



LINDENWOOD COLLEGE

St. Charles, Westport, Olivette (314) 929-2000

1991-92 SEMESTER SCHEDULE UNDERGRADUATE CATALOG

Undergraduate Semester Schedule

PREFACE

This catalog contains a description of the undergraduate programs offered on the traditional semester schedule of Lindenwood College. Separate catalogs are devoted to the description of the quarter schedule programs which include the Evening College and the Lindenwood College for Individualized Education (LCIE), and to the special requirements of the Lindenwood College Graduate Programs. All statements in this publication concerning policies, program requirements, fees and other matters are subject to change without notice. The statements in this catalog are for informational purposes only and should not be viewed as the basis of a contract between a student and the College.

Lindenwood College is an Equal Opportunity, Affirmative Action Employer. The College complies with the Civil Rights Act of 1964, as amended, and other legislation which prohibits discrimination in employment and access to educational programs because of race, color, national origin, sex, age or physical handicap. Lindenwood College is committed to a policy of non-discrimination and dedicated to providing a positive discrimination-free educational and work environment. Any kind of discrimination, harassment and intimidation is unacceptable conduct. For the purpose of this policy, discrimination, harassment and intimidation may be defined as any attempt on the part of individuals, groups and recognized campus organizations to deny an individual

or group those rights, freedoms or opportunities available to all members of the College community. The College is committed to meeting the full intent and spirit of the anti-discrimination laws, not merely the minimum letter of the law. Inquiries concerning the application of Lindenwood College's policy on non-discrimination should be directed to the Student Life Office or executive offices of the College.

Lindenwood complies with the Drug-Free Schools and Communities Act of 1989, the Drug-Free Workplace Act of 1988 and the Student Right-to-Know and Campus Security Act of 1990, and seeks to provide a healthy, safe and secure environment for students and employees. (See Student Handbook pages 15 and 17).

Lindenwood College is accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools, and by the National Council for the Accreditation of Teacher Education. Lindenwood is a member of the American Assembly of Collegiate Schools of Business.

DEGREE PROGRAMS

Lindenwood College offers academic programs leading to the Bachelor of Arts, Bachelor of Fine Arts, and Bachelor of Science degrees at the undergraduate level. At the graduate level, the College offers coursework leading to the Master of Science, Master of Arts, Master of Business Administration, Master of Fine Arts, and Master of Valuation Sciences. The major areas of concentration and the format in which each degree is offered is listed as follows.

SEMESTER SCHEDULE

UNDERGRADUATE PROGRAMS

Bachelor of Arts Degrees

Art History
Biology
Business Administration
Chemistry
Computer Science
Corporate Communication
Criminal Justice
Early Childhood Special Education
Elementary Education
English
Fashion Marketing
French
History
Mass Communication
Mathematics
Medical Technology
Music
Performing Arts
Physical Education
Political Science
Psychology
Public Administration
Secondary Education
(major in subject specialty)
Sociology
Spanish
Studio Art (Bachelor of Fine Arts)
Theatre
Interdisciplinary majors and minors are available in international studies, human resource management, and legal studies.



SEMESTER SCHEDULE

Graduate Programs

Master of Arts, Art
 Master of Arts, Theatre
 Master of Fine Arts, Theatre
 Master of Arts, Education

QUARTER SCHEDULE

Evening College

Bachelor of Arts Degrees

Art
 Business Administration
 Computer Science*
 Corporate Communication
 *courses in major offered in evening on semester schedule.

Graduate Degrees

Master of Arts, Art
 Master of Arts, Education
 Master of Business Administration (MBA)
 Master of Science (business specialty area)

LINDENWOOD COLLEGE FOR INDIVIDUALIZED EDUCATION (LCIE)

Undergraduate Degrees

Business Administration
 Corporate Communication
 Gerontology
 Health Management
 Human Resource Management
 Mass Communication
 Valuation Sciences (Appraisal)

Graduate Degrees

Master of Arts, Gerontology
 Master of Arts, Professional Counseling
 Master of Business Administration (MBA)
 Master of Science (business specialty area)
 Master of Science in Corporate Communication
 Master of Science in Health Management
 Master of Science in Human Service Agency Management
 Master of Science in Mass Communication
 Master of Valuation Sciences (Appraisal)

TRIMESTER SCHEDULE

Center for Professional and Educational Counseling

Master of Arts, Professional Counseling
 Master of Arts, School Counseling
 Master of Arts, Professional and School Counseling
 School Psychological Examiner Certificate

Note: In all divisions individualized degrees may be developed on a contract basis for interdisciplinary specialties.

THE MISSION OF LINDENWOOD

The following mission statement of Lindenwood College was affirmed by the Board of Directors on February 17, 1987.

Lindenwood College is an independent, liberal arts college with a covenantal relationship with the Presbyterian Church. It is committed to the values inherent in the Judeo-Christian tradition and believes in the importance of a value-oriented education for all of its students.

The College offers a wide range of undergraduate majors, both in the disciplines of the traditional liberal arts and sciences and in career-oriented areas. Its distinctive and flexible educational programs, offered in both traditional and innovative formats, are designed to meet the individual needs of a diverse student body which includes both traditional and non-traditional college-age students. The College also offers a number of graduate programs which are intended to meet the needs of working adults in the St. Louis metropolitan area.

Lindenwood College, founded in 1827, has a distinguished tradition as a residential college and its alumni have strong ties with their alma mater. The College appreciates the support of her graduates and seeks to foster and preserve the spirit of the campus experience through alumni activities. Today, the College continues to offer a strong residential life program in the belief that the residential experience can contribute significantly to the academic and personal development of its students.

The College affirms its commitment to the principles of a liberal arts education and to the development of the whole person. To these ends, we seek to

... introduce students to the abiding values, knowledge, skills, and issues that shaped great cultures and civilizations and, in this context, to nurture the process whereby an individual acquires useful guidelines for determining responsible decisions and actions;...encourage students to develop the capacities for examining, evaluating, and understanding themselves and others, as well as their relationship with their environment;

... encourage an understanding of the intellectual disciplines and creative endeavors that have served humanity throughout history;

... provide a variety of educational experiences through which students acquire information and abilities relevant to their chosen area of life-work;

... develop within students a critical awareness of the impact of scientific, technological, economic, literary, political, artistic, and social-scientific developments;

... promote respect of persons for each other, understanding of divergent views, ethical and intellectual integrity, empathy, a concern for justice and an appreciation of life-enhancing activity;

... prepare individuals for continuing their self-education and for engaging in rewarding work and service;

... foster responsiveness to social issues and concerns which face the local, national and world communities; and

... encourage the work-service experience as part of the learning process and as a valuable dimension to a liberal arts education.

