmental faculty member and approval of the department chair.

**Course Descriptions:**

**RELG 109 Introduction to the Study of Religion. 3 hours.** Religion and religious ideas are central to all cultures and societies, including our own. This course will look at the broad range of cultural forms we have come to call religion, examine how these forms shape cultures and societies, and finally, by examining what these forms have in common and how they differ, we will determine what it is we study when we study religion. *Offered annually.* (Meets Artifacts of Western Culture)

**RELG 201 Religions of the World: Eastern. 3 hours.** A religio-philosophical introduction to Hinduism, Buddhism, Confucianism and Taoism. Specifically, the course focuses on the systems of value that emerge from these traditions and, where appropriate, compares and contrasts them with the value systems of Western traditions. The conceptual framework guiding this examination incorporates the tradition's overall world view, conception of God or ultimate reality, understanding of the origin, nature and destiny of the cosmos and of human beings, diagnosis of the human condition and prescription for attaining the ultimate goal or purpose of human life.

**RELG 202 Religions of the World: Middle Eastern. 3 hours.** A comparative study of the major ideas of those religions most directly related to and influencing the West: Zoroastrianism, Islam, Judaism and Christianity. *Offered annually.* (Meets Ideas and Events of Western History)

**RELG 203 Introduction to the Bible. 3 hours.** An introductory study of the Hebrew scriptures and the Christian New Testament with attention to the literature of these sacred texts, the historical circumstances of their development and the methods of textual interpretation. *Offered annually.* (Meets Artifacts of Western Culture)

**RELG 204 Introduction to History of Christianity. 3 hours.** An introductory survey of the history of Christianity. Attention is given to the Early church Fathers, the Medieval era, the Reformation, the church's response to the Enlightenment and the Contemporary period. (Meets Ideas and Events of Western History)

**RELG 205 The Life and Teachings of Jesus. 3 hours.** A study of the person, work and teaching of Jesus as reflected in the Biblical records, with some attention given to later and current interpretations of His life. *Offered annually.*

**RELG 276 Field Experience. 1-3 hours.** Allows students to apply skills and abilities gained through studies in the department (e.g., critical thinking and logic, values analysis, medical ethics, Hebrew, Greek, etc.) to specific and practical contexts in the larger community. Recent experiences include serving as critical thinking mentors

in the Phelps Gifted Education Program and for middle and high school students involved in the STEP UP program. Students will receive one credit hour per 40-50 hours of experience/service. Same as PHIL 276.

**RELG 305 Ethical Issues in Health Care. 3 hours.** This course explores the ethical dilemmas confronting contemporary medicine. It both inquires into a broad range of topics (abortion, euthanasia, health care costs, organ transplantation, etc.) and provides a thorough study of ethical theories which may be applied to address the dilemmas of modern medicine. *Offered annually.* Same as PHIL 305. (Meets Values Inquiry)

**RELG 306 History of Ancient Philosophy. 3 hours.** An introduction to prominent figures and doctrinal developments in the history of ancient Greek philosophical thought. The course focuses on the primary texts of the Presocratics, Sophists, Plato and Aristotle, and examines their reflections on the origin, nature and architecture of the universe, the nature and possibility of human knowledge and scientific theorizing, the human being and the human condition, as well as related ethical and political issues. Same as PHIL 306. (Meets Ideas and Events of Western History)

**RELG 307 History of Medieval Philosophy. 3 hours.** An introduction to prominent figures and doctrinal developments in the history of medieval philosophical thought from the fourth through the fourteenth centuries. The course examines medieval reflections on the existence, nature and knowability of God, the origin and architecture of the universe, the human person, the freedom of the human will, human knowledge, the relation between faith and reason, and theology and philosophy, as well as related ethical and political issues. Same as RELG 307. (Meets Ideas and Events of Western History)

**RELG 308 History of Women Philosophers. 3 hours.** An introduction to women's contributions to the history of philosophical thought. The course moves from ancient Greece up through twentieth-century Western Europe and North America. The course considers the methodology and style of women philosophers and examines their reflections on the nature of reality, God, the human person and the human condition, knowledge, freedom and moral responsibility, sexual identity and difference, society, ethics and politics, language and science. Same as PHIL 308. (Meets Ideas and Events of Western History)

**RELG 309 Christian Ethics. 3 hours.** This course explores the biblical resources for Christian moral



# Sociology

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decision-making, examines the historical development of moral theology (from the early church through the 20th century) and addresses selected moral issues. Same as PHIL 309. (Meets Values Inquiry)

**RELG 368 20th Century Christian Thought. 3 hours.** An examination of the works of some of the major Christian thinkers of the 20th century in their response to the intellectual and cultural movements of the times. *Offered occasionally.*

**RELG 376 Philosophy of Religion. 3 hours.** This is the

same course as Philosophy 376. Since this course is a philosophical study of religion it may be credited as a course in religion. *Offered occasionally.* Same as PHIL 376.

**RELG 493 Senior Seminar. 3 hours.**

**RELG 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**RELG 391, 392, 491, 492 Research. See page 34.**

# Sociology

## Department of Behavioral Sciences

Mary Utley, chair

The department of behavioral sciences focuses on the disciplines of psychology, sociology and criminology. A primary goal of this department is to help the student function as an effective, informed person in our culture which is defined by enormously complicated contingencies of adaptation. To this end, the principles of human behavior are presented within the context of an interdisciplinary liberal arts educational program. Psychology, sociology and criminology address different dimensions of human behavior that can be integrated to form a comprehensive view of the human condition.

Sociology involves the systematic study of behavior in human social systems, varying from small groups to large societies. Sociology 101 is a prerequisite for most sociology courses.

In addition to the course offerings, departmental majors are encouraged to work in community, social and/or correctional agencies where they can apply classroom knowledge to real problems.

### **Sociology Major:**

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

SOCI 101	Introduction to Sociology	3 hrs.
SOCI 200	Research Methods in Social Science	3 hrs.
SOCI 201	Sociology of the Family	3 hrs.
SOCI 202	Global Social Problems	3 hrs.
SOCI 275	Statistics for the Behavioral Sciences	3 hrs.
SOCI 336	Development of Sociological Theory	3 hrs.
SOCI 400	Social Stratification	3 hrs.
SOCI 493	Senior Seminar	3 hrs.
SOCI 397, 398, 497, 498	Internship	3 hrs.
Choose one course from the following electives:		3 hrs.
SOCI 316	Minority Groups	
SOCI 321	Deviance and Social Control	
SOCI 325	Political Sociology	
SOCI 332	Juvenile Delinquency	
SOCI 341	Homosexuality and Civil Liberties	
SOCI 351	Cultures of the Middle East	
SOCI 355	Islam and Women	
SOCI 360	Human Ecology	
SOCI 362	Sociology of Religion	
SOCI 370	Human Sexuality	
SOCI 290, 390, 490	Selected Topics	
SOCI 291, 292, 391, 392, 491, 492	Research	

**Sociology Minor:**

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

SOCI 101	Introduction to Sociology	3 hrs.
SOCI 202	Global Social Problems	3 hrs.
SOCI 336	Development of Sociological Theory	3 hrs.
SOCI 400	Social Stratification	3 hrs.
Choose one course from the following electives:		3 hrs.
SOCI 316	Minority Groups	
SOCI 321	Deviance and Social Control	
SOCI 325	Political Sociology	
SOCI 332	Juvenile Delinquency	
SOCI 341	Homosexuality and Civil Liberties	
SOCI 351	Cultures of the Middle East	
SOCI 355	Islam and Women	
SOCI 360	Human Ecology	
SOCI 362	Sociology of Religion	
SOCI 370	Human Sexuality	
SOCI 493	Senior Seminar	
SOCI 290, 390, 490	Selected Topics	
SOCI 291, 292, 391, 392, 491, 492	Research	

**Course Descriptions:**

**SOCI 101 Introduction to Sociology. 3 hours.** An analysis of factors that are significant in the development of people as social beings. Consideration is given to the social group and culture as factors in this process. (Meets Human Behavior)

**SOCI 111 Introduction to Anthropology. 3 hours.** Explore the structure and processes that shape human variability. Special emphasis is placed on evolutionary forces and the biocultural development of early humans. (Meets Human Behavior)

**SOCI 200 Research Methods in Social Science. 3 hours.** Prerequisite: SOCI 101. Considers the major methods of the social sciences, including applied statistics. Topics include: research design, surveys, secondary data and other nonobtrusive methods, evaluation research, sampling and research reports. Same as CRIM 200, PSYC 200.

**SOCI 201 Sociology of the Family. 3 hours.** Prerequisite: SOCI 101. The study of the family as a dynamic social institution. Students will examine family structures and socialization processes within multicultural and socio-historical contexts, including patterns of role behaviors, division of labor, decision-making and the life cycle.

**SOCI 202 Global Social Problems. 3 hours.** Prerequisite: SOCI 101 or permission of the instructor. This course examines major global social problems and applies the sociological perspectives in understanding the contemporary global social problems such as race and ethnic conflict, war, public health, poverty, population and environmental issues.

**SOCI 275 Statistics for the Behavioral Sciences. 3 hours.** Prerequisite: PSYC 101, PLSC 101, CRIM 102 or SOCI 101 or permission of instructor. PSYC/SOCI/CRIM 200 recommended. This course introduces the student to the basic design methodologies and statistical techniques used in behavioral sciences. Some of the topics considered are mixed and correlational designs, analysis of variance and data collection procedures. Offered both semesters. Same as PSYC 275, COMM 275,

CRIM 275, PLSC 275.

**SOCI 316 Minority Groups. 3 hours.** Prerequisite: GLST 201, SOCI 101 or permission of instructor. Examines the process of adjustment of various ethnic and cultural groups to life in the United States. Some consideration to world ethnic situations. (Meets Minorities and Indigenous Cultures)

**SOCI 321 Deviance and Social Control. 3 hours.** Prerequisite: CRIM 102 or SOCI 101. This course provides several perspectives on the nature and sources of deviance. Included in the survey are societal responses to deviance and processes to control deviance. Same as CRIM 321.

**SOCI 325 Political Sociology. 3 hours.** Prerequisite: SOCI 101. This course is an in-depth study of the social bases of power and politics. Political, economic and cultural forces of conflict and change are examined.

**SOCI 332 Juvenile Delinquency. 3 hours.** Prerequisite: SOCI 101 or CRIM 102. A systemic analysis of theories of juvenile delinquency and how the juvenile justice system manages delinquents. Consideration will also be given to solutions of delinquency. Same as CRIM 332.

**SOCI 336 Development of Sociological Theory. 3 hours.** Prerequisite: SOCI 101. An analysis of the evolution of major sociological perspectives which seek to explain the nature of social order. Emphasis is placed on social processes of consensus, conflict and social change.

**SOCI 341 Homosexuality and Civil Liberties. 3 hours.** Examination of the rise of the gay and lesbian movement and the challenges of achieving civil liberties and civil rights in dominantly heterosexual western and non-western societies. Offered spring semester of even numbered years. Same as PLSC 341. (Meets Minorities and Indigenous Cultures)

# Spanish

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**SOCI 351 Cultures of the Middle East. 3 hours.**

*Prerequisite: GLST 201 Global Awareness and Cultural Diversity, SOCI 101 or permission of the instructor.* Considers the social norms and cultural institutions of the Middle East. (Meets Minorities and Indigenous Cultures)

**SOCI 355 Islam and Women. 3 hours.**

*Prerequisite: GLST 201 Global Awareness and Cultural Diversity, SOCI 101, or permission of the instructor.* This course provides an in-depth sociological understanding of the relationship between religion and gender roles in Islam. The course helps students to understand the cultural practices of Islamic society in regards to gender roles. (Meets Minorities and Indigenous Cultures)

**SOCI 360 Human Ecology. 3 hours.**

*Prerequisite: SOCI 101.* Study of how people arrange themselves socially within cities and surrounding sociocultural environments. Particular attention is given to the processes of urbanism, the urban experience, the community and the concept of place.

**SOCI 362 Sociology of Religion. 3 hours.**

*Prerequisite: SOCI 101.* This course will explore the character of religious practice and religious consciousness from a sociological perspective. Religion will be examined both as an experience which aids the individual in understanding his or her life and as a social institution.

**SOCI 370 Human Sexuality. 3 hours.**

A study of the anatomy and physiology of the female and male reproductive systems, sexually transmitted diseases, methods of contraception, the sexual response cycle, sexual dysfunctions, gender identity, development of sexual orientation, adult sexuality, the development of relationships, cross-cultural comparisons of sexuality and socialization of sex roles. Same as BIOL 370, PSYC 370 and WMST 370.

**SOCI 400 Social Stratification. 3 hours.**

*Prerequisite: SOCI 101 and three additional hours in sociology.* This course examines the competing social scientific theories of social stratification and inequality. The policy implications and ideological orientations of these theories are evaluated.

**SOCI 493 Senior Seminar. 3 hours.**

This is the capstone course for the major. Current issues in the field are researched and presented in a seminar setting using regular class discussion and debate. Students practice the writing, oral communication and critical thinking skills necessary to succeed in graduate school and their future careers.

**SOCI 290, 390, 490 Selected Topics. 1-3 hours each.**

See page 34.

**SOCI 291, 292, 391, 392, 491, 492 Research. See page 34.**

**SOCI 397, 398, 497, 498 Internship. See page 34.**

# Spanish

## Department of Languages

Eltjen J. Flikkema, chair

The curriculum of the department of languages is designed to introduce all Drury students to selected languages of the world and their cultural and literary traditions. Language majors are prepared for graduate studies and also for careers in a variety of fields including teaching, international business and foreign service. We offer majors and minors in French, German and Spanish.

### Spanish Major:

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

Requirements are 27 hours of approved SPAN courses beyond SPAN 101, which must include the following (some substitutions are possible with approval):

SPAN 301	Spanish Composition and Conversation	3 hrs.
SPAN 310	Spanish Pronunciation and Phonetics	1 hr.
Choose one of the following:		3 hrs.
SPAN 302	The Culture of Spain	
SPAN 303	The Culture of Spanish America	
Choose one of the following:		3 hrs.
SPAN 311	The Literature of Spanish America	
SPAN 312	The Literature of Spain	
SPAN 411	Advanced Studies: Hispanic Language and Civilization	
SPAN 412	Advanced Studies: Hispanic Literature	
Choose at least two of the following:		2 hrs.
SPAN 315, 316, 317, 318, 319, 320	Service to the Hispanic Community	

Choose one of the following:		3hrs.
SPAN 493	Senior Seminar: Spanish Language and Culture	
SPAN 494	Senior Seminar: Spanish Literature	
Choose four of the following:		12 hrs.
SPAN 101, 102	Elementary Spanish I and II	
SPAN 201, 202	Intermediate Spanish III and IV	
SPAN 280	International Language Study: Spanish	
SPAN 302	The Culture of Spain	
SPAN 303	The Culture of Spanish America	
SPAN 311	The Literature of Spanish America	
SPAN 312	The Literature of Spain	
SPAN 380	Advanced International Language Study: Spanish	
SPAN 411	Advanced Studies: Hispanic Language and Civilization	
SPAN 412	Advanced Studies: Hispanic Literature	
SPAN 290, 390, 490	Selected Topics	
SPAN 391, 392, 491, 492	Research	
SPAN 397, 398, 497, 498	Internship	

**Spanish Minor:**

All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

Requirements are 18 hours of approved SPAN courses beyond SPAN 101, which must include the following (some substitutions are possible with approval):

SPAN 301	Spanish Composition and Conversation	3 hrs.
SPAN 310	Spanish Pronunciation and Phonetics	1 hr.
SPAN 315, 316, 317, 318, 319, 320	(at least one) Service to the Hispanic Community	1 hr.
Choose 13 hours from the following courses:		13 hrs.
SPAN 102	Elementary Spanish II	
SPAN 201, 202	Intermediate Spanish III and IV	
SPAN 280	International Language Study: Spanish	
SPAN 302	The Culture of Spain	
SPAN 303	The Culture of Spanish America	
SPAN 311	The Literature of Spanish America	
SPAN 312	The Literature of Spain	
SPAN 380	Advanced International Language Study: Spanish	
SPAN 411	Advanced Studies: Hispanic Language and Civilization	
SPAN 412	Advanced Studies: Hispanic Literature	
SPAN 493	Senior Seminar: Spanish Language and Culture	
SPAN 494	Senior Seminar: Spanish Literature	
SPAN 290, 390, 490	Selected Topics	
SPAN 391, 392, 491, 492	Research	
SPAN 397, 398, 497, 498	Internship	

Spanish majors and minors are strongly urged to earn some of the required credits through an approved program in a Spanish-speaking country.

**Course Descriptions:**

**SPAN 101, 102 Elementary Spanish I, II. 4 hours each semester.** For beginners. Designed to develop, in two semesters, an elementary proficiency for communicating in Spanish and to intensify familiarity with the cultural values of Spanish peoples.

**SPAN 201, 202 Intermediate Spanish III, IV. 3 hours each semester.** Prerequisite: SPAN 102 or approval of the department. Designed to develop, in two semesters, a more advanced proficiency for communicating in Spanish and intensify the familiarity with the cultural values of Spanish peoples.

**SPAN 280 International Language Study. 3 hours.** Prerequisite: SPAN 101. Intensive study of Spanish at the elementary level, undertaken as part of a Drury-sponsored travel experience in a Spanish-

speaking country. Students can fulfill the foreign language requirement by passing SPAN 101 and this course.