As a community encompassing students, faculty, administrators, staff, alumni and friends of Lindenwood College, we are dedicated to a spirit of open and earnest inquiry and of dialogue among disciplines to academic freedom and to personal responsibility and to high academic standards and the pursuit of excellence. We are a community marked by collegiality, a genuine concern for one another and a desire to be of service to larger community of which we are a part.

HISTORIC LINDENWOOD

Founded in 1827, Lindenwood College is one of the oldest institutions of higher learning in the United States and the second oldest west of the Mississippi River.

Its founders, Major George C. and Mary Easton Sibley, began a liberal arts school for young women, which has served as a nucleus around which other programs have clustered for over 160 years. The original College for women was expanded in 1969 to include men.

Lindenwood's day program is fully integrated, offering co-educational experiences and serving both full- and part-time students with a variety of liberal arts offerings leading to baccalaureate and master's degrees.

In 1972 the Evening College was formed offering a full range of courses and instruction at both the undergraduate and graduate levels to those students such as working adults who cannot attend day classes. The Evening College has been expanded in recent years to serve students at various sites in the metropolitan St. Louis area as well as at the main campus in St. Charles.

Following the formation of the Evening College, the Lindenwood College for Individualized Education (LCIE) was created in 1975 to offer individually-designed programs of study at the undergraduate levels. Cited as a "model program" in the United States, LCIE provides students with full-time undergraduate and graduate instruction through participation in cluster groups, workshops, colloquia and supervised internships. Today, these varied programs form the cluster of educational endeavors that is Lindenwood College—an historic institution currently serving over 2,500 students in undergraduate degree programs.

UNDERGRADUATE ADMISSIONS

The standards of admission to Lindenwood College are selective, yet flexible. We do expect our applicants to have a sound academic preparation for college, but we carefully examine each applicant's record to determine whether or not the student has the potential to be successful at Lindenwood.

Lindenwood College consciously seeks a diverse student body and welcomes applicants from a variety of socio-economic, religious, and ethnic backgrounds. We also value geographical diversity and welcome international students to our campus.

The Dean of Admissions invites correspondence from prospective students, their parents, and school counselors.



SELECTION CRITERIA

Candidates applying to Lindenwood College will be evaluated individually by the Dean of Admissions. Lindenwood recommends at least 16 units of high school study in solid academic areas, (one year in a particular subject is considered an academic unit). While no single academic preparation is required, a college preparatory curriculum is preferred. Therefore, a student's high school record should reflect study of English for four years and two or three years each of natural science, mathematics, and social studies. The College also recommends two years of study in a foreign language as well as some study in the areas of fine or performing arts.

APPLICATION PROCEDURES

To be considered for admission to the College, an applicant's file must include: 1. A completed and signed application form with the \$25.00 application fee (non-refundable). Checks or money orders should be made payable to Lindenwood College. In cases of financial hardship, the fee may be postponed until enrollment. This postponement may be requested by the high school counselor or an appropriate agency official.

2. Official transcript, indicating graduation, from the last high school attended. A copy of the student's General Education Development (GED) certificate may be provided in lieu of the high school transcript. Transfer students who have successfully completed a two-year program that is acceptable for full credit toward a bachelor's degree may not be required to submit their high school transcript. Candidates who do not have a high school diploma or its recognized equivalent, must achieve a passing score on the ACT Assessment Test.

3. Results of either the ACT or SAT. Contact the Admissions Office or your high school counselor for an application and scheduled dates for these examinations. Lindenwood's code number is 2324 for the ACT or 6367 for the SAT. Transfer students with 30 or more hours of credit and applicants who have been out of high school for five or more years may not be required to furnish scores from standardized tests, although they are recommended. Satisfactory standardized test scores are required for all students majoring in Education.

4. An autobiographical statement or essay is required of all students seeking admission to the LCIE program only. This requirement may be waived in certain instances, as determined by the Director of Evening Admissions.

INTERNATIONAL STUDENTS

All International Students are required to submit the following:

1. A completed and signed International Student Application.

2. A \$25.00 (non-refundable) application fee. Checks or money orders should be made payable to Lindenwood College. In case of financial hardship, the fee may be postponed until enrollment. A request to postpone the fee should be sent to the student's admissions counselor for consideration by the Dean of Admissions.

3. Proof of English language proficiency as evidenced by one of the following: a) A TOEFL score of at least 500 for undergraduate and 550 for graduate students; b) successful completion of a secondary or college level course of study in which English is the language of instruction, or c) other evidence of English language proficiency.

4. Results of the ACT/SAT (standardized American tests) are recommended but not required for all undergraduate students. The ACT is required for all Education majors and may be taken at Lindenwood.

5. Official transcripts, or a notarized copy of transcripts, from all secondary schools and colleges or universities attended. All transcripts MUST be accompanied by an English translation. Transcripts should be sent directly to Lindenwood from your previous school(s).

6. An autobiographical statement or essay.

7. Two letters of recommendation (graduate students only)

8. A Statement of Personal Finances or a Statement of Personal Finances and Assurance attesting to the student's or sponsor's ability and commitment to pay tuition, fees, and living expenses for one year. Either statement must indicate the exact amount available for support. The amount should be equal to or greater than the tuition and living expenses for one academic year. Either statement must be accompanied by a certified bank letter.

9. An enrollment deposit as described below.

All the steps in the Application Procedures must be completed before Lindenwood will issue an I-20 form. At this time, the I-20 is the only form Lindenwood College is authorized to issue to International Students.

First-year international students are required to take room and board on campus. Any waiver of this requirement will only be granted under exceptional circumstances. Written requests for a waiver of this requirement should be addressed to the Dean of Admissions and Financial Aid.