**SPAN 301 Spanish Composition and Conversation. 3 hours.** Prerequisite: SPAN 202 or approval of the department. Advanced composition, with emphasis on correct and idiomatic expression; systematic building of vocabulary; readings from current newspapers, periodicals and other sources; and conversation on a wide variety of topics.

**SPAN 302 The Culture of Spain. 3 hours.** Prerequisite: SPAN 301 or approval of the department. A study of the culture of Spain, including such subjects as music, dance, art, folklore, religion and customs of daily life. Particularly recommended for students planning to study in Spain.

# Speech Communication

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**SPAN 303 The Culture of Spanish America. 3 hours.**

*Prerequisite:* SPAN 301 or approval of the department. A study of culture of Spanish America, including such subjects as music, dance, art, folklore, religion and customs of daily life. Particular attention paid to the ways in which elements of Spanish, Native American and African cultures have combined to create distinctive regional cultures. Particularly recommended for students planning to study in Spanish America. (Meets Minorities and Indigenous Cultures)

**SPAN 310 Spanish Pronunciation and Phonetics. 1 hour.**

*Prerequisite:* completion of the elementary sequence, or approval of the department. Introduction to basic phonetics and pronunciation rules in Spanish. Emphasis on developing pronunciation skills and on the varying pronunciations in different parts of the Spanish-speaking world.

**SPAN 311 The Literature of Spanish America. 3 hours.**

*Prerequisite:* approval of the department. Reading and discussion in Spanish of the most important authors of Spanish America, with emphasis on the twentieth century.

**SPAN 312 The Literature of Spain. 3 hours.**

*Prerequisite:* approval of the department. Reading and discussion in Spanish of the most important authors of Spain with emphasis on the Golden Age and the twentieth century.

**SPAN 315, 316, 317, 318, 319, 320 Service to the Hispanic Community. 1 hour each.**

*Prerequisite:* SPAN 202 or approval of the instructor.

Individual service projects, designed in cooperation with a faculty member, through which students gain experience while making a contribution to the Hispanic community. Required for majors and minors in Spanish. S/U grading.

**SPAN 380 Advanced International Language Study. 3 hours.**

*Prerequisite:* SPAN 101, 102. Intensive study of Spanish at the intermediate level or above, undertaken as part of a Drury-sponsored travel experience in a Spanish-speaking country.

**SPAN 411 Advanced Studies: Hispanic Language and Civilization. 3 hours.**

*Prerequisite:* approval of the department. Special topics on rotation, such as translation and interpretation, advanced grammar and composition, history of Spain, history of Latin America and commercial Spanish.

**SPAN 412 Advanced Studies: Hispanic Literature. 3 hours.**

*Prerequisite:* approval of the department. Special topics on rotation, such as Cervantes, other individual authors, literary movements and genres studies.

**SPAN 493 Senior Seminar: Spanish Language and Culture. 3 hours.**

**SPAN 494 Senior Seminar: Spanish Literature. 3 hours.**

**SPAN 290, 390, 490 Selected Topics. 1-3 hours each. See page 34.**

**SPAN 291, 292, 391, 392, 491, 492 Research. See page 34.**

**SPAN 397, 398, 497, 498 Internship. See page 34.**

# Speech Communication

## Department of Communication

Ron Schie, chair

The Speech Communication major is designed for the student who wants to study how people communicate as individuals, in society, and in various cultures. Students develop the knowledge and skills necessary to maintain a civil and democratic society by examining the practices and theories of rhetoric, psychology, sociology, and linguistics. Students selecting this major often pursue careers in education, business, politics and religion. Speech Communication is also a popular minor for students who plan to work in careers that demand high levels of communication skill.

All courses in the Speech Communication curriculum are designed to integrate with and enhance Drury's liberal arts education and core requirements. The Speech Communication major requires 36 hours of coursework, 9 of which are electives. The Speech Communication minor requires 18 hours of coursework, 3 of which are electives. Additionally, students who have not completed a college level public speaking course are strongly advised to take COMM 211.

### Speech Communication Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

COMM 201	Interpersonal Communication	3 hrs.
COMM 206	Foundations of Communication	3 hrs.
COMM 264	Persuasive Communication	3 hrs.
COMM 275	Statistics for the Behavioral Sciences	3 hrs.
COMM 322	Media Law and Ethics	3 hrs.

COMM 353	Mass Media and Society	3 hrs.
COMM 362	Rhetorical Criticism	3 hrs.
COMM 387	Organizational Communication	3 hrs.
COMM 494	Documentary	3 hrs.
Choose three from the following:		
COMM 207	Expository Writing	9 hrs.
COMM 221	Media Writing	
COMM 251	Small Group Communication	
COMM 283	Oral Interpretation	
COMM 335	Argumentation and Debate	
COMM 390, 490	Selected Topics	
COMM 391-92/491-92	Research	
COMM 397	Internship	

## Speech Communication Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

COMM 206	Foundations of Communication	3 hrs.
COMM 264	Persuasive Communication	3 hrs.
COMM 322	Media Law and Ethics	3 hrs.
COMM 353	Mass Media and Society	3 hrs.
COMM 362	Rhetorical Criticism	3 hrs.
Choose one of the following:		
COMM 201	Interpersonal Communication	3 hrs.
COMM 251	Small Group Communication	
COMM 387	Organizational Communication	

Beyond the classroom experience, Speech Communication majors have the opportunity to participate in 'Mock Trial' and/or Speech/Debate activities and competitions. Speech Communication majors are also invited to join *The Mirror* (student newspaper), KDRU (student radio station), DUTV (student TV station), the Advertising Club, and/or DC Networks. Students who excel in their studies may also join *Lambda Pi Eta* (honor society of the National Communication Association) and/or serve as a peer consultant in the Speech Communication center.

### Course Descriptions:

**COMM 150 Fundamentals of Composition. 3 hours.** Composition and reading. Designed to improve a beginning student's skill in written communication and reading. Same as ENGL 150.

**COMM 171, 172, 173, 174 Broadcasting Activities. 1 hour each.** Practical activities associated with KDRU, the student radio station, or DUTV, the student television operation. (Meets Creativity Explored)

**COMM 181, 182, 183, 184 Journalism Activities. 1 hour each.** Practical activities associated with student or university publications other than the yearbook. (Meets Creativity Explored)

**COMM 201 Interpersonal Communication. 3 hours.** An analysis of theoretical approaches to the study of interpersonal communication and the role of interpersonal communication in the development and maintenance of human relationships.

**COMM 203 Graphic Design I. 3 hours.** This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through lectures, demonstrations and discussions, a basic understanding of

layout, design and computer applications will be taught. Same as ARTS 203.

**COMM 204 Graphic Design II. 3 hours.** *Prerequisite: COMM 203.* This course is the second half of the two-semester sequence in which knowledge and skills of typography and communication of the written word in blended into the creation of personalized design projects reflecting a realistic approach to contemporary graphic design. Through lectures, demonstrations and discussions, an advanced understanding of computer applications, layout and design will be taught. Same as ARTS 204.

**COMM 206 Foundations of Communication. 3 hours.** Introduction to the study of communication, including the major theories and research methods used in communication studies. Required of all communication department majors.

**COMM 207 Expository Writing: Art of the Essay. 3 hours.** *Prerequisite: COMM 150 or permission of instructor.* Theory of expository writing; practice in writing nonfiction, including writing a research paper, with clarity and conciseness. Same as ENGL 207. (Meets Creativity Explored)

**COMM 211 The Art of Human Communication. 3 hours.** Focus of this course is the use of spoken language to communicate with others. Students will develop skills in the use of expressive language, the creation of verbal and nonverbal messages, the use of feedback to adjust to listener attention and in active listening and critical thinking. (Meets Creativity Explored)

# Speech Communication

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**COMM 219 Principles of Advertising and Public Relations. 3 hours.** Introduction to all aspects of advertising and public relations, including history, philosophies, people, the relationship between the fields, the diversity of opportunity and to the processes, quantitative, strategic and aesthetic, by which information and ideas are effectively communicated to target audiences.

**COMM 221 Media Writing. 3 hours.** Principles and practices of writing for print and broadcast journalism, public relations and advertising, with techniques for gathering material upon which to base such writing.

**COMM 232 Public Opinion. 3 hours.** Examination of public opinion and democratic theory, how opinion is shaped through political socialization and the effects of opinion on political behavior. Same as PLSC 232.

**COMM 235 The History of Film. 3 hours.** A survey of major international and American film accomplishments beginning with Griffith and Chaplin and continuing through contemporary directors such as Bergman, Fellini and Allen. Some attention will be given to film technique, theory and analysis. Same as ENGL 235 and THTR 235.

**COMM 251 Small Group Communication. 3 hours.** A study of the major variables and dynamics involved in group interactions. Emphasis on practical guidance to help students become more effective members and leaders of small groups. The course concludes with a group project based on the analysis of a decision-making group.

**COMM 264 Persuasive Communication. 3 hours.** A study of the persuasive process. Students study basic theories of persuasion and public speaking. Practical applications are made by presenting persuasive speeches and critical projects. Required of all communication department majors.

**COMM 275 Statistics for the Behavioral Sciences. 3 hours.** *Prerequisite: PSYC 101, PLSC 101, CRIM 102 or SOCI 101 or permission of instructor. PSYC/SOCI/CRIM 200 recommended.* This course introduces the student to the basic design methodologies and statistical techniques used in behavioral sciences. Some of the topics considered are mixed and correlational designs, analysis of variance and data collection procedures. *Offered both semesters.* Same as CRIM 275, PLSC 275, PSYC 275 and SOCI 275.

**COMM 281 Fundamentals of Audio Production. 3 hours.** *Prerequisite: COMM 221.* The principles of gathering and shaping sound and writing with sound as the basis for radio, television and film making.

**COMM 282 Media Applications. 3 hours.** Principles of effective communication utilizing electronic media. Students gain practical knowledge and skills in producing messages for radio and television.

**COMM 283 Oral Interpretation I. 3 hours.** Introduction to basic oral interpretation of the printed page. Same as THTR 283. (Meets Creativity Explored)

**COMM 311 Public Relations: Research and Strategy. 3 hours.** *Prerequisite: COMM 206, 219 and*

*221.* Identification and analysis of trends and issues that influence profit and nonprofit organizations. Students will study research principles as they apply to understanding public opinion. The course will culminate in a research practicum.

**COMM 312 Advertising Strategy. 3 hours.** *Prerequisite: COMM 206, 219 and 221.* Focuses on strategic thinking and critical skills in the development of advertising messages. Students will learn to develop strategies, execute creative strategies, evaluate creative work, maintain strategic and executional continuity throughout a campaign and present their ideas.

**COMM 320 Reporting. 3 hours.** *Prerequisite: COMM 206 and 221.* Puts into practice the news writing fundamentals and journalistic principles presented in COMM 221. Students gain experience in reporting by covering campus news events.

**COMM 322 Media Law and Ethics. 3 hours.** A survey of federal, state and municipal laws governing freedom of speech and commerce in journalism, public relations and advertising, with an exploration of ethical guidelines for professional behavior. Required of all communication department majors.

**COMM 323 Publication Editing, Design and Management. 3 hours.** Principles and practices of editing and design techniques applicable to newspapers, magazines, newsletters, yearbooks and corporate publications. Exploration of work-management strategies for editorial organizations.

**COMM 324 Feature Writing. 3 hours.** *Prerequisite: COMM 320.* Builds upon news writing fundamentals and journalistic principles presented in COMM 221, venturing beyond the reporting of routine events and into the realm of feature stories that illuminate, explain and entertain.

**COMM 331 Media Analysis and Planning. 3 hours.** *Prerequisite: COMM 206, 219 and 221.* This course focuses on the key issues involved in the development of media strategies and the tools and techniques used to analyze media opportunities. The emphasis is on determining how all media -- the nontraditional as well as the traditional -- can deliver messages to target audiences.

**COMM 334 Public Relations: Application and Practice. 3 hours.** *Prerequisite: COMM 206, 219 and 221.* Students will develop skills in writing various PR tools for both internal and external organizational audiences. Desktop publishing software will be used to create PR materials such as news releases, brochures, newsletters, annual reports and PSAs.

**COMM 335 Argumentation and Debate. 3 hours.** Students will explore the theory and practice of argumentation. Introduction to classic theory, the formal structure of debate and contemporary approaches to interpersonal argumentation. Students will write argumentative essays, demonstrate argumentation skills orally and critique the written and oral arguments of others.

**COMM 350 History and Theory of Graphic Communication. 3 hours.** This course will offer the student the opportunity to explore the psychological and

sociological aspects of advertising and visual communication, providing an historical and theoretical context for studio graphic design offerings. Same as ARTS 350.

**COMM 353 Mass Media and Society. 3 hours.** The history and current status of mass media in America, including newspapers, magazines, books, motion pictures, the recording industry, radio and television and media effects upon society. Required of all communication department majors.

**COMM 357 Video Field Production. 3 hours.** Principles of single camera video production as the basis for television news, commercials, documentary and film making.

**COMM 358, 359 Advanced Journalism Activities I & II. 2 hours each.** Practical activities associated with student or college publications. Reserved for students holding editorial or other advanced positions on publications.

**COMM 362 Rhetorical Criticism. 3 hours.** Critical analysis and evaluation of public symbolic persuasion. Attention is given to the logical, aesthetic and political components and consequences of rhetorical activity in influencing belief, affecting social change and crafting cultural identities. Same as PLSC 362.

**COMM 363, 364 Advanced Publication Activities I & II. 2 hours each.** Practical activities associated with production of the student yearbook. Reserved for students holding editorial or other advanced positions.

**COMM 370 Creative Writing I - Fiction. 3 hours.** *Prerequisite:* COMM 207 or permission of instructor. Techniques for and practice in writing fiction, poetry, drama. Focus is on student workshops. Same as ENGL 370. (Meets Creativity Explored)

**COMM 371 Creative Writing I - Poetry. 3 hours.** Techniques for and practice in writing poetry. Same as ENGL 371. (Meets Creativity Explored)

**COMM 373, 374 Advanced Broadcast Activities I & II. 2 hours each.** Practical activities associated with KDRU, the student radio station, or DUTV, the student television operation. Reserved for students who hold advanced management positions. (Meets Creativity Explored)

**COMM 376 Creative Writing II. 3 hours.** *Prerequisite:* COMM 370 or 371 or permission of instructor. Students will be required to submit a minimum of 10,000 words of prose fiction. Form will be a matter of individual choice. Class time will be devoted to writing, reading other students' work, and providing constructive criticism. Same

as ENGL 376. (Meets Creativity Explored)

**COMM 379 Television Studio Production. 3 hours.** The principles of multi-camera video production as the basis for in studio or remote, live programs.

**COMM 387 Organizational Communication. 3 hours.** This course focuses on communication as a process variable which affects the internal functions of an organization. It is concerned with organizational structures and practices which can either enhance or impede the free flow of information. Students will study the dynamics of organizational communication in a project based on the communication audit of a local organization.

**COMM 402 Broadcast Journalism. 3 hours.** *Prerequisite:* COMM 206 and 221. Contemporary practice in broadcast journalism. Student will learn to identify, write, videotape, edit and narrate news stories for television.

**COMM 411 Advertising/PR Campaigns. 3 hours.** Designed to give students the opportunity to integrate all prior learning and apply it to an actual problem-solving effort for a real-world client who articulates the problem and assists in evaluation of the final work. The focus is on the development of a comprehensive campaign plan to be presented both in written and oral presentations. This is the capstone course for advertising and public relations majors and should be taken in the senior year.

**COMM 412 Advertising Campaigns/Ad Team. 3 hours.** *Prerequisite:* COMM 411 and permission of instructor. This is the second half of the two semester AAF Competition effort. A team will be selected from the fall Advertising Campaigns class to compete in the American Advertising Federation's National Student Advertising Competition.

**COMM 465 Advanced Television Production. 3 hours.** *Prerequisite:* COMM 379. Producing and directing television programs, utilizing both single camera and multi-camera techniques.

**COMM 494 Documentary. 3 hours.** Students will identify the subject for a documentary, then research, write and produce a half-hour video documentary suitable for broadcast. This is the capstone course for majors in speech communication, journalism and broadcast and should be taken the senior year.

**COMM 290, 390, 490 Selected Topics. 1-3 hours. See page 34.**

**COMM 291, 292, 391, 392, 491, 492 .Research. See page 34.**

**COMM 397, 398, 497, 498 Internship. See page 34.**



# Sports Management Program

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## Sports Management Program

Department of Exercise and Sport Science

Kathy K. Carroll, director

The department of exercise and sport science works closely with the Breech School of Business Administration to offer the interdisciplinary program in sports management.

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

### EXSP Requirements

EXSP 210	First Aid	2 hrs.
EXSP 216	Weight Training	1 hr.
EXSP 226	Aerobics	1 hr.
EXSP 228*	Applied Statistics in Exercise and Sport Science	3 hrs.
EXSP 311	History and Principles of Exercise and Sport Science	2 hrs.
EXSP 317	Socio-Psychological Aspects of Exercise and Sport Science	3 hrs.
EXSP 331	Motor Learning	3 hrs.
EXSP 340	Organizational and Administration of Sport	3 hrs.
EXSP 341	Sports Information and Promotion	3 hrs.
EXSP 345	Wellness/Health Promotion	3 hrs.
EXSP 350	Exercise Physiology	3 hrs.
EXSP 497, 498	Internship	3 hrs.
EXSP 495	Senior Seminar in Sports Management	3 hrs.
NonEXSP Requirements		
ACCT 209	Principles of Accounting	3 hrs.
ACCT 210	Management Accounting	3 hrs.
BADM 103	Introduction to Business	3 hrs.
BADM 301	Principles of Management and Leadership	3 hrs.
BADM 304	Organizational Behavior	3 hrs.
BADM 337	Marketing	3 hrs.
BIOL 206	Human Physiology	3 hrs.
ECON 201	Basic Economic Theory	4 hrs.
Total Non-EXSP Hours		25 hrs.