STUDENT EXPENSES

1991-92 Academic Year

Full-time undergraduate (12 or more credit hours)

Semester Schedule
\$8,100 per year
\$4,050 semester

Quarter Schedule
Lindenwood College for Individualized Education
Undergraduate \$1,485 per term
Graduate \$1,665 per term

PART-TIME TUITION

Semester Schedule
Undergraduate \$250 per cr hr
Graduate \$185 per cr hr

Quarter Schedule
Undergraduate \$165 per cr hr
Graduate \$185 per cr hr

ROOM Charges \$2,200 per year

BOARD Charges \$2,200 per year

ENROLLMENT DEPOSIT

Resident students are expected to pay a \$150 non-refundable fee to reserve their rooms. After the semester charges have been paid, the room reservation fee becomes a refundable room damage deposit.

An additional charge will be added for all single rooms in the dormitories and/or apartment/house living quarters (on a space-availability basis.)

When students have been accepted for admission, students, parents and/or guardians accept all the conditions of payment as well as all the regulations of the College. In making the initial payment of \$150 the student and his parent or guardian acknowledge these terms and signify acceptance of these obligations. No promise or contract that differs from these terms shall bind the College unless it has been signed by the Chief Operating Officer of Lindenwood College. The College reserves the right to increase or reduce fees each year according to changes in fiscal conditions. If a student withdraws prior to the beginning of a term, all payments except the initial \$150 non-refundable room reservation deposit will be refunded.

ADDITIONAL CHARGES

Additional charges, when applicable include:

Student Activity Fee \$40 per semester
Laboratory Fees \$40 per course
Studio Fees \$60 per course
Student Teaching Fee \$150
Experiential Learning Processing Fee (one-time-only charge) \$200
Experiential Learning Credit \$50 per credit hour
Applied Music Fee \$125 per half-hour
(For individual lessons in piano, voice, orchestral instruments and organ; one semester hour credit)
Applied Music Fee \$250 per hour
(For individual lessons in piano, voice, orchestral instruments and organ; two semester hours credit.)
Overload Fee (Except LCIE) \$200 per hour
(A charge to full-time students who take more than 18 hours)
Graduation/Diploma Fee \$100 (undergraduate)
\$120 (graduate)



Students are expected to pay tuition charges prior to the beginning of each term. Students may use financial aid (grants and loans) as payment. Student Aid Reports and loan application should be submitted to the Financial Aid Office prior to the beginning of each term.

PAYMENT OPTIONS

Corporate Promissory Note: The Corporate Promissory Note is available to students who work for companies that have tuition reimbursement plans. The amount of the promissory note cannot exceed the amount the employer pays for tuition for each term. There is a \$25 origination fee for the promissory note except in those cases where the company pays the College directly. In those cases, the fee is waived. The due date for all promissory notes is 45 days following the conclusion of the term for which the note applies.

Deferred Payment Plan (DPP): The DPP offers the option for students to pay their tuition in installments. It is available to Day and Evening students and/or their parents. There is an origination fee that must be paid when the agreement is executed. The fee is based on the amount of the unpaid balance. The DPP may be not be used in conjunction with the Corporate Promissory Note.

Any payment or financial aid received prior to the promissory note or deferred payment plan due dates will be applied to any balance appearing on the student's account.

DELINQUENT ACCOUNTS

Students must meet all financial obligations to the College in order to qualify for continued enrollment or graduation.

This means that, each semester or term, each student must pay all money due to the College, including tuition, fees, traffic fines, library fines, and any other financial obligation.

Students with delinquent accounts can expect the following:

1. Registration for a succeeding term will not be allowed.
2. Grades for the current term will be held.
3. A transcript will not be issued.
4. The student will not be permitted to graduate.

WITHDRAWAL & REFUND

Students wishing to withdraw from Lindenwood College should contact both the Registrar's Office, and the Office of Financial Aid. In order to receive the proper refund, any notification of withdrawal or cancellation and requests for refund should be made in writing. Students should submit a "Notice of Withdrawal Form" to the Registrar's Office. Calculations of refunds or tuition adjustment shall be based on the student's last date of attendance.

The following policy is effective for all students enrolled in the Semester and Trimester Schedule of the College. If a student withdraws prior to the beginning of a semester, all payments except the initial \$150 non-refundable room reservation deposit

will be refunded. The refund for tuition fees including overload charges for the Fall and Spring Semesters is as follows:

| | |
|---------------------------------------|-----------|
| Withdrawal during first two weeks | 75% |
| Withdrawal during third week of term | 50% |
| Withdrawal during fourth week of term | 25% |
| Withdrawal after fourth week of term | No Refund |

The Quarter tuition refund schedule is as follows:

| | |
|-------------------------------------|-----------|
| Withdrawal before first class meets | 100% |
| Withdrawal before 2nd class meets | 75% |
| Withdrawal before 3rd class meets | 50% |
| After 3rd class meets | No Refund |

No refund for room charges will be made for a term after a student has occupied the room. Board charges will be refunded on a pro-rata basis, less \$100 for a student who withdraws totally.

Application, activity, lab and miscellaneous fees and room reservation deposits are non-refundable, except as indicated under "Enrollment Deposit" above.

APPEALS

Appeals on withdrawal and refund calculations for students and parents who feel the individual circumstances warrant exceptions from published policy should be addressed to the Business Office Controller.

In order to appeal a decision, the student must submit a written request to the Business Office Controller including any evidence which would substantiate the appeal.

REFUND DISTRIBUTION OF FINANCIAL AID

After the amount of the refund has been calculated, the Financial Aid Office will determine the Title IV refund amounts according to the calculation schedule approved by the Secretary of Education. Refunds to specific Title IV programs will be made to the following programs in the order outlined: (1) Supplemental Educational Opportunity Grant (SEOG), (2) Perkins Loan, (3) Stafford Guaranteed Loan (GSL), (4) Pell Grant. Any remaining refund will be made first to the Missouri Student Grant Program and then the Lindenwood Scholarship Program.

No Title IV program may receive a portion of the Federal refund amount if that program was not part of the student's original package.

CASH DISBURSEMENTS

When a student officially or unofficially withdraws from school and has received a cash disbursement for educational expenses that exceed non-institutional costs of education up to that time, the student owes the excess amount to the Title IV program(s) which helped meet the student's educational costs. Lindenwood College will follow the same procedures used in the refund policy to determine which Title IV program(s) will receive the student-owed repayment.

The College will notify, bill, and collect from the student the amount owed the Title IV program(s).

FINANCIAL ASSISTANCE

Financial aid is available to all qualified students. Financial need may be met through a combination of state, federal and institutional aid. Federal grants are outlined below. Institutional awards and grants are offered in the areas of academics, leadership, athletics, drama, music and art.

The Lindenwood College financial aid program provides assistance to students with financial need who would otherwise be unable to receive an undergraduate education. The primary responsibility for paying the student's education expenses rests with the student and his/her family, and the College expects both the student and his/her parent(s) to make a realistic contribution to meet these costs. Financial aid is a supplement for those students and families who cannot afford the entire cost of a college education.

What the student is expected to pay is determined by a standard analysis of the financial statement the student and his/her family must file. Lindenwood College accepts either the Family Financial Statement (FFS) or the Financial Aid Form (FAF) or the Application for Federal Student Aid (AFSA). These forms are available from high school counselors and the Lindenwood College Financial Aid Office.

Financial need is calculated as the difference between the cost of attendance and the expected contribution from the student and his/her parent(s). Financial aid is an award from grant, loan, and/or work funds which will help meet this need.

SCHOLARSHIPS

A variety of scholarships are awarded to students who have excelled in fields of study, community activities or athletic competition. Lindenwood College's admissions counselors can advise prospective students of the full program of scholarship availability.

OLDER STUDENT SCHOLARSHIP

Lindenwood College offers a 50% scholarship to all persons age 55 and over. This scholarship applies to the tuition for credit classes and does not apply to courses that are audited.

STUDENT EMPLOYMENT

Full-time resident students are able to defray a portion of their College costs by participating in the Lindenwood College "Work and Learn" Program on campus. Generally, compensation which would otherwise be provided for this work is instead credited against the student's account.

TYPES OF FEDERAL FINANCIAL AID

PELL GRANT

Eligibility and the grant amount are determined by the Pell Grant processor.

The student must submit the Family Financial Statement (FFS), the Financial Aid Form (FAF), or the Application for Federal Student Aid (AFSA) and request that pertinent financial data be sent to the Pell Grant processing agency for determination of eligibility. The results are forwarded to the student in the form of a Student Aid Report (SAR) which must then be sent to the Lindenwood College Financial Aid Office.

SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (SEOG)

Eligibility for this grant depends upon the extent of a family's inability to pay the educational costs. It is determined by an analysis of the family's financial situation, as reported on the FFS or FAF.

COLLEGE WORK-STUDY PROGRAM (CWSP)

This program provides work opportunities for needy students. Eligibility is dependent upon the extent of financial need, as determined by an analysis of the FAF, FFS, or AFSA. If a student is awarded work-study funds as part of the financial aid package, that student may seek employment on campus. Ordinarily a student will work ten hours per week while attending school. Wages are \$5.00 per hour.

PERKINS LOANS (FORMERLY NATIONAL DIRECT STUDENT LOAN)

This is a federal loan to students at an interest rate of 5% repayable nine months after graduation, after termination of an academic program, or after enrolling for fewer than six credit hours during a semester. The maximum aggregate amount of loans an eligible student may borrow is limited to \$9,000 as an undergraduate for a combined total not to exceed \$18,000.

Repayment extends over a maximum of 10 years at a minimum monthly payment of \$30. This loan is administered by the Lindenwood College Financial Aid Office and does not require a separate application other than the FFS or FAF.

ROBERT T. STAFFORD GUARANTEED STUDENT LOANS (GSL)

The Federal government guarantees loans from \$2,625 to \$4,000 for eligible undergraduates and up to \$7,500 for eligible graduate students per academic year. These loans are made by private lending institutions.

Eligible GSL Borrower Limits:

| | |
|--------------------------------|----------|
| <i>Undergraduate Study</i> | |
| 1st and 2nd year of study | |
| \$2,625/academic yr. | |
| 3rd, 4th and 5th year of study | |
| \$4,000/academic yr. | |
| Cumulative Limit | \$17,250 |
| <i>Graduate Study</i> | |
| \$7,500/academic yr. | |
| Cumulative Limit | \$54,750 |

The loan limits are for loans to cover periods of enrollment beginning on or after January 1, 1987.

GSL's currently carry an 8% simple interest rate, which the Federal government pays while an eligible student borrower is enrolled in college at least half-time. Student borrowers will pay a 5% origination fee and up to a 3% insurance premium will be charged. These charges will be deducted up-front from the loan principal.

Students must file an approved standard need analysis to determine their eligibility. Lindenwood College accepts either the family Financial Statement (FFS) or the Financial Aid Form (FAF) or the Application for Federal Student Aid (AFSA).

A student can obtain an application form for the Guaranteed Student Loan from the Lindenwood College Financial Aid Office.

PARENT LOANS TO UNDERGRADUATE STUDENTS (PLUS)

Parents may borrow for either dependent undergraduate or dependent graduate and professional students. The maximum amount a parent may borrow on behalf of each eligible student is \$4,000 per academic year, with an aggregate loan maximum for each eligible student of \$20,000. These loan limits do not include amounts borrowed by a student under the GSL or SLS programs. PLUS loans do not qualify for interest benefits. PLUS interest rates are the same as SLS loans.

SUPPLEMENTAL LOANS TO STUDENTS (SLS)

Supplemental loans to students provides for a maximum loan of \$4,000 an aggregate loan limit of \$20,000 and provides that such loan limits do not include amounts borrowed under the GSL or PLUS programs. Graduate and professional students or independent undergraduate students are eligible to borrow. Loans made under SLS are not eligible for interest benefits. Repayment is to begin within 60 days after disbursement, except that the borrower is entitled to a certain deferment (contact your lender) of repayment of principal. The interest rate for SLS loans made for periods of enrollment beginning before July 1, 1987 is 12%. SLS and PLUS loans made for periods of enrollment on or after July 1, 1987, will have a variable interest rate.

The variable interest rate for any calendar year will be equal to the bond equivalent rate of 52-week Treasury bills auctioned at the final auction prior to June 1, plus 3.25%. However, the rate may not exceed 12%.

TYPES OF STATE FINANCIAL AID

Missouri Student Grant Program

The Missouri Student Grant Program is a program available to Missouri residents who attend eligible institutions in the State of Missouri. Lindenwood College is an eligible institution where students receive up to \$1500 an academic year. Students may apply for the Missouri Student Grant Program on the FFS, FAF, or Missouri-specific single file forms by completing the Missouri Student Grant Section and paying the required fee.