\*or any 3 hour Statistics course

### EXSP Course Descriptions

**EXSP 210 American Red Cross First Aid. 2 hours.** The Standard First Aid and Personal Safety book is used. An American Red Cross Certificate may be obtained. This course fulfills the requirements for a teacher's certificate.

**EXSP 216 Weight Training. 1 hour.** This course introduces the basic techniques needed for developing muscular strength and endurance. Includes instruction on the use of weight machines and free weights.

**EXSP 226 Aerobic Fitness. 1 hour.** An introduction to aerobic fitness through aerobic dance. Some other forms of aerobic fitness are discussed and are included in the course content.

**EXSP 228 Applied Statistics in Exercise and Sport Science. 3 hours.** The course contains the mathematical basis for statistics including descriptive measures, probability and hypothesis testing. Some applications in exercise and sport science will include tests, ANOVA, correlation and regression. Credit will not be given for both MATH 227 and MATH/EXSP 228. Same as MATH 228.

**EXSP 311 History and Principles of Exercise and Sport Science. 2 hours.** The history of exercise science through ancient, early modern and the present century, combined with a study of the principles now accepted as basic in this field.

**EXSP 317 Socio-psychological Aspects of Exercise and Sport Science. 3 hours.** This course is designed to aid the elementary and/or secondary teacher in the classifying and analyzing of physical education activities according to socio-psychological aspects. The analysis will be made from four main points of view: (1) interpretative, (2) impulsive, (3) neuromuscular, and (4) organic.

**EXSP 331 Motor Learning. 3 hours.** A study of the motor learning process as applied to motor acquisition. Including a review of the interrelationship of physical development and motor learning. Preparation of plan for motor skill development for all populations.

**EXSP 340 Organization and Administration of Sport. 3 hours.** A study of the methods, resources, practices and procedures utilized in Sport Management. Content will

include emphasis in facility management, intra/extramurals, networking, legal aspects and resources of corporate fitness.

**EXSP 341 Sports Information and Promotion. 3 hours.** A study of methods, resources, practices and procedures utilized in sport management. Content will include emphasis in public relations, labor relations, promotion, fund raising and mass communication.

**EXSP 345 Wellness and Health Promotion. 3 hours.** A study of the principles for developing wellness and health promotion programs. Emphasis will include the six dimensions of wellness, professional programming and personal growth.

**EXSP 350 Exercise Physiology. 3 hours.** *Prerequisite: BIOL 110 or equivalent and BIOL 206, or permission of instructor.* Physiological effects on the human organism under different intensities, durations and environments. Same as BIOL 350.

**EXSP 497, 498 Internship. See page 34.**

**EXSP 495 Senior Seminar in Sports Management. 3 hours.**

### Non-EXSP Course Descriptions

**ACCT 209 Principles of Accounting. 3 hours.** *Prerequisite: MATH 203 or equivalent or permission of instructor.* Introduces the student to the role of accounting in a global society. Principles and concepts of financial accounting. Analysis of accounting statements. Accounting cycles and procedures: receivables, inventories and fixed assets.

**ACCT 210 Management Accounting. 3 hours.** *Prerequisite: ACCT 209.* Students participate in active learning that emphasizes the uses and limitations of accounting information. Study of accounting principles relating to management planning and control. Cost and budgetary procedures, revenues and acquisitions.

**BADM 103 Introduction to Business Enterprise. 3 hours.** An introduction to the fundamental concepts and principles of business enterprise and economics. Introduction to the functions of a business organization. Simulation experience and analysis of business cases. Basic research methods, written and oral reports, discussion of current business and economic developments. Global business awareness.

**BADM 301 Principles of Management and Leadership. 3 hours.** *Prerequisite: ACCT 209, 210 or 312.* Introduction to management of organizations, including strategy, leadership and organizational design. Team projects in management research and critical analysis.

**BADM 304 Organizational Behavior. 3 hours.** *Prerequisite: BADM 301.* Intermediate study of management of organizations, with emphasis upon dynamic organizational processes such as group decision making and organizational change. Relationships among strategy, structure and behavior examined through workshops, team and individual projects and simulations.

**BADM 337 Marketing. 3 hours.** *Prerequisite: ECON 201, MATH 227 or equivalent, or permission of instructor.* Introduction to effective marketing concepts, strategies and practices. An analytical approach to recognition of alternative strategic paradigms and their effect on a firm's marketing. Ethical and social responsibilities of effective domestic and global marketing. Individual and team projects with operating sponsors.

**BIOL 206 Human Physiology. 3 hours.** Through lecture-discussion and complementary laboratory experiences this course examines the organization and function of the human body as a whole and the interrelations of its various systems, organs, tissues and cells. Lecture and laboratory. *Offered spring semester.* Normally does not meet departmental requirements for a major.

**ECON 201 Basic Economic Theory. 4 hours.** *Prerequisite: MATH 109 or equivalent or permission of instructor.* Students will be introduced to the way market economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

**MATH 109 College Algebra. 3 hours.** *Prerequisite: one year of high school algebra and one year of high school geometry.* A study of functions and graphs, solutions of equations and inequalities, and the properties of polynomial, rational, exponential and logarithmic functions.

**MATH 227 Introduction to Statistics. 3 hours.** *Prerequisite: MATH 100 or equivalent.* A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

# Study Abroad Programs

Thomas E. Russo, director

As a liberal arts university, Drury is committed to a broadening of a student's mental, cultural and social horizons. The university of arts and sciences provides programs which enable students to become acquainted with other cultures and other people. One way to accomplish this objective is by bringing people from other countries to Drury. In recent years Drury has had visiting lecturers from Taiwan, the Philippines, the Republic of China, Yugoslavia and Japan and England. Drury also actively recruits students from other countries and is making every effort to increase these numbers. During the past year students from 29 other countries were enrolled at Drury. Their presence in the classroom, living centers and campus activities adds to our understanding of other cultures.

### Study Abroad

Another important way by which students can broaden their horizons is by studying abroad for a semester, a year, or through special short-term courses. Drury University encourages such participation through special financial considerations, depending upon the specific program. These opportunities are presented in the following paragraphs. More information about these programs can be obtained from Thomas E. Russo, director of Study Abroad Programs, Lydy Hall 210, (417) 873-7263.

### The Drury University Center in Volos, Greece

The Drury University Center in Volos presents students with the opportunity to spend a semester studying in Greece for the same tuition and room and board costs as a semester in Springfield. Because this is Drury's own program, all Drury scholarships and financial aid are available to the student during this semester, except for activity grants and work-study.

Volos is a beautiful port city located on the east coast of Greece just three hours northeast of Athens and bounded by Mt. Pelion and the beaches of the Aegean Sea. Celebrated as the starting point for the adventures of Jason and the Argonauts, Volos has played a role in the development of Greece since the Neolithic period. The Drury University Center is located in downtown Volos. All student housing is in furnished, rented apartments just a short distance from the Drury University Center.

Due to the unique course structure in this program and to take full advantage of the Mediterranean climate, the semester dates in the Volos program are different than those at Drury's Springfield campus. The fall semester begins in early September and ends in early December; the spring semester begins mid-February and ends in mid-May.

Students will fulfill their foreign language requirement by taking Elementary Greek I in Springfield the semester before they go to Volos and Elementary Greek II in Volos. The additional 12 credit hours in Volos consist of four courses: Culture and Place: The Greek Legacy, Travel Journal: Mediterranean Cultures, Global Futures and Global Studio, all of which count toward Global Studies credit in fulfilling Global Perspectives requirements and may also fulfill credit toward a major.

The cost for this semester program is Drury's regular tuition and room and board (standard 15 meal plan) fees plus a program fee which includes costs of the orientation in Athens as well as all transportation, housing, museum and site fees during field trips throughout the semester. Round-trip air fare and personal expenses are additional costs. A nonrefundable \$400.00 deposit, which is applied to your program costs, is required the year before participation to guarantee your place in the program.

It is strongly recommended that students sign up early for this program. Prerequisites are GLST 101, 102, 201, junior status and a 2.75 GPA.

### Drury Semester in London

Through an affiliation with Regent's College in Regent's Park, London, juniors and seniors can make normal progress toward Drury degrees while living in London, one of the world's richest educational and cultural centers. This program allows Drury students to live and study with students from other American colleges, from Britain and Europe, and from other parts of the world.

## Study Abroad Programs

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This program consists of one semester spent at Regent's College carrying a full load of courses. Regent's offers courses in most disciplines, many of which satisfy general education requirements.

Financially, the semester in London is essentially equivalent to a semester at Drury, with the student paying the current charges for tuition and room and board and an administrative fee. All Drury scholarships and financial aid are available to the student during this semester. A nonrefundable \$400.00 deposit, which is applied to your program costs, is required the year before participation to guarantee your place in the program. The other financial responsibilities involve air fare to and from London and travel and entertainment money.

Students are advised to apply for the program during their freshman year, since we are limited to 38 in any given year. GPA requirement is 3.0.

### University of Granada, Spain

The University of Granada is located in southern Spain. Established in 1526 by Emperor Charles V, the university has grown in social and cultural importance to become one of the major intellectual centers in southern Spain. Through our direct student exchange agreement with the University of Granada, Drury students experience the culture of an ancient city that reverberates with the history of its Roman, Islamic and Christian past. With around 250,000 inhabitants, Granada offers the amenities of a modern day city; yet everywhere there is the reminder of its glorious past as the capital of the Old Nasrid Kingdom under the Muslims and as the last Islamic stronghold in Spain to be conquered by Ferdinand II and Isabella I in 1492. The city provides a perfect environment for studying the humanities and the arts and enjoys an extraordinary geographic situation: a one-hour drive from either the seacoast or from the skiing region of the Sierra Nevada mountains, the southernmost European mountain range.

Classes are taught in Spanish and students must have the requisite language skills to participate in this program. A 3.0 GPA is required. Duration of this program is for one year and is limited to two students per year. Tuition and associated costs of this program are the same as Drury, plus an administrative fee. Room and board costs are paid directly to the host institution. All Drury scholarships and financial aid are available to the student. A nonrefundable \$400.00 deposit, which is applied to your program costs, is required the year before participation to guarantee your place in the program. Other financial responsibilities involve round trip air fare to Granada and personal travel and entertainment expenses. Application deadline: October 15 of the year prior to participation in program.

### Lüneburg University of Applied Sciences, Germany

Lüneburg is a beautiful medieval city of around 60,000 inhabitants located just about an hour south of Hamburg in northern Germany. Through the Semester in Lüneburg-English (SmILE) program, four Drury students a year can study at Lüneburg University of Applied Sciences. Participants earn a full year of German language credit in one semester and take additional courses, taught in English, for further credit. No previous German language experience is required.

Tuition and associated costs of this program are the same as Drury University's, plus an administrative fee; room and board costs are paid directly to the host institution. All Drury scholarships and financial aid are available to the student during this semester. A nonrefundable \$400.00 deposit, which is applied to your program costs, is required the year before participation to guarantee your place in the program. Other financial responsibilities involve round trip air fare to Lüneburg and personal travel and entertainment expenses. GPA requirement is 2.7. This is a fall or spring term program. Application deadline: October 15 of the year prior to participation in program.

### Swinburne University of Technology, Australia

Swinburne University was founded in 1908 in an eastern suburb of Melbourne and has grown to become an academic institution of strong national and international reputation providing career-oriented education with an emphasis on research. Drury students can take courses in a variety of disciplines at Swinburne's main campus in Hawthorn, just minutes from the heart of downtown Melbourne, one of the leading urban, cultural centers of Australia. Another option is for students to study at the university's modern Lilydale campus where programs focus on business and social science. Readily available train and bus transportation from both campuses make for easy access to the cultural life of Melbourne and all it has to offer.

The duration of this program is one semester, either fall or spring, and is limited to six

# Theatre

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students per year. A 3.0 GPA is required. Because of the different cycle of the seasons in Australia, semester one is from early March to the middle of July and semester two is from the end of July to the middle of November. Financially, tuition and associated costs of this program are the same as at Drury, plus an administrative fee. Room and board costs are paid directly to the host institution. All Drury scholarships and financial aid are available to students during this semester abroad. A nonrefundable \$400.00 deposit, which is applied to your program costs, is required the year before participation to guarantee your place in the program. Other financial responsibilities involve round trip airfare to Melbourne and personal travel and entertainment expenses. Application deadline: May 1 of the year prior to participation in program.

## University of Copenhagen, Denmark

Drury University is a coordinating institution for Denmark International Study programs (DIS), an affiliate of the University of Copenhagen. This program offers courses in humanities and social science, international business, marine biology and architecture. The student takes a "crash" course in Danish, but all classes are taught in English. Most students in this program take advantage of the option that allows them to live with a host family, thus truly experiencing the culture.

Financially, this program tends to be approximately the same cost as a semester at Drury, however, Drury scholarships cannot be applied to this semester. Such scholarships will be held for the student while attending this program. For application requirements, see the DIS catalog, available in Lydy Hall room 210.

## Other Programs Abroad

Drury students have enrolled in universities and special study institutes abroad for a semester or a year in Austria, Costa Rica, England, France, Germany, Mexico, Scotland and Spain and for summer language programs in Quebec. These programs involve transfer credit, which should be arranged before participation to insure the student's progress toward the Drury degree. From time to time special short term study-travel seminars are organized for Drury students who thereby earn elective credit. In recent years such trips have traveled to Spain, Portugal, Morocco and to India via several other East Asian nations.

# Theatre

## Department of Theatre

Robin Schraft, chair

The department of theatre supports the liberal arts mission of Drury University by offering:

1. Basic courses designed to develop appreciation and lead to increased understanding of theatre arts and their contribution to the cultural life,
2. Courses that lead to a major in theatre and provide opportunities for students from the general campus population to fulfill graduation requirements,
3. Programs that prepare students for professional careers, graduate study or teaching,
4. Curricular and co-curricular productions integrated with the course offerings to provide majors with creative laboratory experiences, all Drury students with participation opportunities, and the entire Drury community with opportunities to experience a wide variety of theatrical productions.

Theatre students are expected to pursue individual educational goals within the context of a broad liberal arts education. The department of theatre offers a major in theatre leading to a bachelor of arts degree. Within the general theatre major, students have some options for selecting specific emphases in the field. Students planning secondary teaching careers may pursue a major program leading to certification; this option may be combined with the pursuit of an additional teaching area.

## Theatre Major

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

THTR 140

Acting I

3 hrs.

THTR265	Stagecraft	3 hrs.
THTR 320	Play Direction	3 hrs.
THTR 382	Acting II	3 hrs.
THTR 200,201	Theatre Practicum	8 hrs.
THTR 492	Research	3 hrs.
Choose one of the following:		3 hrs.
THTR 177	Dance	
THTR 288	Jazz Dance	
Choose two of the following production and design courses:		6 hrs.
THTR 270	Stage Management	
THTR 361	Costume Design	
THTR 365	Scene Design	
THTR 366	Stage Lighting	
Choose three of the following theatre history courses:		9 hrs.
THTR 340	History of Theatre: Origins to Renaissance	
THTR 341	History of Theatre: Renaissance to Romanticism	
THTR 343	History of Theatre: Realism to Contemporary	
THTR 349	History and Development of American Musical Theatre	
Choose one of the following elective courses:		3 hrs.
THTR 270	Stage Management	
THTR 354	Writing for Stage and Screen	
THTR 361	Costume Design	
THTR 365	Scene Design	
THTR 366	Stage Lighting	
THTR 468	Advanced Projects in Production and Design	
THTR 481	Acting III	
THTR 482	Advanced Projects in Acting	

*All courses must be completed with a minimum grade of C-.*

Each student majoring in theatre is expected to:

1. Complete the prescribed course of study for the major,
2. Complete one semester hour of credit in Theatre Practicum (THTR 200-201) for each semester of residence, typically 8 hours,
3. Participate actively in the co-curricular theatre productions each semester, and
4. Complete an approved senior project in theatre.

### Theatre Minor:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

THTR 135	Theatre: The Lively Art	3 hrs.
THTR 140	Acting I	3 hrs.
THTR 265	Stagecraft	3 hrs.
THTR 320	Play Direction	3 hrs.
THTR 200, 201	Theatre Practicum	8 hrs.
Choose one from the following:		3 hrs.
THTR 365	Scene Design	
THTR 366	Stage Lighting	
Choose one from the following		3 hrs.
THTR 270	Stage Management	
THTR 282	Acting II	
THTR 361	Costume Design	
THTR 365	Scene Design	
THTR 366	Stage Lighting	

*Enrollment in Theatre Practicum (THTR 200-201) or consistent involvement in departmental productions is expected.*

### Course Descriptions:

**THTR 135 Theatre: The Lively Art. 3 hours.** A survey of all aspects of the theatre and theatrical production including a study of representative artifacts of theatre history, a variety of dramatic styles and the work of the individual theatre artists involved in the process as well as the role of the audience in theatre. (Meets Artifacts of Western Culture)

**THTR 140 Acting I. 3 hours.** An introductory course to

acting designed for majors and all students who wish to explore acting methodology. The course includes character development and expression. Practical exercises in both scripted and improvisational work will be stressed. (Meets Creativity Explored)

# Theatre

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**THTR 177 Dance. 2 hours.** Basic skills and techniques of modern exercises, with an introduction to contemporary jazz movement. Same as EXSP 177.

**THTR 180 Comic Performance. 3 hours.** The course includes application of principles of comedy to scripts and live and videotaped performances. Assignments include analysis and presentation of excerpts from comic plays, narrative material and creating comic sketches. (Meets Creativity Explored)

**THTR 235 The History of Film. 3 hours.** A survey of major international and American film accomplishments beginning with Griffith and Chaplin and continuing through contemporary directors such as Bergman, Fellini and Allen. Some attention will be given to film technique, theory and analysis. Same as COMM 235 and ENGL 235.

**THTR 238 Japanese Film and Drama. 3 hours.** Viewing of videotapes of modern film classics from 1950 to 1970: Mizoguchi, Kurasavz, Ozu and others, supplemented by filmed interviews and critical studies. Investigation of traditional drama: Noh, Kabuki, Bunraku, dance and modernizations thereof. Same as ENGL 238.

**THTR 240 Voice for the Theatre. 1 hour.** Study and practice of techniques for effective use of the speaking voice on the stage. Includes rudimentary principles for learning to speak dialects.

**THTR 255 Stage Makeup. 2 hours.** Designed to acquaint students with the theory and basic techniques of makeup for the stage. Assignments include practicing techniques and creating and carrying out makeup designs.

**THTR 265 Stagecraft. 3 hours.** *Students who register for this course must also take Theatre Practicum.* Designed to acquaint the student with the fundamentals of scenic construction and mechanics of stage lighting, the course will include studies in drafting, technical planning, basic shop tools and techniques, construction of scenery and stage electrical equipment and practices.

**THTR 270 Stage Management. 3 hours.** This course is designed to introduce the student to the art and practice of stage management. The student will study the basic functions of the stage manager in the theatrical production phase.

**THTR 271 Ballet I. 2 hours.** Basic ballet technique in the recognized classical form. Includes barre exercises, port de bras and center floor work. Same as EXSP 271.

**THTR 272 Ballet II. 2 hours.** Continued study of ballet technique in the recognized classical form. Gradually increasing the complexity of barre exercises, port de bras and center floor work.

**THTR 276 Tap I. 2 hours.** Beginning tap steps, terminology and rhythms. Same as EXSP 276.

**THTR 277 Tap II. 2 hours.** *Prerequisite: THTR 276 or permission of instructor.* Intermediate tap steps, terminology and rhythms.

**THTR 282 Acting II. 3 hours.** *Prerequisite: THTR 140 or permission of the instructor.* Designed to continue the actor training begun in Acting I, this course includes more advanced training in the skills of analysis and characterization. These skills will be developed through scene work in monologues and in scenes with other

actors. (Meets Creativity Explored)

**THTR 283 Oral Interpretation I. 3 hours.** Introduction to basic oral interpretation of the printed page. Same as COMM 283. (Meets Creativity Explored)

**THTR 288 Jazz Dance. 2 hours.** Introduces movement, rhythms and technique of dance interpreted to various forms of jazz music. Same as EXSP 288.

**THTR 320 Play Direction. 3 hours.** *Prerequisite: THTR 140, 265 or permission of instructor.* An introduction to direction theory and practice, including the function of the director, the production concept, textual analysis and techniques of directing. Students will direct a one-act play. (Meets Creativity Explored)

**THTR 337 Shakespeare. 3 hours.** Study of major themes in the plays and poetry of William Shakespeare within their Elizabethan context. Same as ENGL 337.

**THTR 338 Modern Drama. 3 hours.** Major dramatists from Ibsen to the present. Liberal use of recordings, live productions. Same as ENGL 338.

**THTR 340 History of Theatre: Origins to Renaissance. 3 hours.** *Prerequisite: GLST 101 or 102 or permission of instructor.* A study of the origins and development of western theatre from ancient civilizations through the Renaissance. Emphasis is placed on the development of dramatic forms through the reading of plays, the evolution of theatre architecture and production in the western theatre. Same as ENGL 340. (Meets Artifacts of Western Culture)

**THTR 341 History of Theatre: Renaissance to Romanticism. 3 hours.** *Prerequisite: GLST 101 or 102 or permission of instructor.* A study of western theatre development from the 17th century to mid-nineteenth century. Emphasis is placed on literature, architecture and production styles of these historical periods. Same as ENGL 341. (Meets Artifacts of Western Culture)

**THTR 343 History of Theatre: Realism to Contemporary. 3 hours.** *Prerequisite: GLST 101 or 102 or permission of instructor.* A study of the development of western theatre from 1870 to the present. Emphasis is placed on the literature, architecture and development of production styles in modern theatre. Same as ENGL 343. (Meets Artifacts of Western Culture)

**THTR 349 History and Development of American Musical Theatre. 3 hours.** A study of the development of musical theatre in America from its roots in minstrels, burlesques and 18th and 19th century European forms through its variations of the 20th century. Same as MUSC 349.

**THTR 354 Writing for Stage and Screen. 3 hours.** Students study play and film structure, character creation and the art of writing dialogue. Course responsibilities include the writing of two short plays and/or films. (Meets Creativity Explored)

**THTR 361 Costume Design. 3 hours.** Designed to acquaint the student with the art and practice of designing costumes for the theatre, the study will include design concepts, fabric selection, script analysis, color theory and design conceptualization and costume rendering. Assignments include theoretical costume

designs from selected plays. (Meets Creativity Explored)

**THTR 365 Scene Design. 3 hours.** *Prerequisite:* THTR 265 or permission of the instructor. Designed to acquaint the student with the art and practice of designing scenery for the theatre, the study includes design concepts, script analysis, color theory, design conceptualization, solving mechanical challenges of the script and theatre architecture, scenic painting, perspective drawing, rendering and modeling. Assignments include theoretical scenic designs from selected plays. (Meets Creativity Explored)

**THTR 366 Stage Lighting. 3 hours.** *Prerequisite:* THTR 265 or permission of the instructor. Designed to acquaint the student with the art and practice of lighting design for the theatre, the course will include lighting equipment and control, script analysis, design methodologies, additive and subtractive color theory, lighting for dance, musicals and alternate theatre architectures. Assignments include theoretical lighting designs. (Meets Creativity Explored)

**THTR 379, 380 Dance Workshop. 2 hours each.** *Prerequisite:* permission of the instructor. An advanced course with emphasis on dance performance and experience.

**THTR 421 Advanced Projects in Play Direction. 3 hours.** Designed to enable students who have achieved basic directing skills to pursue directing projects such as arena staging, musical theatre, nonrealistic styles and television directing.

**THTR 450 Arts Criticism. 3 hours.** Designed to help students develop criteria for judging the quality of works of art, music and theatre and to match them with potential audiences. Coursework includes readings in arts criticism as well as critiquing current art events. Examples of projects include box office management and public relations and shadowing program planners, stage managers and gallery curators. Same as ARTS 450 and MUSC 450.

**THTR 453 Dramatic Theory and Criticism. 3 hours.** An investigation of theoretical principles evidenced in the practice of the creators of dramatic art and the application of those principles in critical evaluation of both dramatic literature read and productions seen.

**THTR 468 Advanced Projects in Production and Design. 3 hours.** *Prerequisite:* permission of the instructor. An advanced course for students in design and production. The course explores design and production challenges on a more intricate level. Extensive practical experience will be included in the course.

**THTR 481 Acting III. 3 hours.** *Prerequisite:* THTR 382 or permission of the instructor. An advanced course in acting designed to increase the student's skills in character development and work within dramatic scenes. Course work will include scene and monologue work in a variety of theatre genres and performance styles.

**THTR 482 Advanced Projects in Acting. 3 hours.** *Prerequisite:* THTR 382 or permission of the instructor. A course designed to acquaint students with theoretical and practical concepts of acting at an advanced level and to provide opportunity to address specific needs and interests such as an achievement of a variety of acting styles and genres.

**THTR 492 Senior Project in Theatre. 1-3 hours.**

**THTR 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**THTR 291, 292, 391, 392, 491, 492 Research.** See page 34.

**THTR 397, 398, 497, 498 Internship.** See page 34.

#### Activity Courses

**THTR 200, 201 A-D Theatre Practicum. 1 hour each semester.** A practical course in theatrical production offering training in each of the production areas including scenic construction and painting, lighting, properties and costuming.



# Visual Communication Program

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## Visual Communication Program

Dudley Murphy, director

Visual communication is an interdisciplinary program uniquely designed to meet the needs of students with an interest in graphic design by providing the broad background so important in obtaining an entry level position in the graphic design and advertising fields. A variety of specially designed courses in the art, business and communication departments will result in the completion of the program in visual communication.

All students in this program will take a specially prescribed course of study leading to a major in the academic area of design art with the visual communication program indicated on the student's transcript.

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

### Graphic Design Courses

ARTS 111	Foundations of Design	3 hrs.
ARTS 123	Drawing	3 hrs.
ARTS 203	Graphic Design I	3 hrs.
ARTS 204	Graphic Design II	3 hrs.
ARTS 303	Publication Design	3 hrs.
ARTS 326	Concept and Design	3 hrs.
ARTS 350	History and Theory of Graphic Communication	3 hrs.
ARTS 362	Digital Imagery	3 hrs.
ARTS 375	Field Studies in Studio Art (Graphic Design Internship)	3 hrs.
ARTS 293/393/493	Art Core	3 hrs.
Choose one of the following:		3 hrs.
ARTS 151	History of Art and Architecture I	
ARTS 152	History of Art and Architecture II	

### Communication Courses

COMM 219	Principles of Advertising and Public Relations	3 hrs.
COMM 264	Persuasive Communication	3 hrs.
COMM 357	Video Field Production	3 hrs.
COMM 411	Advertising/PR Campaigns	3 hrs.

### Business Courses

BADM 103	Introduction to Business Enterprise	3 hrs.
BADM 337	Marketing	3 hrs.

### Behavioral Science Courses

PSYC 101	Introduction to Psychology	3 hrs.
SOCI 101	Introduction to Sociology	3 hrs.

### Course Descriptions:

#### Graphic Design Courses:

**ARTS 111 Foundations of Design. 3 hours.** An introduction to the principles of design. Basic creative problem-solving and design principles are explored through studio projects and symposium presentations. This course is the first in a sequence of studio courses for both art and architecture majors, but also serves non-majors. Same as ARCH 111. *Offered fall semester only.* (Meets Creativity Explored)

**ARTS 123 Drawing. 3 hours.** Students will work in a variety of drawing media and techniques solving representational problems. This course includes an

introduction to figure drawing. (Meets Creativity Explored)

**ARTS 151 History of Art and Architecture I. 3 hours.** An analytical survey of western traditions in art and architecture from the Paleolithic through the Middle Ages, including such periods and styles as Egyptian, Greek, Roman, Early Christian, Romanesque and Gothic. Analysis of these traditions develops an awareness of non-western traditions. Same as ARCH 151. (Meets Artifacts of Western Culture)

# Visual Communication Program

## **ARTS 152 History of Art and Architecture II. 3 hours.**

An analytical survey of western traditions in art and architecture from the Renaissance to the present, including such periods and styles as Baroque, Neoclassical, Romanticism, Modern and Post-Modern. Analysis of these traditions develops an awareness of non-western traditions. Same as ARTS 152. (Meets Artifacts of Western Culture)

**ARTS 203 Graphic Design I. 3 hours.** This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through lectures, demonstrations and discussions, a basic understanding of layout, design and computer applications will be taught. Same as COMM 203. (Meets Creativity Explored)

**ARTS 204 Graphic Design II. 3 hours.** *Prerequisite:* ARTS 203. This course is the second half of the two-semester sequence in which knowledge and skills of typography and communication of the written word in blended into the creation of personalized design projects reflecting a realistic approach to contemporary graphic design. Through lectures, demonstrations and discussions, an advanced understanding of computer applications, layout and design will be taught. Same as COMM 204.

**ARTS 260 Photography I. 3 hours.** *Prerequisite:* ARTS 111 or permission of instructor. The course covers basic principles of black and white photography and darkroom techniques. (Meets Creativity Explored)

**ARTS 293 Art Core. 1 hour.** *Prerequisite:* ARTS 111. For ARTS majors only. A sophomore level seminar course aimed at acquainting students with current readings in the field of basic art theory and contemporary issues in arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty. This course, along with 393, is a prerequisite for senior Art Core (493) which is the capstone course in the art history major. Offered spring semester only.

**ARTS 303 Publication Design. 3 hours.** *Prerequisite:* ARTS 203, 204. A one semester course in which the information learned in Graphic Design I and Graphic Design II is related to the intricacies of publication design. Each student in this course will create a 24-page magazine. Magazine design, photography and writing will be originated by each student. The understanding of advanced techniques and the use of state-of-the-art software will allow each student the opportunity to totally create and personalize their own unique project.

**ARTS 326 Concept and Design. 3 hours.** *Prerequisite:* ARTS 203, 204. A course is designed to expand the serious graphic design student's understanding of important concepts underlying outstanding works in the discipline. Concepting is essential to the artist's success in the graphic design field. By studying historical and contemporary design examples and working together on large group projects, students will begin to understand and develop their overall personal design concept. Projects will be developed as a

class beginning with the brainstorming stage and will continue through thumbnail sketches, roughs and color marker comps to finished art. In an effort to experience the workplace practice, each student will act as art director for their assigned project and will be held accountable for the success of the final project. Additionally, each project director will be required to complete an assessment form illustrating the participation level of each member of the class.

**ARTS 350 History and Theory of Graphic Communication. 3 hours.** This course will offer the student the opportunity to explore the psychological and sociological aspects of advertising and visual communication, providing an historical and theoretical context for studio graphic design offerings. Same as COMM 350.

**ARTS 362 Digital Imagery. 3 hours.** *Prerequisite:* ARTS 260 or ARCH 150 or permission of instructor. A course devoted to the exploration of digital imagery as a fine art and medium of self expression. Same as ARCH 362. (Meets Creativity Explored)

**ARTS 375 Field Studies in Studio Art. 3 hours.** A course designed to promote first hand, in-depth experience with works of art and/or architecture in order to foster the integration of theoretical and applied learning skills in the design and fine arts major. Students will participate in an off-campus field study, the exact nature of which will be determined by the interests of the student and must be approved in consultation with a faculty member. (Meets Creativity Explored)

**ARTS 393 Art Core. 1 hour.** *Prerequisite:* ARTS 293 or permission of instructor. For ARTS majors only. A junior level seminar course aimed at furthering students' awareness of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty as they pursue upper-division course work in art history. This course is a prerequisite for senior Art Core (493) which is the capstone course in the art history major.

**ARTS 493 Art Core. 1 hour.** *Prerequisite:* ARTS 393 or permission of instructor. For ARTS majors only. A senior level course aimed at furthering students' knowledge of current readings in the field, art theory and contemporary issues in the arts. It is meant to provide students an opportunity to discuss their own work and the work of their colleagues with both colleagues and faculty during their preparation of a senior project. This course is the capstone in the art history major. Offered spring semester only.

## **Business Courses**

**BADM 103 Introduction to Business Enterprise. 3 hours.** An introduction to the fundamental concepts and principles of business enterprise and economics. Introduction to the functions of a business organization. Simulation experience and analysis of business cases. Basic research methods, written and oral reports, discussion of current business and economic developments. Global business awareness.

**BADM 337 Marketing. 3 hours.** *Prerequisite:* ECON

*201, MATH 227 or equivalent, or permission of instructor.* Introduction to effective marketing concepts, strategies and practices. An analytical approach to recognition of alternative strategic paradigms and their effect on a firm's marketing. Ethical and social responsibilities of effective domestic and global marketing. Individual and team projects with operating sponsors.

**ECON 201 Basic Economic Theory. 4 hours.**  
*Prerequisite: MATH 109 or equivalent or permission of instructor.* Students will be introduced to the way market economies deal with the universal problems of resource scarcity. They will use economic models to evaluate market processes and government policies. The course provides an introduction to microeconomics (ECON 311) and macroeconomics (ECON 312).

**MATH 227 Introduction to Statistics. 3 hours.**  
*Prerequisite: MATH 100 or equivalent.* A course to acquaint the student with the basic ideas and language of statistics including such topics as: descriptive statistics, correlation and regression, basic experimental design, elementary probability, binomial and normal distributions, estimation and test of hypotheses, and analysis of variance.

## Communication Courses

**COMM 219 Principles of Advertising and Public Relations. 3 hours.** Introduction to all aspects of advertising and public relations, including history, philosophies, people, the relationship between the fields, the diversity of opportunity and to the processes, quantitative, strategic and aesthetic, by which information and ideas are effectively communicated to target audiences.

**COMM 264 Persuasive Communication. 3 hours.** A study of the persuasive process. Students study basic theories

of persuasion and public speaking. Practical applications are made by presenting persuasive speeches and critical projects. Required of all communication department majors.

**COMM 357 Video Field Production. 3 hours.** Principles of single camera video production as the basis for television news, commercials, documentary and film making.

**COMM 411 Advertising/PR Campaigns. 3 hours.** Designed to give students the opportunity to integrate all prior learning and apply it to an actual problem-solving effort for a real-world client who articulates the problem and assists in evaluation of the final work. The focus is on the development of a comprehensive campaign plan to be presented both in written and oral presentations. This is the capstone course for advertising and public relations majors and should be taken in the senior year.