Missouri Higher Education Academic Scholarship Program

The Missouri Higher Education Academic Scholarship Program is available to Missouri residents who have a composite score on either the ACT or SAT tests which places them in the top 3% of all Missouri students taking those tests. The Scholarship is renewable for up to four years for Missouri residents who enroll as full-time undergraduate students at an approved institution for the period of the scholarship. Lindenwood College is an approved eligible institution. Students will be notified by the Missouri Department of Higher Education as to their eligibility.

Missouri Teacher Education Scholarship

Eligible applicants for the Missouri Teacher Education Scholarship Program are defined as residents of Missouri who:

1. Are high school seniors, college freshman, or college sophomores enrolled in a four-year college or university located in Missouri, or students enrolled in a junior or community college located in Missouri;
2. Make a commitment to pursue an approved teacher education program and enroll as full-time students in a four-year college or university in Missouri;
3. Have achieved scores on an accepted nationally-normed test of academic ability such as the Scholastic Aptitude Test (SAT), the American College Test (ACT), or the School-College Ability Test (SCAT) which place them at or above the 85th percentile or have achieved a high school grade point average which ranks them in the upper 15% of their high school graduating class as calculated at the end of the sixth semester.

Applications are available through high school counselors or financial aid offices throughout the state of Missouri.

VETERANS' BENEFITS

Veterans who believe they may be eligible for benefits can receive information and applications through the V.A. Coordinator at the College. Educational Assistance is also provided to widows or children of veterans who died in service or as a result of service-related injuries.

Wives and children of disabled veterans are also eligible for assistance.

It is the responsibility for the student to notify the V.A. Coordinator of any changes in their class schedule. The Registrar's Office promptly reports to the Veterans Administration when notified that a veteran is no longer attending class, is making unsatisfactory progress, or has withdrawn from a class or from studies.

See also "Veteran's Benefits" in Undergraduate Academic Procedures section for additional guidelines.

VOCATIONAL REHABILITATION

Assistance may be available for students with disabilities. Students should contact their regional office of Vocational Rehabilitation in regard to benefits. Students may contact the Lindenwood College Financial Aid Office if they have questions.



Quarter System

| | |
|-------------------------------------|---------------------|
| Undergraduate & LCIE Undergraduate: | |
| 9 semester hours | full time |
| 8 semester hours | three quarter time |
| 6-7 semester hours | half time |
| 1-5 semester hours | less than half time |

Graduate students:

| | |
|--------------------|---------------------|
| 9 semester hours | full time |
| 5-8 semester hours | half time |
| 1-4 semester hours | less than half time |

Culminating Project and Thesis Project Extensions
Course extensions (including Culminating Project Extensions and Thesis Extensions) are not considered as "hours enrolled" for purposes of this policy and are therefore less than half time.

One hundred and twenty (120) semester hours are necessary to complete a bachelor's degree. Missouri students expecting to qualify for Missouri State Grant funds are required by the State to be enrolled in a minimum of 12 hours per semester or eight hours per quarter.

A full-time student in the day program may carry a maximum of 18 hours per semester without additional charge with the exception of fees noted for some courses.

Hours in excess of 18 during a semester are subject to an overload fee and must be approved by the appropriate division dean.

ADVANCED STANDING

Advanced standing is the administrative placement of students beyond introductory courses in a curriculum allowing credit for work done in other institutions, or giving credit for examinations or other evidence of learning outside the college setting. Students must submit transcripts of previous academic study, results of examinations or proof of occupational experience to be granted advanced standing.

PROFICIENCY EXAMINATION

Most undergraduate courses at Lindenwood College may be challenged by examination. Exceptions include, but are not necessarily limited to the following: student teaching, internships, studio courses, laboratory courses, and private music lessons. In addition, students may not receive credit for courses they previously have audited or attended unofficially.

Students who pass a proficiency examination have two options. They are as follows:

1. No credit is granted. However, any requirement involving the particular courses is waived.
2. Course credit is granted and posted on the transcript. The cumulative grade point average is not affected because no grade is recorded for a course completed in this manner. An administrative fee of \$50* per credit is charged and must be paid before the credit is posted to the transcript.

*Note: This fee is subject to change. Please consult the fee schedule for current rates.

INTERNSHIPS

Internships are available in most areas of study and provide the opportunity for students to obtain academic credit through an out-of-classroom work experience. To be eligible for an internship, students must be of Junior standing; have a cumulative grade point average of at least 3.0; and have a cumulative grade point average of 3.0 in the major, if the internship is in the major. Students interested in applying for an internship should contact their faculty advisor for additional information.

CONTRACT DEGREE

The contract degree program is designed to serve students whose educational or personal objectives cannot be met through one of the standard Lindenwood programs, but for which the College can provide faculty and other resources. The basic degree requirements for all bachelor degrees shall be maintained. These include 120 semester hours for graduation, standard grading practices, and all applicable general educational requirements. The student for whom a contract is formulated shall have completed at least 30 semester hours of college credit and be in good academic standing.

Procedures

1. The student will work with a faculty advisor to develop a degree plan.
2. The completed plan will be submitted to the Division Dean(s) for critique.
3. Proposed contract degrees shall be submitted to the Council of Deans with the recommendation of the attendant Division Dean(s).
4. The decision of the Council of Deans shall be reported to the President in the form of a recommendation for the President's approval and signature.
5. The approved contract degree proposal shall be recorded in the minutes of the Council of Deans and reported to the student and the faculty advisor by the appropriate Division Dean.
6. Changes in a contract degree program shall follow the same approval process.
7. Up-to-date contract degree program shall be made a part of the student's file in the Registrar's Office.

ATTENDANCE

All students at Lindenwood College are expected to attend all classes and class activities for which they have enrolled. If classes are missed, a student is expected to make up the work to the satisfaction of the instructors concerned.

At times, absence from class may be unavoidable--as in instances of prolonged illness, hospitalization, or participation in an approved student activity. A student who has been hospitalized should submit a doctor's verification to the Registrar, who will notify instructors. The sponsor of an approved college activity where students will miss classes will provide the Registrar with a list of participating students, and instructors will be informed of their approved absences. This list of students will normally be submitted to the Registrar for approval at least five class days before the date of the activity.

In case of unsatisfactory work due to excessive absences from class, the instructor may give ample warning to the student that his/her work is unsatisfactory and may report a final grade of "F" to the Registrar.

Persons receiving benefits from the Veterans Administration are governed by special regulations concerning class attendance (See Veterans Benefits.)