## Behavioral Science Courses

**PSYC 101 Introduction to Psychology. 3 hours.** This is a survey course providing a study of the behavior of living organisms, particularly human behavior. Typical problems are methods and measurement in psychology, theoretical systems, learning, motivation, perception, personality and psychopathology. *Offered both semesters.* (Meets Human Behavior)

**SOCI 101 Introduction to Sociology. 3 hours.** An analysis of factors that are significant in the development of people as social beings. Consideration is given to the social group and culture as factors in this process. (Meets Human Behavior)

# Washington Center Institute for Experiential Learning

## Troy Smith, Drury coordinator

Drury University is affiliated with the Washington Center and the Institute for Experiential Learning, private, nonprofit organizations providing semester and summer internships for students. Both programs offer many work opportunities in the metropolitan Washington, D.C. area and offer academic seminars in conjunction with the internship experience. Drury University credit is received for participation in the programs which ordinarily involve 12-15 hours during the fall or spring semester and 9 hours in the summer. Students' regular tuition and Drury scholarships meet expenses for semester internships and most of the cost for the summer internships. Housing and travel costs are the responsibility of the student.

Programs are open to juniors and seniors with a minimum grade point average of 3.0. Students from any academic discipline who desire a living-learning experience in the nation's capital are encouraged to apply.

# Women's Studies

Teresa Hornsby, coordinator

The women's studies minor is multi-disciplinary and is offered through the Center for Interdisciplinary Studies. Participating academic departments offer courses which examine women's roles, gender identity and gendered perspectives. The goal of the women's studies minor is to encourage students to explore varied ideas, perspectives and values that will enrich their experiences and contributions to society.

A student who seeks a minor in women's studies must complete a minimum of 15 hours in women's studies course work plus a three-hour internship approved by the director of Women's Studies and by the Career Center.

## Women's Studies Minor

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

WMST 101	Introduction to Women's Studies	3 hrs.
WMST 371	Women's Studies Thesis Seminar	3 hrs.
WMST 397, 398, 497, 948	Internship	3 hrs.
WMST elective	Humanities (ARTS, COMM, ENGL, MUSC, RELG, PHIL, THTR)	3 hrs.
WMST elective	Social, Behavioral, or Natural Sciences (BIOL, ECON, EDUC, HIST, PLSC, PSYC, SOCI)	3 hrs.

Choose one elective from the following: 3 hrs.

BIOL 370	Human Sexuality
ENGL 300	Single Authors/Women
ENGL 302	Women Writers
ENGL 317	African-American Literature (Women's)
HIST 322	Film and History: Joan of Arc, Myth and Reality
HIST 325	Gender and Culture: East Asia
HIST 382	History of Witch-hunts and Persecution
PHIL 308	History of Women Philosophers
PLSC 341	Homosexuality and Civil Liberties
PLSC 370	Women and Politics
PSYC 352	Psychology of Gender
PSYC 370	Human Sexuality
RELG 308	History of Women Philosophers
SOCI 370	Human Sexuality
WMST 370	Women and Politics
FREN 390	ST: Female Forces in French Fiction and Film
GLST 390	ST: Images of Women
HIST 390	ST: Women and Western Culture
HIST 390	ST: Women and Eastern Culture
HIST 390	ST: Torture & Treachery: The Hunt for Witches in Early Modern Europe
HIST 390	ST: The History of Women in the United States
HIST 390	ST: Women and Revolutions
PHIL 390	ST: History of Women Philosophers
PHIL 390	ST: Feminist Theologies
RELG 390	ST: From Babylon to Berlin: Jewish Identity, Otherness, & the Holocaust
RELG 390	ST: Marriage, Sex and Violence in the Bible
RELG 390	ST: Women in Early Christianity
RELG 390	ST: Feminist Theologies
SOCI 390	ST: Women and Islam
SPAN 390	ST: These are Not Sweet Girls: Hispanic Women's Literature
WMST 390	Global Futures: Ecology, Feminism and Religion

# Women's Studies

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## Course Descriptions

**ENGL 300 Single Authors (Women). 3 hours.** An in-depth study of a single author's literary work. Different authors will be studied. May be repeated when authors vary.

**ENGL 302 Women Writers. 3 hours.** A study of British and American literary works written by women. Particular consideration will be given to feminist modes of inquiry and critical thought as well as to the contributions of women in literary scholarship.

**ENGL 317 African-American Literature (Women's). 3 hours.** The backgrounds of African-American culture in African and Caribbean literatures as well as the history of black American literature in the 19th and 20th centuries, with focus on gender and the contemporary scene. (Meets Minorities and Indigenous Cultures)

**HIST 322 Film and History: Joan of Arc, Myth and Reality. 3 hours.** This course examines medieval religion, warfare, and women within the context of the late Middle Ages, as well as providing a detailed encounter with the life of Joan of Arc as revealed in the inquisitorial and rehabilitation records. Five films will supplement the critical analysis of the myths and legends that surround the life of Joan of Arc. In what ways are interpretations of historical periods shaped by the camera lens? (Meets Artifacts of Western Culture)

**HIST 325 Gender & Culture: East Asia. 3 hours.** This course explores the complex relationships between women and culture in two major civilizations in East Asia: China and Japan. (Meets Minorities and Indigenous Cultures)

**HIST 382 History of Witch-hunts and Persecution. 3 hours.** This course examines the history of persecution throughout history with a focus on the medieval and early modern time period. Studying medieval heresy, Jewish persecution, and the medieval inquisition gives insight into the ongoing struggle to define a unified Christendom. The class also examines the origins and development of the European witch-hunts. Students draw comparisons to contemporary persecution in class research projects. (Meets Ideas and Events of Western History)

**PHIL 308 History of Women Philosophers. 3 hours.** An introduction to women's contributions to the history of philosophical thought. The course moves from ancient Greece up through twentieth-century Western Europe and North America. The course considers the methodology and style of women philosophers and examines their reflections on the nature of reality, God, the human person and the human condition, knowledge, freedom and moral responsibility, sexual identity and difference, society, ethics and politics, language and science. Same as RELG 308. (Meets Ideas and Events of Western History)

**PLSC 341 Homosexuality and Civil Liberties. 3 hours.** Examination of the rise of the gay and lesbian movement and the challenges of achieving civil liberties and civil rights in dominantly heterosexual western and non-western societies. *Offered spring semester of even numbered years.*

Same as SOCI 341. (Meets Minorities and Indigenous Cultures)

**PLSC 370 Women and Politics. 3 hours.** A study of the role of women as political actors, policy issues affecting women and the role of gender in shaping political attitudes and perceptions; a comparative perspective of women's status in western and non-western societies. *Offered spring semester of even numbered years.* Same as WMST 370. (Meets Minorities and Indigenous Cultures)

**PSYC 352 Psychology of Gender. 3 hours. Prerequisite: PSYC 101.** Considers cognitive, personality and social variables as they relate to gender and examines the impact of gender stereotypes and roles in many areas of people's lives. Same as WMST 352.

**PSYC 370 Human Sexuality. 3 hours.** A study of the anatomy and physiology of the female and male reproductive systems, sexually transmitted diseases, methods of contraception, the sexual response cycle, sexual dysfunctions, gender identity, development of sexual orientation, adult sexuality, the development of relationships, cross-cultural comparisons of sexuality and socialization of sex roles. Same as BIOL 370, SOCI 370.

**WMST 101 Introduction to Women's Studies. 3 hours.** The goal of this course is to introduce students to different roles, voices and experiences of women and men as related to gender. The course examines the relevance and impact of gender related issues in terms of history, contemporary culture and future cultures. Some of the topics covered include marriage/property/divorce, education, birth control and other matters as related to gender. *Offered each spring semester.*

**WMST 371 Women's Studies Thesis Seminar. 3 hours. Prerequisite: 12 hours completed in Women's Studies.** Students who have completed all other course work in the Women's Studies program will be eligible to complete their Women's Studies thesis project. Students may complete their thesis either in the junior or the senior year. Each student, in working closely with a faculty mentor and with the director of the women's studies program, will select one paper or project the student has completed in one of her or his other women's studies classes. The student will then develop this project as a thesis in Women's Studies. The thesis must exhibit high standards of scholarship and must address a question related to the study of women and/or gender issues. Students participating in the seminar will meet occasionally to share their research with other participants. At the end of the semester, students will present their research in a public forum. Students participating in the Senior Honors Colloquium cannot use their Honors theses as their Women's Studies theses, though students may choose projects that relate to each other. *Offered each spring semester.*

**WMST 397, 398, 497, 498 Internship. See page 34.**

# Writing

## Department of English

Ken Egan, Jr., chair

The department of English offers two majors leading to a bachelor of arts degree. A student can major in either English or writing. The general requirements for the Writing major are listed below.

The writing major is offered by the department of English and designed to prepare students for personal creative development as well as for a wide range of professional careers. Students completing this innovative major, which places equal stress on creative and professional writing, not only will have acquired the technique necessary to write clearly and expressively, but will be poised to enter some of the most interesting careers open to writers: from book and magazine editors and writers to "information architects" on the web.

### Writing Major:

*All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.*

#### A. Writing (12 hours must be upper-division courses) 18 hrs.

*Foundations* (both courses below are required)

ENGL207 Expository Writing: Art of the Essay  
 ENGL351 Grammar and Style

*Imaginative Writing* (choose 2 courses from the following)

ENGL370 Creative Writing I - Fiction  
 ENGL371 Creative Writing I - Poetry  
 ENGL373 Creative Writing I - Nonfiction  
 ENGL376 Creative Writing II

*Professional Writing and Editing* (choose two from the following)

ENGL251 Publishing and Editing  
 ENGL336 Image and Text  
 COMM 203, 204 Graphic Design  
 COMM 221 Media Writing  
 COMM 320 Reporting  
 COMM 324 Feature Writing  
 ENGL397 Practicum: Internship

#### B. Literature (3 hours must be upper-division) 9 hrs.

ENGL221 Literature of the Middle Ages and Renaissance  
 ENGL222 Literature of the Neoclassical and Romantic Ages  
 ENGL223 Literature of the Victorian and Modern Ages  
 ENGL224 American Literature and Culture I: Colonial to 1865  
 ENGL225 American Literature and Culture II: 1865-1890  
 ENGL282 Classical and Biblical Literature  
 ENGL300 Single Authors  
 ENGL302 Women Writers  
 ENGL317 African-American Literature  
 ENGL327 Living Writers  
 ENGL330 Dangerous Liaisons: French Literature in Translation  
 ENGL337 Shakespeare  
 ENGL339 Asian-American Literature  
 ENGL349 Prose Fiction  
 ENGL375 Land and Literature  
 ENGL381 Southern Literature  
 ENGL 290, 390, 490 Selected Topics (Literature)

#### C. Capstone Course: Senior Seminar or English Seminar 3-6 hrs.

*Students are encouraged to take ENGL 393 English Seminar (6 hrs.), which may be repeated when topics vary.*

### Writing Minor:

# Writing

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All prerequisites must be completed prior to enrollment in the following courses. Refer to the course descriptions of each course below for prerequisites.

*Foundations* (both courses below are required)

ENGL 207 Expository Writing: Art of the Essay 3 hrs.

ENGL 351 Grammar and Style 3 hrs.

*Imaginative Writing* (choose two from the following:) 6 hrs.

ENGL 370 Creative Writing I - Fiction

ENGL 371 Creative Writing I - Poetry

ENGL 373 Creative Writing I - Nonfiction

ENGL 376 Creative Writing II

*Professional Writing and Editing* (choose two from the following:) 6 hrs.

ENGL 251 Publishing and Editing

ENGL 336 Image and Text

COMM 203, 204 Graphic Design

COMM 221 Media Writing

COMM 320 Reporting

COMM 324 Feature Writing

ENGL 397 Practicum: Internship

**Course Descriptions:** (For a complete list of course descriptions in the department of English, see page 139.)

**ARTS 260 Photography I. 3 hours.** *Prerequisite:* ARTS 111 or permission of instructor. The course covers basic principles of black and white photography and darkroom techniques. (Meets Creativity Explored)

**COMM 203 Graphic Design I. 3 hours.** This course is the first part of a two-semester course in which an understanding of the creative and communication possibilities of typography, both headline and text, and its integration with images will be explored. This 3-credit hour course is designed to give a practical graphic design experience to the student wishing to pursue a career in graphic design or advertising. Through lectures, demonstrations and discussions, a basic understanding of layout, design and computer applications will be taught. Same as ARTS 203. (Meets Creativity Explored)

**COMM 204 Graphic Design II. 3 hours.** *Prerequisite:* COMM 203. This course is the second half of the two-semester sequence in which knowledge and skills of typography and communication of the written word is blended into the creation of personalized design projects reflecting a realistic approach to contemporary graphic design. Through lectures, demonstrations and discussions, an advanced understanding of computer applications, layout and design will be taught. Same as ARTS 204.

**COMM 206 Foundations of Communication. 3 hours.** Introduction to the study of communication, including the major theories and research methods used in communication studies. Required of all communication department majors.

**COMM 221 Media Writing. 3 hours.** Principles and practices of writing for print and broadcast journalism, public relations and advertising, with techniques for gathering material upon which to base such writing.

**COMM 320 Reporting. 3 hours.** *Prerequisite:* COMM 206 and 221. Puts into practice the news writing fundamentals and journalistic principles presented in COMM 221. Students gain experience in reporting by

covering campus news events.

**COMM 324 Feature Writing. 3 hours.** *Prerequisite:* COMM 320. Builds upon news writing fundamentals and journalistic principles presented in COMM 221, venturing beyond the reporting of routine events and into the realm of feature stories that illuminate, explain and entertain.

**ENGL 150 Composition. 3 hours.** Writing course designed to develop students' abilities to write in a variety of modes for a wide range of purposes. Same as COMM 150.

**ENGL 207 Expository Writing: Art of the Essay. 3 hours.** *Prerequisite:* ENGL 150 or permission of instructor. Theory of expository writing; practice in writing nonfiction, including writing a research paper, with clarity and conciseness. Same as COMM 207. (Meets Creativity Explored)

**ENGL 221 Literature of the Middle Ages and Renaissance. 3 hours.** A study of the development of British literature from its Anglo-Saxon origins through the Tudor and Stuart periods. Writers to be studied will likely include Chaucer, the Gawain poet, Malory, More, Shakespeare, Donne, Jonson and Milton. (Meets Artifacts of Western Culture)

**ENGL 222 Literature of the Neoclassical and Romantic Ages. 3 hours.** A study of British literature from the Restoration to the beginning of the Romantic period (1660-1832). Writers to be studied will likely include Dryden, Behn, Defoe, Pope, Swift, Johnson, Austen, Blake, Coleridge, Keats and the Shelleys. (Meets Artifacts of Western Culture)

**ENGL 223 Literature of the Victorian and Modern Ages. 3 hours.** A study of British Literature of the Victorian and Modern periods (1832-1945). The Brontës, Browning, Arnold, Hardy, Yeats, Woolf and Joyce will likely be among the writers studied. (Meets Artifacts of Western Culture)

**ENGL 224 American Literature and Culture I: Colonial**

**to 1865. 3 hours.** This class studies the emergence of Colonial American literature and its development into a national literature immediately preceding the Civil War. (Meets Artifacts of Western Culture)

**ENGL 225 American Literature and Culture II: 1865-1980. 3 hours.** This class studies the development of American literature through Realism, Naturalism, Modernism and the period following World War II to the postmodernist crisis. (Meets Artifacts of Western Culture)

**ENGL 251 Editing and Publishing. 3 hours.** A practical course devoted to publishing and editing in both print and electronic media.

**ENGL 282 Classical and Biblical Literature. 3 hours.** A study of representative works of literature from ancient cultures. (Meets Artifacts of Western Culture)

**ENGL 300 Single Authors. 3 hours.** An in-depth study of a single author's literary work. Different authors will be studied. May be repeated when authors vary.

**ENGL 302 Women Writers. 3 hours.** A study of British and American literary works written by women. Particular consideration will be given to feminist modes of inquiry and critical thought as well as to the contributions of women in literary scholarship.

**ENGL 317 African-American Literature. 3 hours.** The backgrounds of African-American culture in African and Caribbean literatures as well as the history of black American literature in the 19th and 20th centuries, with focus on the contemporary scene. (Meets Minorities and Indigenous Cultures)

**ENGL 327 Living Writers. 3 hours.** An investigation into trends in recent literature, written in or translated into English. Texts will date from about 1980 and later.

**ENGL 330 Dangerous Liaisons: French Literature in Translation. 3 hours.** A survey of French writers such as Corneille, Beaumarchais, Balzac, Breton and Sartre, and an investigation of literary movements: the enlightenment, realism, romanticism, symbolism, surrealism and the nouveau Roman. The course is conducted in English; no previous knowledge of a foreign language is necessary. Same as FREN 330. (Meets Artifacts of Western Culture)

**ENGL 336 Image and Text. 3 hours.** *Prerequisite:* ARTS 260. A course which provides an opportunity for the exploration of parallels as subject matter is dealt with both textually and visually. The course will include possible combinations of photography, alternative media, poetry, prose and bookbinding. (Meets Creativity Explored)

**ENGL 337 Shakespeare. 3 hours.** A study of the major themes in the plays and poetry of William Shakespeare within their Elizabethan context. Same as THTR 337.