CALENDAR

Lindenwood College uses different calendars for different programs of the College. The on-campus day program and selected graduate degree programs are on a semester calendar. Fall semester begins just before Labor Day and ends before Christmas. Spring semester begins in January and ends in early May. Most evening classes, use a year-round quarter calendar. Graduate classes in counseling are offered on the trimester schedule. All academic credit is given in semester hours.

COURSE NUMBERS

- Course numbers used at Lindenwood indicate the following:
- 051-053 A skill development course.
 - 100-199 An introductory course open to all students without prerequisites.
 - 200-299 A more specialized course normally open to all students.
 - 300-399 Advanced courses normally having prerequisites.
 - 391, 392, and 393 Undergraduate, independent study courses.
 - 400-499 Senior level courses.
 - 450 Internship.
 - 500-600 Graduate courses.

DEAN'S LIST

Immediately following the end of the Fall and Spring semesters, the Dean of Academic Services announces the names of full-time students who have achieved a grade point average 3.5 or above.

DISMISSAL

The College reserves the right at any time to request the withdrawal of a student who is unable to meet academic standards or whose continuance in college is felt to endanger the student's own health or that of others, or who does not observe the social regulations and standards of the conduct of the College.



GRADING SYSTEM

Students may earn grades of A, B, C, D, F, W, WP, WF, UW, NG, INC and Audit. A mark of "A" represents work outstanding in quality; it indicates that the student has shown initiative, skill and thoroughness, and has displayed originality in thinking. The "B" grade is awarded for work of high quality, well above average. The grade of "C" indicates average work and satisfactory completion of course requirements. The "D" grade represents work below the average in quality. Although this grade indicates minimal capability in a subject, credit is given. An "F" grade indicates one's course work has been unsatisfactory and no credit is given.

An undergraduate student who has received a "D" or "F" in a course may repeat the course. Only the second grade earned will be used in the calculation of the grade point average.

A grade of "INC" (incomplete) is given at the end of a term or semester only for failure to complete course work because of exceptional circumstances beyond the student's control. To receive an "INC," a student must initiate a request petition obtained in the Registrar's Office and receive the approval of the instructor and the appropriate division dean. Such approval must be obtained before the final examination is given in the course. An "INC" grade must be resolved within six weeks of the beginning of the next semester, quarter, or trimester; otherwise it automatically becomes an "F".

Any request to extend the time needed to complete an "INC" must be submitted to the Registrar no later than two weeks before the date the grade is due. Such requests will then be sent to the appropriate division dean to be considered for approval.

WITHDRAWALS:

1. The deadline for withdrawals shall be a date for each term as set annually on the Academic Calendar.
2. Students who withdraw from a course before the deadline will receive a grade of "W", which indicates an official withdrawal.
3. Students who are permitted to withdraw after the deadline will receive a grade of either "WP" (withdrew passing) or "WF" (withdrew failing). Neither grade will affect the students' grade point average.

UNAUTHORIZED WITHDRAWAL:

This grade is for use when students stop attending a particular class but do not withdraw from the course. The grade of "UW" is treated as a grade of "F" in the calculation of the student's grade point average.

NO GRADE:

An administrative grade assigned by the Registrar when final course grades have not been submitted prior to running term grades. Under normal circumstances, the "NG" grade will be cleared within two weeks from the end of the term. Faculty members are not authorized to submit a grade of "NG".

Some academic activities such as practica, internships, residencies and thesis projects are graded on the basis of Pass/Fail. The grade of "P" denotes successful completion of the assigned requirements for the aforementioned academic activity courses.

Grade reports are issued to all students at the end of each semester or term. Deficient ("D") and Failing ("F") warning notices are sent to the student, his/her advisor, and the appropriate academic dean after the midterm period. Cumulative records are maintained for each student on individual transcripts.

Lindenwood College operates under the 4.0 grading system. An "A" carries 4 quality points; a "B," 3 quality points; a "C," 2 quality points; a "D," 1 quality point. A grade of "F" carries no quality points, and no credit. Thus, a course worth 3 semester hours in which a student earned an "A" would merit 12 quality points. The grade point average is computed by dividing the total number of quality points earned by the total number of semester hours attempted. Only grades earned at Lindenwood are used in computing the grade-point average.

GRIEVANCE PROCEDURE

Students who wish to appeal a final grade will normally first contact the course instructor. If the matter cannot be resolved at that level, the student may appeal in writing to the appropriate Division Dean or Dean of Academic Services. An Academic Grievance Committee may be convened to hear academic grievances concerning grades and other academic matters before a recommendation is made to the President for review by the President or his designee. Information about any of these procedures is available through the Dean of Academic Services. Notice of intent to file a grievance must be made in writing to the appropriate Division Dean or Dean of Academic Services within six weeks of receipt of the grade. Changes under this procedure will only be made during the term immediately following the term in which the disputed grade was given.

RE-ADMISSION

In all cases in which students have attended Lindenwood College but have withdrawn voluntarily, an application must be made to the Dean of Admissions and Financial Aid. Re-admission may be granted if the student presents clear evidence of ability and motivation to continue successful college work. Any student who has left the college for one full year or more must be re-admitted under the catalog in effect at the time of re-admission. All current requirements must then be met.

RESIDENCY

An undergraduate student not previously enrolled at Lindenwood College must complete their last 30 semester hours at Lindenwood, 15 of which must be in the major as approved by the student's advisor.

CLASSIFICATION OF STUDENTS

Academic progress is calculated in semester hours. To be classified as a sophomore, a student must have successfully completed at least 24 hours; to be classified as a junior, a student must have successfully completed at least 54 hours, and to be classified as a senior, at least 84 hours. The classification of a student is changed only at the end of a regular college semester or term.

SCHOLARSHIP STANDARDS

The following standards of scholarship have been established by the faculty of Lindenwood College:

1. To qualify for graduation, an undergraduate student must attain a cumulative grade point average no lower than 2.00. Failure to maintain established standards of scholarship will result in probation, suspension, or dismissal from the College.

2. Academic Warning will be given to any student not suspended or placed on probation whose term G.P.A. is below 2.00.

3. A student will be placed on probation at the end of any term in which he/she falls below the established standards. If that standard is not attained by the end of the following term, the student may be suspended or dismissed from the College.

4. A student enrolled in 6 or more credit hours who fails to achieve a 1.00 average in the course work of any term will be suspended.