**ENGL 339 Asian-American Literature. 3 hours.** Designed to explore cultural perspectives mainly through Asian-American literature in the context of American experience. Representative works and writers are from both sides of the Pacific, including *Tao*

*Te Ching*, Benjamin Hoff, Frank Chin, Shawn Wong, Zhuang Tze, Amy Tan, Kingston, Lu Hsun, Lydia Minatoya, Julie Shigekuni and Bill Holm. (Meets Minorities and Indigenous Cultures)

**ENGL 351 Grammar and Style. 3 hours.** This course introduces students to modern English grammar and usage. It acquaints students with models of understanding and teaching grammar and with opportunities for experimenting with a variety of styles.

**ENGL 370 Creative Writing I—Fiction. 3 hours.** *Prerequisite:* ENGL 207 or permission of instructor. Techniques for and practice in writing fiction, poetry, drama. Focus is on student workshops. Same as COMM 370. (Meets Creativity Explored)

**ENGL 371 Creative Writing I—Poetry. 3 hours.** Techniques for and practice in writing poetry. Same as COMM 371. (Meets Creativity Explored)

**ENGL 373 Creative Writing I - Nonfiction. 3 hours.** *Prerequisite:* ENGL 207. A course in different kinds of nonfiction writing, with a practical emphasis aimed at preparing apprentice writers to publish their work as they become familiar with a wide range of publications. (Meets Creativity Explored)

**ENGL 375 Land and Literature. 3 hours.** Literature of the American West studied from both literary and environmental perspectives.

**ENGL 376 Creative Writing II. 3 hours.** *Prerequisite:* ENGL 370 or 371 or permission of instructor. Students will be required to submit a minimum of 10,000 words of prose fiction. Form will be a matter of individual choice. Class time will be devoted to writing, reading other students' work, and providing constructive criticism. Same as COMM 376. (Meets Creativity Explored)

**ENGL 381 Southern Literature. 3 hours.** Literature of the southern American states in the context of the South's characteristic cultural identity.

**ENGL 393 English Seminar. 6 hours.** An intensive seminar course for advanced English students to work on a variety of projects organized around a literary theme, genre, period or author. May be repeated when topics vary.

**ENGL 493 Senior Seminar. 3 hours.** Investigation of selected topics in English literary history.

**ENGL 290, 390, 490 Selected Topics. 1-3 hours each.** See page 34.

**ENGL 291, 292, 391, 392, 491, 492 Research.** See page 34.

**ENGL 397, 398, 497, 498 Internship.** See page 34.



### Pre-College Programs

#### Post-Junior Summer Program

Sue Rollins, coordinator

College credit courses are available to selected high school students during the two summer sessions at Drury before their senior year. High school students who have maintained a B- (2.7) grade point average in their high school work and have completed junior year requirements are eligible for selection to the program.

High school students may be concurrently enrolled in college during the academic year through a cooperative arrangement with the high school.

#### Center For Gifted Education

Robert Roach, director

According to a recent national survey, the center is believed to be one of only 17 complete gifted education centers in the United States. Since 1981, the center has provided programs for gifted children, their families and educators.

Each summer over 700 children from pre-kindergarten through high school attend Drury's residential and nonresidential pre-college programs.

The teacher education program provides graduate credit for Missouri gifted education certification and a master of education in gifted. Credit courses are provided during each university term. Special symposiums, conferences and seminars for parents, teachers and other professionals are scheduled throughout the year. Consulting services are available to school districts.

Each summer the center hosts the Gifted Association of Missouri executive board of directors summer retreat, a workshop for new gifted education teachers and a spring orientation session for Missouri Scholars Academy students from Southwest Missouri.

### Graduate Programs

#### Master in Business Administration

Robert L. Wyatt, director

A graduate program leading to the degree master in business administration (M.B.A.) is offered through the Breech School of Business Administration. The MBA program has a broad managerial application, plus opportunities for concentration in business strategy, accounting, or health administration. Courses emphasize analytical thinking and managerial problem-solving. Extensive use is made of the case method and business simulations. An undergraduate degree in business administration is not required for admission to the program. Courses are offered in the evening. A brochure describing the M.B.A. program may be obtained by contacting the Breech School of Business Administration at 417-873-7508. The Breech School M.B.A. program is nationally accredited by the Association of Collegiate Business Schools and Programs (ACBSP).

#### Master of Arts in Communication

Ron Schie, director

The master's program in integrated strategic communication requires 36 hours of credit, usually taken in 12 courses, distributed as follows: 18 hours (6 courses) of required courses and 18 hours (6 courses) of professional or liberal arts electives. An undergraduate degree in communication is not required for admission to the program.

The graduate program will equip students for a career as a communication specialist both in profit and nonprofit environments. This program places modern, state-of-the-art communication technologies firmly within a context of liberal arts studies and is designed to integrate the theoretical with the practical, within the ethical context required to participate in a free and global culture.

#### Master of Arts in Criminology / Master of Science in Criminal Justice

Jana Bufkin, director

The master in criminology/criminal justice programs consist of 42 (M.A.) to 48 (M.S.) semester hours of courses for students who have had no prior background in criminology/criminal justice in their undergraduate work. For the student who has an adequate background of course work in specified areas, the master's program consists of a core of 30 (M.A.) or 36 (M.S.) hours of graduate study that may be completed in two calendar years.

The program is carefully integrated with the undergraduate program and grows out of the institutional commitment to the liberal arts. It is intended to provide sound preparation for careers while at the same time provide the breadth of perspective and flexibility which characterize the liberal arts graduate. The program and the faculty are seen as a significant enrichment to the undergraduate program, and the graduate and undergraduate programs are intended to be mutually supportive.

Drury University offers the M.S. in Criminal Justice program both on campus and at the Fort Leonard Wood location.

#### Master in Education

Daniel R. Beach, director

Drury University offers a graduate program for teachers leading to the master in education degree (M.Ed.). The graduate program is based on a belief that the teacher needs, for further development, both professional courses and nonprofessional courses in the three fields of science, social science and humanities. The maximum credit for the summer session is 12 hours. Courses are scheduled in the evenings and weekends during the regular academic year.

A brochure describing the graduate program for teachers will be sent on request. Programs in elementary, middle school and secondary education are offered. Also offered are elementary and secondary education programs with specialization in physical education, teaching the gifted, instructional technology and a program for professionals in the human services area. Drury University offers the M.Ed. program both on campus and at the Fort Leonard Wood location.

Additional information about the graduate programs can be obtained by contacting the graduate programs office at 417-873-6948.

# Faculty and Administration

## Endowed Chairs and Professorships

**Paul Nowak:** Ernest R. Breech Professor of Private Enterprise

**William D. Rohlf, Jr.:** Burlington Northern Chair in Honor of Richard C. Grayson

**Rabindra Roy:** Walter Hoffman Distinguished Research Professor

**Barbara Wing:** Lora Bond Chair of Biology

## Faculty\*

**Allen, Charles S.:** B.S., Drury College, 1961; M.S., Illinois Institute of Technology, 1964; Ph.D., University of Georgia, 1971. Professor of Mathematics. 1964-67; 1981, 1989.

**Allen, Jeanie K.:** B.A., University of Arkansas - Fayetteville, 1974; M.S.A., University of Arkansas - Fayetteville, 1979; M.Ed., Drury College, 1997; Ph.D., Walden University, 2002. Instructor of Interdisciplinary Studies. 1995, 2000.

**Anderson, Lawrence:** B.S., Southwest Missouri State University, 1993; M.Ed., Drury College, 1998. Instructor of Exercise and Sport Science. 2000, 2000.

**Anderson, Wendy B.:** B.S., Baylor University, 1990; M.S., Baylor University, 1993; Ph.D., Vanderbilt University, 1998. Assistant Professor of Biology. 1998, 1998.

**Arne, Marshall:** B.S., University of Illinois, 1982; M.A., University of Illinois, 1984. Assistant Professor of Architecture. 2001, 2001.

**Baker, Christopher C.:** B.S., Bowling Green State University, 1991; M.S., Indiana University, 1997. Instructor of Exercise and Sport Science. 2001, 2001.

**Beach, Daniel R.:** B.S.Ed., Southwest Missouri State University, 1965; M.S.Ed., Southwest Missouri State University, 1970; Ed.D., University of Missouri-Columbia, 1974. Director of the School of Education and Child Development. 1983, 1994.

**Beatty, T. Bryan:** B.B.A., Sam Houston State University, 1990; M.S., Southwest Missouri State University, 1992. Instructor of Exercise and Sport Science. 1998, 1998.

**Bennett, Jacqueline S.:** B.S. (Chemistry), B.S. (Biology), West Virginia University, 1992; M.S., University of California - Riverside, 1994; Ph.D., University of California - Riverside, 1999. Assistant Professor of Chemistry. 2001, 2001.

**Bice, Cynthia J.:** B.A., Lindenwood College, 1991; M.S., Central Missouri State University, 1992. Assistant Professor of Education. 2001, 2001.

**Bohnenkamper, Katherine:** B.A., Emporia State University, 1977; M.Ed., Wichita State University, 1981; M.A., Kansas State University, 1988; M.L.S., Emporia State University, 1990. Senior Assistant Librarian. 1991, 1996.

**Boustani, Amine:** B.S., Southwest Missouri State University, 1991; M.Ed., Drury College, 1994. Instructor of French. 1994, 1997.

**Browning, Carol J.:** B.A., Drury College, 1978; M.A., Indiana University, 1981; M.S., Texas A&M University, 1987; Ph.D., Louisiana State University, 1986. Associate Professor of Mathematics and Computer Science. 1995, 1995.

**Browning, Peter D.:** B.A., Ohio University, 1978; M.A., University of Chicago, 1979; Ph.D., University of Chicago, 1987. Associate Professor of Philosophy and Religion and Chaplain. 1991, 1995.

**Bufkin, Jana L.:** B.A., Mississippi State University, 1987; M.A., Northeast Louisiana University, 1989; Ph.D., Florida State University, 1996. Associate Professor of Criminology and Criminal Justice. 1999, 2002.

**Buono, Michael J.:** B.Arch., Pratt Institute, 1965; M.Arch., Washington University, 1973. Professor of Architecture. Director of the Hammons School of Architecture. 2000, 2000.

**Burkum, Larry G.:** B.A., Drake University, 1980; M.S. Iowa State University, 1988; Ph.D., Michigan State University, 1997. Assistant Professor of Communication. 1998, 1998.

**Callen, Bruce W.:** B.A., Carleton College, 1981; Ph.D., University of Pennsylvania, 1988. Associate Professor of Physics. 1991, 1997.

**Carroll, Kathy:** B.S., Southwestern Oklahoma State University, 1984; M.S., Texas Women's University, 1991; Ph.D., University of Toledo, 1997. Associate Professor of Exercise and Sport Science. 2002, 2002.

**Carroll, Teresa M.:** B.S., Southwest Missouri State University, 1981; M.S., Southwest Missouri State University, 1986, Ph.D., University of Kansas, 2001. Assistant Professor of Education. 1998, 1998.

**Cassity, Michael:** B.A., Southwest Baptist University, 1971; M.M.T., Loyola University, 1975; Ph.D., University of Iowa, 1985. Professor of Music. 2001, 2001.

**Cheng, William J.:** B.A., University of Colorado-Boulder, 1985; M.A., University of Colorado-Boulder, 1994. Ph.D., University of Colorado-Boulder, 2000. Assistant Professor of Spanish and Interdisciplinary Studies. 2000, 2000.

**Chikaraishi, Nancy:** B.S., University of Illinois, 1982; M.A., University of Illinois, 1984. Assistant Professor of Architecture. 2001, 2002.

**Chin, Hue-ping:** B.A., National Cheng-Kung University (Taiwan), 1980; M.A., National Cheng-Chi University (Taiwan), 1983; Ph.D., University of Iowa, 1995. Assistant Professor of History, 1997, 1997.

**Clayton, Penny:** B.S., Southwest Missouri State University, 1980; M.B.A., Drury College, 1983; Ph.D., Oklahoma State University, 1990. Associate Professor of Business Administration. 1988, 1996.

**Compas, Krystal:** B.A., Drury College, 1982; M.Ed., Drury College, 1990; Ph.D., University of Missouri-Columbia, 1998. Assistant Professor of Interdisciplinary Studies, Vice President of Enrollment Management. 1981, 2002.

**Cowherd, Barbara A.:** B.S.E., Missouri Southern State College, 1979; M.S., Pittsburg State University, 1980. Assistant Professor of Exercise and Sport Science. 1980, 1985.

**Davis, James O.:** B.S., Oklahoma State University, 1965; M.S., Oklahoma State University, 1968; Ph.D., Oklahoma State University, 1972. Professor of Psychology. 2002, 2002.

**Deeds, Donald D.:** A.B., Drury College, 1969; Ph.D., University of Kansas, 1974. Professor of Biology. 1980, 1985.

**Dellner, Jennifer J.:** B.A., Douglass College, Rutgers University, 1984; M.A., University of Washington, 1986; Ph.D., University of Washington, 1995. Assistant Professor of Interdisciplinary Studies. 2000, 2000.

**Dickey, Michael:** B.S., Central Missouri State University, 1968; M.F.A., Ohio University, 1971. Associate Professor of Art. 1984, 1990.

**Eastman, Valerie:** B.A., Drury College, 1984; M.S., Iowa State University, 1988; Ph.D., Iowa State University, 1990. Associate Professor of Psychology. 1991, 1997.

**Edmondson, Lauren A.:** B.A., Southwest Missouri State University, 1986; M.Ed., Southwest Missouri State University, 1993. Assistant Professor of Education. 2003, 2003.

**Egan, Jr., Ken:** B.A., University of Montana-Missoula, 1978; M.A., University of Wisconsin-Madison, 1979; Ph.D., University of Wisconsin-Madison, 1984. Professor of English. 2002, 2002.

**Esposito, Lisa M.:** B.A., Wheaton College, 1980; M.A., University of York (England), 1983; M.A., University of Toronto (Canada), 1986; M.S.L., Pontifical Institute of Mediaeval Studies (Toronto, Canada), 1991; Ph.D., University of Toronto (Canada), 1997. Assistant Professor of Philosophy. 1998, 1998.

**Ess, Charles M.:** B.A., Texas Christian University, 1973; M.A., Pennsylvania State

## Faculty and Administration

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University, 1975; Ph.D., Pennsylvania State University, 1983. Director of Center for Interdisciplinary Studies. Professor of Philosophy. 1988, 1994.

**Flikkema, Eltjen J.:** A.B., Calvin College, 1966; M.A., Michigan State University, 1968; Ph.D., Michigan State University, 1972. Professor of Languages and Literature. 1972, 1985.

**Fuller, Randall:** B.A., University of Missouri-Columbia, 1986; M.A., Washington University, 1995; Ph.D., Washington University, 1999. Assistant Professor of English. 1999, 1999.

**Garnett, Keith:** B.A., University of Oklahoma, 1988; M.S., Central Missouri State University, 1994. Assistant Professor of Exercise and Sport Science. 1997, 2002.

**Garrott, Jay G.:** B.Arch., Texas A & M University, 1972; M.Arch., North Carolina State University, 1975. Professor of Architecture. 1984, 1999.

**Garvin, William W.:** B.A., Emory University, 1982; M.A., Louisiana State University, 1986; M.L.S., University of Kentucky, 1991. Associate Librarian. 1992, 2002.

**Gilstrap, Cristina:** B.S., Southwest Missouri State University, 1994; M.A., Southwest Missouri State University, 1998; Visiting Instructor of Communication. 2003, 2003.

**Gilstrap, Curt:** B.A., Missouri Southern State College, 1995; M.A., Southwest Missouri State University, 1997. Visiting Instruction of Communication. 2003, 2003.

**Good, Stephen H.:** B.A., Nebraska Wesleyan University, 1964; M.A., University of Pittsburgh, 1965; Ph.D., University of Pittsburgh, 1972. Professor of English. Vice President for Academic Affairs and Dean of the College. 1983, 1983.

**Goza, David:** B.A., The University of the Ozarks, 1975; M.M. (Woodwinds), Memphis State University, 1979; M.M. (Composition), The University of the Arkansas, 1993; D.M.A., University of Missouri-Kansas City, 2000. Associate Professor of Music. 1995, 2001.

**Harger, Bruce S.:** B.A., Denison University, 1960; M.Ed., Penn State University, 1964; Ph.D., Ohio State University, 1971. Professor of Exercise and Sport Science. 1988, 1999.

**High, Kenneth:** B.S., Rider College, 1984; M.S., Seton Hall University, 1986; Ph.D., Seton Hall University, 1988. Associate Professor of Chemistry. 1990, 1996.

**Hinds, Lynn B.:** B.A., University of Akron, 1958; M. Div., Eastern Baptist Theological Seminary, 1960; M.A., Temple University, 1961; Ph.D., University of Pittsburgh, 1976. Professor of Communication. 1996, 1996.

**Hinrichs, Brant:** B.S.E., University of Michigan, 1986; M.S. University of Illinois at Urbana-Champaign, 1988; Ph.D., University of Illinois-Urbana-Champaign, 1994. Assistant Professor of Physics. 1999, 2001.

**Holzenberg, Phyllis E.:** B.A., Florida State University, 1975; M.L.S., Florida State University, 1990. Senior Assistant Librarian. 1995, 1996.

**Hornsby, Teresa J.:** B.A., University of Tennessee, 1992; M.T.S., Harvard Divinity School, 1995; M.A., Vanderbilt University, 1999. Ph.D., Vanderbilt University, 1999. Assistant Professor of Philosophy and Religion. 2000, 2000.

**Hudson, Terry R.:** B.S., Central Missouri State University, 1975; M.S., Central Missouri State University, 1981; Ed.D., University of Missouri-Columbia, 1985. Assistant Professor of Education. 1998, 1998.

**Jackson, Rosemary:** A.B., William Jewell College, 1956; M.S.Ed., Southwest Missouri State University, 1986. Associate Professor of Music. 1976, 1992.

**Jones, Stephen R.:** B.S., Indiana State University, 1962; M.S., Indiana State University, 1964; Ph.D., Oklahoma State University, 1973. Professor of Biology. 1968, 1982.

**Julian, Tijuana:** B.M.Ed., Drury College, 1981; M.M., University of Kansas, 1983; D.M.A., University of Kansas, 1987. Associate Professor of Music. 1987, 1991.

**Karuppan, Muthu:** B.S., Madras Christian College, 1976; M.B.A., Western New Mexico University, 1979; Ph.D., University of Arkansas-Fayetteville. 2000, 2000. Associate Professor of Business Administration. 2000, 2000.

## Faculty and Administration

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- Kelly, Brian M.:** B.S., University of Nebraska at Lincoln, 1997; M.Arch., University of Nebraska at Lincoln, 1999. Assistant Professor of Architecture. 2002, 2003.
- Long, Jennie J.:** B.A., College of Wooster, 1992; M.A., Indiana University, 1994; Ph.D., Arizona State University, 1999. Assistant Professor of Criminology. 1999, 1999.
- Lowery, Todd:** B.F.A., Southwest Missouri State University, 1988; M.F.A., School of Visual Arts, 1993. Assistant Professor of Art and Art History. 2002, 2002.
- Luttrell, Vickie:** B.A., Drury College, 1986; M.A., Hollins College, 1988; Ph.D., Southern Illinois University-Carbondale, 1999. Assistant Professor of Psychology. 1999, 1999.
- Marsh, Tricia A.:** B.A., University of Missouri-Rolla, 1992; M.Ed., Drury College, 1996. Instructor of Exercise and Sport Science. 2000, 2000.
- Marsteller, A.L.:** B.S., Kearney State College, 1977; M.A., University of Nebraska-Omaha, 1981; Ph.D., University of Nebraska-Lincoln, 1991. Associate Professor of Criminology and Sociology. 1991, 1997.
- Matusevich, Maxim:** B.A., University of Oklahoma, 1992; M.A., University of Illinois-Urbana-Champaign, 1995. Ph.D., University of Illinois at Urbana-Champaign. Assistant Professor of History. 2001, 2001.
- Maxson, Richard A.:** B.A., California State University-Fresno, 1985; M.A., California State University-Fresno, 1987; Ph.D., Indiana University-Bloomington, 1998. Associate Professor of Communication. 2000, 2000.
- McEachern, Patricia A.:** B.A., University of Central Florida, 1981; M.A., Florida State University, 1986; Ph.D., University of North Carolina-Chapel Hill, 1995. Associate Professor of French. 1996, 2002.
- Meidlinger, Peter K.:** B.A., University of Iowa, 1981; M.A., University of Iowa, 1985; Ph.D., University of Iowa, 1993. Associate Professor of English. 1992, 1998.
- Metz, Allan:** B.A., University of Rhode Island, 1972; M.L.S., University of Rhode Island, 1974; M.A., University of Connecticut, 1991. Senior Assistant Librarian. 1992, 1996.
- Miller, R. Robin:** B.A., Berea College, 1990; M.A., Indiana State University, 1992; Ph.D., University of Cincinnati, 1997. Associate Professor of Sociology. 1999, 2001.
- Miller, Rebecca:** Visiting Assistant Professor of Art and Art History. 2003, 2003.
- Milleson, Nyla:** B.S.Ed., Kansas State University, 1985; M.Ed., Kansas State University, 1989. Instructor of Exercise and Sport Science. 1999, 1999.
- Monroe, Ruth E.:** B.M.E., Central Methodist College, 1951; M.R.E., Eastern Baptist Theological Seminary, 1956; M.A., Temple University, 1966; Ph.D., University of Minnesota, 1976. Professor of Theatre. 1985, 1985.
- Moore, Bruce E.:** B.Arch., University of Michigan, 1980; M.Arch., University of Michigan, 1982. Professor of Architecture. 1986, 2000.
- Moore, Jr., John E.:** B.A., Yale University, 1964; M.A.T., Yale University, 1965; Ed.D., Harvard Graduate School of Education, 1971. Professor of Education. President of the University. 1983, 1983.
- Moser, Patrick J.:** B.A., University of California-Berkeley, 1989; Ph.D., University of California-Davis, 1997. Assistant Professor of French and Interdisciplinary Studies. 1998, 2000.
- Mullins, Steve D.:** B.S., Oklahoma State University, 1977; M.S., Oklahoma State University, 1980; Ph.D., Oklahoma State University, 1983. Associate Professor of Economics. 1982, 1987.
- Murphy, Dudley C.:** B.A., University of Tulsa, 1965; M.F.A., University of Oklahoma, 1971. Associate Professor of Art. 1978, 1983.
- Murrow, Jim:** B.S., Kansas State University, 1963; M.B.A., University of Kansas, 1969; Ph.D., University of North Texas, 1996. Associate Professor of Business Administration. 1994, 2000.
- Nichols, Elizabeth G.:** B.A., University of Missouri-Columbia, 1991; M.A., University of Kansas, 1993; Ph.D., University of Kansas, 1997. Assistant Professor of Spanish. 1997, 1997.

## Faculty and Administration

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**Norris, Joye H.:** B.S., Illinois State University, 1972; M.S.Ed., Illinois State University, 1977; Ph.D., Illinois State University, 1980.

**Nowak, Paul J.:** B.S., Rose Polytechnic Institute, 1968; M.B.A., Florida State University, 1971; D.B.A., Florida State University, 1979. Professor of Business Administration. Ernest R. Breech Professor of Private Enterprise. 1985, 1997.

**Oglesby, Rodney A.:** B.S., University of Missouri-Columbia, 1972; M.B.A., Southern Illinois University, 1973; Ph.D., University of Missouri-Columbia, 1991. Professor of Accounting. 2002, 2002.

**Ojakangas, Gregory W.:** B.S., University of Minnesota-Duluth, 1982; M.S., California Institute of Technology, 1985; Ph.D., California Institute of Technology, 1988. Assistant Professor of Physics. 1996, 1996.

**Paddock, Elizabeth M.:** B.A., Kansas State University, 1982; M.A., University of Kansas, 1986; Ph.D., University of Kansas, 1991. Associate Professor of Political Science. 1989, 1996.

**Panza, Christopher J.:** B.A., State University of New York, 1993; M.A., University of Connecticut, 1998. Ph.D., University of Connecticut, 2002. Assistant Professor of Philosophy. 2002, 2002.

**Parker, Thomas M.:** B.A., Washburn University, 1955; M.F.A., State University of Iowa, 1960. Professor of Art and Art History. 1983, 1993.

**Pazaki, S. Hooshang:** B.A., University of Esfahan, Iran, 1977; M.S., University of Missouri-Columbia, 1981; Ph.D., University of Missouri-Columbia, 1992. Associate Professor of Sociology. 1991, 1998.

**Petrich, Scott A.:** B.S., B.A., Southwest State University, 1987; Ph.D., Iowa State University, 1992. Associate Professor of Chemistry. 1994, 2000.

**Petty, Clifton D.:** B.A., Baylor University, 1982; M.B.A., Baylor University, 1984; Ph.D., University of Houston, 1991. Associate Professor of Business Administration. 1993, 1999.

**Philpot, James:** B.A., University of Arkansas, 1986; M.B.A., Arkansas State University, 1987; Ph.D., University of Arkansas, 1994. Visiting Assistant Professor of Business Administration and Economics. 2003, 2003.

**Placer, Angeles J.:** B.A., University of Puerto Rico, 1976; M.A., Cornell University, 1979; Ph.D., Cornell University, 1993. Assistant Professor of Spanish. 1998, 1998.

**Popescu, Ioana:** B.S. University of Bucharest, 1989; M.S., University of Bucharest, 1992; Ph.D., University of Cincinnati, 1999. Assistant Professor of Biology. 2001, 2001.

**Renoff, Greg:** B.A., Rutgers University, 1993; M.A., University of Mississippi. Instructor of History. 2003, 2003.

**Reynolds, Brian R.:** A.B., Drury College, 1983; M.S.Ed., University of Central Arkansas, 1986. Assistant Professor of Exercise and Sport Science. 1983, 1992.

**Robertson, Robert L.:** B.S. (Mathematics), B.S. (Computer Science), University of Arkansas-Fayetteville, 1989; M.S., University of Arkansas-Fayetteville, 1991; Ph.D., University of Kentucky, 1996. Assistant Professor of Mathematics. 2001, 2001.

**Robinson, Aurora:** B.E.D., Kansas University, 1981; B.A., Kansas University, 1983; M.A., Pratt Institute, 1999. Assistant Professor of Architecture. 2001, 2001.

**Rohlf, Jr., William D.:** B.A., Baker University, 1967; M.A., Kansas State University, 1969; Ph.D., Kansas State University, 1972. Professor of Economics. 1972, 1984.

**Rollins, M. Sue:** B.S.Ed., Southwest Missouri State University, 1965; M.Ed., University of Missouri-Columbia, 1970; Ed.D., University of Missouri-Columbia, 1982. Associate Professor of Exercise and Sport Science. Senior Consultant/Director of Special Programs, College of Graduate and Continuing Studies. 1977, 1983.

**Rowley, III, Wesley H.:** B.S., Virginia Polytechnic Institute and State University, 1980; Ph.D., East Carolina University School of Medicine, 1987. Associate Professor of Biology. 1989, 1995.

**Roy, Protima:** B.S., Calcutta University Presidency College, 1965; M.S., Calcutta University

## Faculty and Administration

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Presidency College, 1968; Ph.D., University of Florida, 1974. Professor of Education. 1975, 1985.

**Roy, Rabindra N.:** B.S., Jadavpur University, 1959; M.S., Jadavpur University, 1961; Ph.D., Louisiana State University, 1966. Professor of Chemistry. Walter Hoffman Distinguished Research Professor. 1966, 1974.

**Russo, Thomas E.:** B.A., Northern Illinois University, 1983; M.A., Northern Illinois University, 1986 and 1988; Ph.D., Indiana University, 1993. Associate Professor of Art and Art History. 1993, 1999.

**Rutledge, Rebecca:** B.F.A., Louisiana Tech University, 1984; M.F.A., Louisiana Tech University, 1979. Visiting Assistant Professor of Art and Art History. 2001, 2001.

**Schie, Ron:** B.A., Ohio University, 1964; M.F.A., Ohio University, 1966. Associate Professor of Communication. 1998, 1998.

**Schraft, Robin:** B.A. Eisenhower College, 1975; M.A., New York University, 1983; Ph.D., New York University, 1987. Associate Professor of Theatre. 1991, 1993.

**Schur, Richard:** B.A., University of Illinois at Urbana-Champaign, 1991; J.D., University of Wisconsin, 1994; Ph.D., University of Kansas, 2000. Assistant Professor of Interdisciplinary Studies. 2001, 2002.

**Sharpe, Carlyle:** B.M., M.M., Shepherd School of Music, Rice University, 1989; D.M.A., Boston University, 1994. Assistant Professor of Music. 2000, 2000.

**Simmons, Scott J.:** B.S., University of Kentucky, 1991; M.S., University of Kentucky, 1993; Ph.D., University of Kentucky, 1998. Assistant Professor of Mathematics. 2002, 2002.

**Slye, Gail:** B.A., San Diego State University, 1978; M.A., San Diego State University, 1982; Ed.D., University of Missouri-Columbia, 1999. Assistant Professor of Education. 1997, 2000.

**Smith, Craig:** B.S., Southwest Missouri State University, 1979; M.S., University of Oklahoma, 1988; M.A.L.S., University of Missouri-Columbia, 1984. Associate Librarian. 1980, 1996.

**Smith, Troy E.:** B.A., Brigham Young, 1991; M.A., George Washington University, 1993; Ph.D., University of Albany, SUNY, 1998. Assistant Professor of Political Science. 2002, 2002.

**Sokol, Michael:** B.F.A., University of Florida, 1989; M.F.A., Southern Illinois University, 1992; Ph.D., The University of Georgia, 1999. Assistant Professor of Theatre. 2001, 2001.

**Sooter, Traci:** B.S., Southwest Missouri State University, 1984; M.Arch., Washington University, 1999. Visiting Assistant Professor of Architecture. 1999, 1999.

**Sorenson, W. Allin:** B.M.Ed., Northeast Missouri State University, 1983; M.A., Northeast Missouri State University, 1985; D.M.A., University of Minnesota, 1989. Associate Professor of Music. 1988, 1994.

**Stanfield, Gary:** B.S., John Brown University, 1969; M.Ed., Drury College, 1980. Assistant Professor of Exercise and Sport Science. 1984, 1989.

**Still, Kelley:** B.S., Southwest Missouri State University, 1979; M.B.A., Drury College, 1992. Ph.D., University of Oklahoma, 1997. Associate Professor of Accounting. 1995, 2001.

**Stoan, Stephen K.:** B.A., University of Florida, 1963; M.A., University of Florida, 1964; Ph.D., Duke University, 1970; M.L.S., Kent State University, 1979. Director of Library and Information Services and Librarian. 1995, 1996.

**Taylor, Charles A.:** B.A., The College of the Ozarks, 1985; M.A., University of Illinois-Champaign, 1987; Ph.D., University of Illinois-Urbana-Champaign, 1990. Associate Professor of Communication. 1997. Associate Dean of the College. 1997, 1997.

**Taylor, John:** B.A., Drury College, 1997; M.A., Georgetown University, 1999. Ph.D., Georgetown University, 2003. Assistant Professor of German. 2001, 2003.

**Terry, Sean P.:** B.S., Southwest Missouri State University, 1988; M.S., Southwest Missouri State University, 1991; Ph.D., University of Oklahoma-Norman, 1995. Assistant Professor of Interdisciplinary Studies. 1999, 2000.

**Tsolakis, Alcibiades P.:** B.A., University of Pennsylvania, 1970; M.Arch., University of Oregon, 1974. Professor of Architecture. 1987, 2001.

**Tygart, Jacqueline A.:** B.F.A., Southwest Missouri State University, 1986; M.L.S., University of 247



## Faculty and Administration

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Missouri-Columbia, 1993. Senior Assistant Librarian. 1996, 1997.

**Utley, Mary:** B.A., St. Louis University, 1980; M.A., Southern Illinois University-Edwardsville, 1984; M.B.A., Lindenwood University, 1999; Ph.D., University of Georgia, 1989. Professor of Psychology. 2002, 2002.

**Vaggalis, Ted:** B.A., Brigham Young University, 1982; M.S. University of Kansas, 1988. Ph.D., University of Kansas, 2001. Assistant Professor of Interdisciplinary Studies. 1995, 2002.

**Van Arkel, Jo B.:** B.A., Texas Christian University, 1979; M.A., Texas Christian University, 1981; M.F.A., University of Oregon, 1982. Associate Professor of English. 1984, 1988.

**VanDenBerg, Jeffrey A.:** B.A., Miami University (Ohio), 1990; M.A., University of Cincinnati, 1995; Ph.D., University of Cincinnati, 2000. Assistant Professor of Political Science. 1998, 2000.

**Warren, Jacqueline L.:** B.S., Southwest Missouri State University, 1966; M.F.A., Arizona State University, 1971. Associate Professor of Art. 1979, 1984.

**Waters, Regina K.:** B.S., Southwest Missouri State University, 1988; M.A., Southwest Missouri State University, 1990. Ph.D., University of Missouri-Columbia, 2001. Assistant Professor of Communications. 1996, 2001.

**Weber, Donald E.:** B.S., Case Institute of Technology, 1963; M.S., Northwestern University, 1965; Ph.D., Northwestern University, 1970. Professor of Physics. 1970, 1985.

**Weddle, Robert:** B.S., University of Illinois-Urbana-Champaign, 1982; M.Arch., University of Illinois-Urbana-Champaign, 1985; Ph.D., Cornell University, 1998. Assistant Professor of Architecture. 1999, 1999.

**Weddle, Sandra:** B.A., The Pennsylvania State University, 1986; M.A., Cornell University, 1992; Ph.D., Cornell University, 1997. Assistant Professor of Architecture. 2001, 2001.

**White, Jayne L.:** B.A., Southwest Baptist College, 1971; M.Ed., University of Missouri-Columbia, 1976; Ed.D., Oklahoma State University, 1983. Professor of Education. 1984, 1999.

**Williamson, Edward A.:** B.S., Southwest Baptist University, 1991; M.S., Southwest Baptist University, 1993; Ph.D., University of Missouri-Columbia, 1998. Assistant Professor of Education. 1999, 2000.

**Willis, Resa A.:** B.A., Southwest Missouri State University, 1971; M.A., University of Arkansas, 1973; Ph.D., University of Tulsa, 1984. Professor of English. 1981, 1993.

**Wing, Barbara D.:** A.S., Kansas City Kansas Community College, 1971; B.A., University of Kansas, 1973; Ph.D., University of Kansas, 1980. Professor of Biology. Lora Bond Chair of Biology. 1987, 1998.

**Wolbrink, Shelley A.:** B.A., Miami University (Ohio), 1991; M.A., University of Cincinnati, 1993; Ph.D., University of Cincinnati, 1998. Assistant Professor of History. 1998, 1998.

**Wood, Mark D.:** B.A., Drury College, 1981; Ph.D., State University of New York at Stony Brook, 1992. Associate Professor of Chemistry. 1992, 1999.