5. A student on academic probation may not receive a grade of incomplete (INC).

6. A student who has earned 0-24 credits must attain a 1.60 grade point average. A student who has earned 25-54 credits must achieve a 1.80 average. A student who has earned 55-84 credits must achieve a 1.90 average, and a student who has earned 85 or more credits must attain at least a 2.00 to maintain acceptable academic progress. Failure to make the aforementioned academic progress at the end of any term will result in academic probation.

Academic probation means that a student is not in good standing and is subject to suspension or dismissal if the student's work does not reach a satisfactory level.

Academic suspension is normally for one term. A student who has been suspended may apply for re-admission. Re-admitted students will enter on probation and be obligated to the requirements in the catalog in effect at the time of the re-admission. Any re-admitted student failing to achieve the necessary grade point average by the end of the second term after re-admission may be permanently dismissed from the College.

Appeals of academic suspension and petitions for re-admission should be directed to the Dean of Academic Services for review by the President or his designee.

TRANSCRIPTS

All information in each student's college record folder is considered confidential information and is issued only to authorized individuals. Requests for official transcripts of the academic record from any individual or agency will not be filled until authorization has been received in writing from the individual student.

A fee of \$3.00 is charged for each transcript requested.

A transcript will not be issued when the student is delinquent in payment of tuition, has not returned library books, or when there are other unfulfilled obligations to the College.

A request for a transcript should be made either on a transcript request form or by letter to the Registrar's Office, including name, Social Security Number, date of attendance, and current address. Normal processing time for transcripts is 3-4 days.

In conformance with the Family Rights and Practice Act of 1974 (the Buckley Amendment), Lindenwood College has established a system to insure that students have complete access to their educational records and the right to challenge information they believe to be inaccurate or misleading. Information about these procedures can be obtained from the Registrar's Office.



GRADING SYSTEM

Students may earn grades of A, B, C, D, E, W, WP, WF, UW, NG, INC and Audit. A mark of "A" represents work outstanding in quality; it indicates that the student has shown initiative, skill and thoroughness, and has displayed originality in thinking. The "B" grade is awarded for work of high quality, well above average. The grade of "C" indicates average work and satisfactory completion of course requirements. The "D" grade represents work below the average in quality. Although this grade indicates minimal capability in a subject, credit is given. An "F" grade indicates one's course work has been unsatisfactory and no credit is given.

An undergraduate student who has received a "D" or "F" in a course may repeat the course. Only the second grade earned will be used in the calculation of the grade point average.

A grade of "INC" (incomplete) is given at the end of a term or semester only for failure to complete course work because of exceptional circumstances beyond the student's control. To receive an "INC," a student must initiate a request petition obtained in the Registrar's Office and receive the approval of the instructor and the appropriate division dean. Such approval must be obtained before the final examination is given in the course. An "INC" grade must be resolved within six weeks of the beginning of the next semester, quarter, or trimester; otherwise it automatically becomes an "F".

Any request to extend the time needed to complete an "INC" must be submitted to the Registrar no later than two weeks before the date the grade is due. Such requests will then be sent to the appropriate division dean to be considered for approval.

WITHDRAWALS:

1. The deadline for withdrawals shall be a date for each term as set annually on the Academic Calendar.
2. Students who withdraw from a course before the deadline will receive a grade of "W", which indicates an official withdrawal.
3. Students who are permitted to withdraw after the deadline will receive a grade of either "WP" (withdrew passing) or "WF" (withdrew failing). Neither grade will affect the students' grade point average.

UNAUTHORIZED WITHDRAWAL:

This grade is for use when students stop attending a particular class but do not withdraw from the course. The grade of "UW" is treated as a grade of "F" in the calculation of the student's grade point average.

NO GRADE:

An administrative grade assigned by the Registrar when final course grades have not been submitted prior to running term grades. Under normal circumstances, the "NG" grade will be cleared within two weeks from the end of the term. Faculty members are not authorized to submit a grade of "NG".

Some academic activities such as practica, internships, residencies and thesis projects are graded on the basis of Pass/Fail. The grade of "P" denotes successful completion of the assigned requirements for the aforementioned academic activity courses.

Grade reports are issued to all students at the end of each semester or term. Deficient ("D") and Failing ("F") warning notices are sent to the student, his/her advisor, and the appropriate academic dean after the midterm period. Cumulative records are maintained for each student on individual transcripts.

Lindenwood College operates under the 4.0 grading system. An "A" carries 4 quality points; a "B," 3 quality points; a "C," 2 quality points; a "D," 1 quality point. A grade of "F" carries no quality points, and no credit. Thus, a course worth 3 semester hours in which a student earned an "A" would merit 12 quality points. The grade point average is computed by dividing the total number of quality points earned by the total number of semester hours attempted. Only grades earned at Lindenwood are used in computing the grade-point average.

GRIEVANCE PROCEDURE

Students who wish to appeal a final grade will normally first contact the course instructor. If the matter cannot be resolved at that level, the student may appeal in writing to the appropriate Division Dean or Dean of Academic Services. An Academic Grievance Committee may be convened to hear academic grievances concerning grades and other academic matters before a recommendation is made to the President for review by the President or his designee. Information about any of these procedures is available through the Dean of Academic Services. Notice of intent to file a grievance must be made in writing to the appropriate Division Dean or Dean of Academic Services within six weeks of receipt of the grade. Changes under this procedure will only be made during the term immediately following the term in which the disputed grade was given.

RE-ADMISSION

In all cases in which students have attended Lindenwood College but have withdrawn voluntarily, an application must be made to the Dean of Admissions and Financial Aid. Re-admission may be granted if the student presents clear evidence of ability and motivation to continue successful college work. Any student who has left the college for one full year or more must be re-admitted under the catalog in effect at the time of re-admission. All current requirements must then be met.

RESIDENCY

An undergraduate student not previously enrolled at Lindenwood College must complete their last 30 semester hours at Lindenwood, 15 of which must be in the major as approved by the student's advisor.

CLASSIFICATION OF STUDENTS

Academic progress is calculated in semester hours. To be classified as a sophomore, a student must have successfully completed at least 24 hours; to be classified as a junior, a student must have successfully completed at least 54 hours, and to be classified as a senior, at least 84 hours. The classification of a student is changed only at the end of a regular college semester or term.

SCHOLARSHIP STANDARDS

The following standards of scholarship have been established by the faculty of Lindenwood College:

1. To qualify for graduation, an undergraduate student must attain a cumulative grade point average no lower than 2.00. Failure to maintain established standards of scholarship will result in probation, suspension, or dismissal from the College.