**Wyatt, Robert L.:** B.A., University of Central Arkansas, 1983; M.S., University of Arkansas-Fayetteville, 1988; Ph.D., University of Memphis, 1993. Associate Professor of Accounting. Director of the Breech School of Business Administration. 1996, 2000.

**Young, Roger J.:** B.S., Hatfield Polytechnic (England), 1985; Ph.D., Texas A&M University, 1994. Associate Professor of Biology. 1996, 2002.

**\*The dates following the names and titles of faculty members represent, first, the date of initial appointment and, second, the date of promotion to present rank.**

## Special Instructors

**Bartels, Cynthia:** B.A., Southwest Missouri State University, 1976; M.S., University of Arkansas-Fayetteville, 1979. Special Instructor of English. 2000, 2000.

**Burkindine, Jill M.:** B.A., Austin State University, 1973; M.A., Austin State University, 1975. Special

Instructor of Intensive English Program. 1999, 1999.

**Cashel, Dan:** M.S., Southwest Missouri State University, 1980. Special Instructor of Exercise and Sport Science, 1974.

**Cowens, Kathleen:** B.M., Southwest Missouri State University, 1975; M.Ed., Southwest Missouri State University, 1978. Special Instructor of Music, 1978.

**Eastman, Greg:** B.S., Iowa State University, 1985; M.S., University of Missouri-Rolla, 2001. Special Instructor of Computer Science. 2000, 2001.

**Ess, Conni:** B.A., Texas Christian University, 1971. Special Instructor of French, 1989.

**Foltz, Alan F.:** B.A., Southwest Missouri State University, 1968; M.B.A., Drury College, 1977. Special Instructor in Business Administration, 1985.

**Holmes, Gary:** B.S., Southwest Missouri State University, 1989; M.B.A., Drury University, 2001. Special Instructor of Business Administration and Economics. 2002, 2002.

**Hubbard, Douglas D.:** B.A., Drury College, 1976. Program Director for Medical Technology, 1991.

**Lorimer, Debbie:** M.H., M.T. (A.S.C.P.), B.S., Pittsburgh State University, 1974. Program Director for Medical Technology, 1995.

**McDonald, Margaret:** B.S./M.D. Iowa State University, 1980. Medical Director of School of Medical Technology, 1997.

**Millstead, Claudette M.:** M.T., (A.S.C.P.) CLS, M.Ed., Central Michigan University, 1978. Program Director for Medical Technology, 1978.

**Moulder, Earline:** M.M., Indiana University, 1963; D.M.A., University of Kansas, 1991. University Organist, 1991. Special Instructor of Music, 1968.

**O'Brien, Mike:** B. Journ., University of Missouri-Columbia, 1967. Journalist-in-Residence, 1992.

**Roberts, Joyce:** B.A., Drury College, 1983. Special Instructor of Theatre, 1978.

**Roy, Lakshmi N.:** B.S., University of Burdwan (India), 1972; M.A., M.B.A., Southwest Missouri State University, 1982. Special Instructor of Biology and Chemistry, 1990.

**Ruff, Jo:** M.M., University of Kansas, 1966. Special Instructor of Music, 1979.

**Wachter, Ronald:** M.D., University of Nebraska, 1969. Medical Director for School of Medical Technology, 1990.

### Emeriti Professors

**Agruso, Jr., Victor M.:** Psychology. B.A., Xavier University, 1962; M.Ed., Xavier University, 1965; Ph.D., University of Missouri-Columbia, 1971. 1967-2000.

**Armstrong, Judith G.:** B.B.A., North Texas State University, 1955; M.L.S., Texas Women's University, 1964; M.A., Southwest Missouri State University, 1972. 1969-1994.

**Asher, Harvey:** B.A., Brooklyn College, 1962; M.A., Indiana University, 1964; Ph.D., Indiana University, 1967. 1967-2003.

**Bamberger, Ruth:** B.S., Nazareth College, 1966; M.A., The Ohio State University, 1968; Ph.D., The Ohio State University, 1973. 1973-2002.

**Beck, Eleanor L.:** Home Economics. M.Ed., University of Missouri-Columbia, 1957. 1964-1982.

**Bynum, James H.:** Communication. B.A. University of Missouri-Kansas City, 1951; M.Ed., University of Kansas, 1954; Ph.D., University of Missouri-Kansas City, 1969. 1967-1992.

**Eikner, Allen V.:** Philosophy and Religion. Ph.D., Vanderbilt University, 1962; LL.D., Drury College, 1983. 1952-1983.

**Griffin, James B.:** A.B., Emory University, 1956; M.A., Duke University, 1962; Ph.D., University of North Carolina, 1965; M.Arch., North Carolina State University, 1975. 1986-2001.

## Faculty and Administration

---

**Harding, Bill J.:** Physical Education. A.B., Drury College, 1954; M.Ed., Drury College, 1964. 1965-1988.

**Hill, Edwin S.:** Education, Psychology. B.A., Denison University, 1950; B.D., The College of the Bible, 1953; M.S., Indiana University, 1956; Ed.D., Indiana University, 1961. 1961-1988.

**Holmes, Wayne:** Literature. B.S.Ed., Southwest Missouri State University, 1957; M.A., University of Missouri-Columbia, 1964. 1966-1987.

**Killough, Richard H.:** Philosophy and Religion. B.A., University of Missouri, 1947; B.D., Andover Newton, 1961; Ph.D., University of St. Andrews, Scotland, 1974. 1968-1994.

**Livingston, James T.:** Literature. B.A., Texas Christian University, 1952; M.A., Texas Christian University, 1953; B.D., University of Chicago, 1959; Ph.D., University of Chicago, 1963. 1962-1995.

**McAdoo, Joseph P.:** Communication. B.S., Kansas State Teachers College, 1959; M.S., Kansas State Teachers College, 1962; Ph.D., University of Missouri-Columbia, 1974. 1968-1996.

**Mears, Harriet:** Art and Art History. B.A., College of William and Mary, 1942; L.H.D., Drury College, 1992. 1971-1992.

**Minasian, Samuel M.:** Music. B.M., Cornell College, 1950; M.M., Eastman School of Music, 1952. 1969-1995.

**Nickle, Ted J.:** Mathematics. B.S., Drury College, 1960; M.A., University of Oklahoma, 1966. 1961-1999.

**Padron, Jorge L.:** Chemistry. B.S., Oklahoma Baptist University, 1952; M.S., University of Oklahoma, 1954; Ph.D., University of Oklahoma, 1956. 1957-1993.

**Riley, James A.:** Physics. B. S., University of Minnesota, 1960; M.A., Temple University, 1964; Ph.D., University of Minnesota, 1969. 1969-1999.

**Rutan, Stephen L.:** Mathematics. B.S., Western Michigan University, 1957; M.A.T., Michigan State University, 1962; M.A., Rutgers University, 1965; Ph.D., University of Missouri-Columbia, 1981. 1962-1994.

**Smith, James F.:** History. B.A., Bethany College, 1951; B.D., Texas Christian University, 1954; Ph.D., Vanderbilt University, 1964. 1958-1991.

**Smith, III, Samuel D.:** Philosophy and Religion. A.B., Phillips University, 1948; B.D., Texas Christian University, 1951; Ph.D., Vanderbilt University, 1965. 1958-1988.

**Starczewski, Jerzy:** B.S., Polytechnic University of Warsaw, 1954; M.S., Polytechnic University of Warsaw, 1956; M.Arch., Virginia Polytechnic Institute & State University, 1982; Ph.D., Georgia Institute of Technology, 1992. 1989-2002.

**Stauffer, Lawrence N.:** Biology. B.S., Northwestern State College, 1952; M.S., Oklahoma State University, 1961; Ed.D., Oklahoma State University, 1969. Professor of Biology. 1963-1995.

**Vise, Sidney R.:** Music. B.M., Rhodes College, 1954; M.M., Northwestern University, 1958; D.M.A., University of Missouri-Kansas City, 1975. 1965, 1999.

## Administration

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Stephen H. Good .....	Vice President for Academic Affairs and Dean of the College
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Robert L. Wyatt .....	Director of Breech School of Business Administration
Marsha K. Hughes .....	Director of Continuing Studies, Mid-Missouri Region
Bonnie Wilcox .....	Director of Operations for Continuing Studies
Stephen K. Stoa .....	Director of Library & Library Information Services
George Puhmann .....	Assistant Director of Continuing Studies, Testing Director, Mid-Missouri

## Region

Alan Foltz .....	Assistant Director of Breech School of Business Administration
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Craig Smith .....	Reference and Periodicals Librarian
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Randall Fuller .....	Theme Year Director
Robin Miller .....	Associate Theme Year Director
Eltjen Flikkema .....	Director of Honors Program
Stephen Jones .....	Director of Environmental Studies Program
Thomas Russo .....	Director of Study Abroad Programs
Peter Meidlinger .....	Director of Writing Program and Writing Center
Robin Schraft .....	Director of Academic Computing
Jeff VanDenBerg .....	Pre-law Advisor
Scott Petrich .....	Director of Pre-medical Sciences Program
Richard Schur .....	Director of Center of Interdisciplinary Studies
Cheryl Jones .....	Director of International Support Services
Jill Burkindine .....	Director of English for Academic Purposes
Eltjen Flikkema .....	Director of University Honors Program
Valerie Eastman .....	Director of 3-2 Occupational Therapy Program
Bruce Callen .....	Director of 3-2 Engineering Dual-Degree Program
Dudley Murphy .....	Director of Visual Communications Program
Kelley Still .....	Arts Administration Coordinator
Don Deeds .....	Biosphere II Coordinator
Shelley Wolbrink .....	Medieval Studies Coordinator
Hooshang Pazaki .....	Middle East Studies Coordinator
Teresa Hornsby .....	Women's Studies Coordinator

## Department Chairs

Michael J. Buono .....	Architecture
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Barbara D. Wing .....	Biology
Robert Wyatt .....	Business Administration
Mark Wood .....	Chemistry
Ron Schie .....	Communication
Daniel Beach .....	Education
Ken Egan, Jr. ....	English
Kathy Carroll .....	Exercise and Sport Science

## Faculty and Administration

---

Jeffrey VanDenBerg .....	History, Political Science and Geography
Richard Schur .....	Interdisciplinary Studies
Eltjen Flikkema .....	Languages
Stephen Stoa .....	Library Science
Robert L. Robertson .....	Mathematics and Computer Science
Tijuana Julian .....	Music
Lisa Esposito .....	Philosophy and Religion
Bruce Callen .....	Physics
Robin Schraft .....	Theatre

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Serene Deeds .....	Associate Director of Safety and Security
Jill Knickerbocker-Holmes .....	Director of Business Services
Gary Swadley .....	Director of Computer Services
Cheri Parsley .....	Director of Administrative Computing
Asikaa Cosgrove .....	Director of Web Services

## Student Services

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Marilynn Moon .....	Director of Student Life
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Grant Carlson .....	Hall Director, Turner Hall
Mike Schluckebier .....	Hall Director, Wallace Hall
Amy Smith .....	Hall Director, Smith Hall
Jill Wiggins .....	Director of the Career Center
Jennifer Murphy .....	Associate Director of the Career Center
Tina Moore .....	Experiential Education and Technology Coordinator
Myrna Clinkenbeard .....	Director of Bookstore
Valerie Rains .....	Associate Director of Bookstore
Cheryl Jones .....	Director of International Support Services
Rick Jakeman .....	Director of Community Outreach

## Development and Alumni Service

Deirdre Hirner .....	Vice President for Development and Alumni Relations
Susan Kirby .....	Director of Alumni Relations
Paula Hopkins .....	Director of Gift Planning
Sara Matteo .....	Director of Annual Fund
Stephen Gintz .....	Planned Giving Officer

## Admission

Krystal Compas .....	Vice President for Enrollment Management
Chip Parker .....	Director of Admission
Julie Hockensmith .....	International Admission Specialist
Melissa Afdahl .....	Assistant Director of Admission
Debbie Roetto .....	Regional Director of Admission
Jaimie Trussell .....	Regional Director of Admission
Jennifer Harris .....	Regional Director of Admission

## Faculty and Administration

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Whitney Eaton ..... Regional Director of Admission

### Financial Aid

Annette Avery ..... Director of Financial Aid

Debby Williams ..... Assistant Director of Financial Aid

Nila Davison ..... Financial Aid Coordinator

Jennifer Thruston ..... Financial Aid Coordinator

### University Communications

Tristan Davies ..... Director of University Communications

Charlie Hungerford Jr ..... Assistant Director of University Communications

Don Ameye ..... Creative Director and Publications Network Administrator

Janice Lindeman ..... Catalog Editor

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### School of Religion Board

The Drury School of Religion, established and maintained by the Christian Church (Disciples of Christ), served as the official means of relating Drury College of Drury University and the Christian Church (Disciples of Christ) from its founding in 1909 until Jan. 1, 1979 when Drury became formally affiliated with this denomination. It was through this agency that the church's support for Drury, with special emphasis on the program in religion, was provided. The School of Religion Board continues to exist as an independent organization with the purpose of assisting Drury University in the implementation of its church relationship.

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## Environmental Mission and Goal Statement

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### Environmental Mission and Goal Statement

The Drury University community endorses the belief that we have a twofold responsibility toward the environment: 1) to take a leadership role in conducting activities as responsible caretakers of the environment; 2) to use educational programming to promote environmental awareness, local involvement, political action and global thinking.

**In our educational mission, Drury University will strive to:**

- foster an understanding of and responsibility for the physical environment;
- ensure that individuals are knowledgeable about the environmental issues which affect their disciplines, daily lives and health;
- encourage environmental research;
- conduct research and teaching in an environmentally responsible way;
- provide a forum for the open flow of information among international organizations, governments, industry and academia; to discuss and study environmental issues and their relationship to other social issues.

**In our administrative functions, Drury University will strive to:**

- inform the Drury community about recycling opportunities on campus and foster their use;
- conserve natural resources and support their sustainable use by taking positive steps toward upgrading environmental systems on campus;
- conduct affairs in a manner that safeguards the environmental health and safety of students, faculty, staff and communities;
- reduce the use of toxic substances and the generation of wastes and promote strategies to reuse and recycle those wastes that cannot be avoided; and
- purchase renewable, reusable, preyclable, recyclable and recycled materials.

**In our campus life, students, faculty and staff will strive to:**

- conduct themselves in an environmentally sensitive manner toward university property;
- conserve and preserve the natural environment of the campus;
- conserve energy and water in residence halls, classrooms and administration buildings;
- emphasize the importance of careful use and conservation of resources to new students (at orientation), faculty and staff;
- take responsibility for minimizing motor vehicle use and promote use of cycling and walking on campus.

The members of the Drury University community commit themselves to initiating, promoting and conducting programs which fully implement this policy throughout the university and in the global community.



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# Academic Calendar

## Fall 2003

<b>Aug.</b>	13-16	New International Student Orientation
	14	New Faculty Orientation
	15	Faculty Workshop
	16-19	Freshman Orientation / Alpha Seminar Begins
	19	Registration
	20	Classes begin, 7:30 a.m.
	21	Opening Convocation
	TBA	Regent's classes begin
<b>Sept.</b>	1	Labor Day, no classes
	3	Last day to register for classes
	3	Last day to add a course
	10	Last day to register for audit
	18	Founder's Day Convocation, 11 a.m.
	30	Deadline to apply for degree to be conferred in May
<b>Oct.</b>	1	Last day to drop a course without receiving a grade
	4	Family Day
	9-10	Fall break, no classes
	20	Midterm grade reports due
<b>Nov.</b>	5	Advance registration for spring semester begins
	25	Thanksgiving vacation begins, 10:50 p.m.
	25	Last day to drop a course
<b>Dec.</b>	1	Thanksgiving vacation ends, 7:30 a.m.
	8	Graduating students grades due
	8-13	Finals week
	13	Fall semester instruction ends
	13	Mid-Year Commencement
	15	All grades due
	15	Winter Term special projects begin

## Academic Calendar

### Spring 2004

<b>Jan.</b>	9	Winter Term projects end
	19	Martin Luther King, Jr. Day
	19-20	New International Student Orientation
	20	Registration
	21	Classes begin, 7:30 a.m.
	TBA	Regent's classes begin
<b>Feb.</b>	4	Last Day to register for classes
	4	Last day to add a course
	11	Last day to register for audit
	11	Theme Day Seminar (Tentative)
<b>March</b>	3	Last day to drop a course without receiving a grade
	8	Midterm grade reports due
	19	Spring break begins 5 p.m.
	29	Spring break ends 7:30 a.m.
<b>April</b>	9	Good Friday, No Classes
	13	Deadline to apply for degree to be conferred in August or December
	14	Advance Registration for fall semester begins
	30	Last Day to a course without receiving a grade
<b>May</b>	10	Graduating Seniors Grades Due
	10	International travel and special projects begin
	10-15	Finals week
	13	Graduation Rehearsal, 5:30 p.m.
	15	Spring semester instruction ends
	16	Baccalaureate and commencement
	17	All grades due

### Summer 2004

<b>June</b>	7	First summer term begins, evening summer session begins
	6	International travel and special projects end
	TBA	First summer term begins, Graduate M.Ed.
	25	Freshman Registration
<b>July</b>	5	University closed in observance of Independence Day
	9	First summer term ends
	12	Second summer term begins
<b>Aug.</b>	6	Evening summer session ends
	9	Graduating students grades due
	13	Second summer term ends
	14	Summer Commencement