2. Academic Warning will be given to any student not suspended or placed on probation whose term G.P.A. is below 2.00.

3. A student will be placed on probation at the end of any term in which he/she falls below the established standards. If that standard is not attained by the end of the following term, the student may be suspended or dismissed from the College.

4. A student enrolled in 6 or more credit hours who fails to achieve a 1.00 average in the course work of any term will be suspended.

5. A student on academic probation may not receive a grade of incomplete (INC).

6. A student who has earned 0-24 credits must attain a 1.60 grade point average. A student who has earned 25-54 credits must achieve a 1.80 average. A student who has earned 55-84 credits must achieve a 1.90 average, and a student who has earned 85 or more credits must attain at least a 2.00 to maintain acceptable academic progress. Failure to make the aforementioned academic progress at the end of any term will result in academic probation.

Academic probation means that a student is not in good standing and is subject to suspension or dismissal if the student's work does not reach a satisfactory level.

Academic suspension is normally for one term. A student who has been suspended may apply for re-admission. Re-admitted students will enter on probation and be obligated to the requirements in the catalog in effect at the time of the re-admission. Any re-admitted student failing to achieve the necessary grade point average by the end of the second term after re-admission may be permanently dismissed from the College.

Appeals of academic suspension and petitions for re-admission should be directed to the Dean of Academic Services for review by the President or his designee.

TRANSCRIPTS

All information in each student's college record folder is considered confidential information and is issued only to authorized individuals. Requests for official transcripts of the academic record from any individual or agency will not be filled until authorization has been received in writing from the individual student.

A fee of \$3.00 is charged for each transcript requested.

A transcript will not be issued when the student is delinquent in payment of tuition, has not returned library books, or when there are other unfulfilled obligations to the College.

A request for a transcript should be made either on a transcript request form or by letter to the Registrar's Office, including name, Social Security Number, date of attendance, and current address. Normal processing time for transcripts is 3-4 days.

In conformance with the Family Rights and Practice Act of 1974 (the Buckley Amendment), Lindenwood College has established a system to insure that students have complete access to their educational records and the right to challenge information they believe to be inaccurate or misleading. Information about these procedures can be obtained from the Registrar's Office.

TRANSFER CREDITS FROM ANOTHER COLLEGE

Students transferring from an accredited college or university of higher education should submit official transcripts from each college attended to the Admissions Office along with the application for admission. An evaluation of transfer credit will be made by the Registrar only after all official documents have been received. Credit may be transferred from regionally-accredited institutions only. A maximum of 66 semester hours of credit is allowed from two-year institutions. A maximum of 90 semester hours of credit is allowed from other four-year institutions, or combination of institutions. If courses contain similar or like content and credit, and a passing grade has been earned, they will transfer as equivalents of this institution's courses and credits. If the content is unlike any course offered at Lindenwood but within our programmatic range of studies, elective credit may be granted. If the transfer credit is unrelated to any Lindenwood program, a maximum of 12 hours of elective credit may be granted. The appropriate department will determine if and how the evaluated transfer credit may be used to meet major and minor requirements.

A student at Lindenwood who wishes to take courses at another college or university while pursuing a degree at Lindenwood must first obtain permission for the transfer of these sources from the academic advisor and the Registrar. A Prior Approval form may be obtained from the Registrar's Office.

Credits accepted in transfer do not affect the student's grade point average at Lindenwood College.

VETERANS' BENEFITS

Because of requirements imposed by the Veterans Administration, and as a condition of being certified to receive benefits from the VA, the student receiving such benefits acknowledges the following policies which may differ from those required of other students at Lindenwood.

1. The College will notify the VA of all terminations, interruptions, or any change in semester-hour load within thirty days. This may change the benefits available to the student.

2. The student accepts the responsibility of notifying the Registrar, the VA Coordinator at the College, and his/her advisor immediately in case of withdrawal from any course.

3. The student accepts the responsibility of notifying his/her instructors of any expected absence from class. A student may be withdrawn by the College for any excessive absences.

4. The Veterans Administration will be informed that progress is no longer satisfactory with the accumulation of 12 or more hours of "F" grades.

5. LCIE students receiving benefits through the Veterans Administration must comply with the College's general policies regarding withdrawal, attendance, and satisfactory progress.

For additional information, see also "Veteran's Benefits" in the Financial Aid Section of this catalog.

CONSORTIUM PROGRAMS

Lindenwood College belongs to a consortium of colleges in Greater St. Louis. The consortium includes Fontbonne College, Maryville College, Missouri Baptist College, and Webster University. Full-time undergraduate Lindenwood students may enroll in courses offered at colleges in the consortium and count those hours as part of their Lindenwood degree program. No additional tuition cost is involved.

Lindenwood/Washington University Three-Two Plan Leading to an Engineering Degree

The Three-Two Plan is a program designed to enable Lindenwood students to complete three years of study in the liberal arts and then take a two-year intensive course at Sever Institute of Technology of the School of Engineering and Applied Science at Washington University.

During the three-year liberal arts phase of the program, the student may elect a major in any discipline as long as the following minimum requirements are met for entry into the engineering program:

1. A minimum grade average of B (courses with grade below C will not transfer).
2. Calculus through differential equations.
3. One year of Calculus-based physics.
4. One year of chemistry with laboratory
5. One course in computer programming (waived for electrical engineering)
6. At least six courses in humanities and social sciences, with three of those courses being in a single field.

7. For entry into chemical engineering, a one-year course in organic chemistry would have to be included.

Lindenwood students should be aware that admission to Sever Institute of Washington University cannot be guaranteed.

Options for the student during the two-year engineering phase include concentrations in:

- (1) Applied Mathematics and Computer Science; (2) chemical engineering; (3) Civil Engineering; (4) Electrical Engineering, and (5) Mechanical Engineering.

Lindenwood/Washington University Three-Two Plan Leading to a Master of Social Work Degree

Lindenwood College and the George Warren Brown School of Social Work at Washington University have a three-two arrangement by which qualified candidates may complete the baccalaureate degree at Lindenwood and the Master of Social Work degree at George Warren Brown in five years, rather than the normal six years. To accomplish this:

1. The student must complete all general education and departmental requirements for the Lindenwood degree in the first three years. Only electives may remain in the program at the time of entering the Master of Social Work program.

2. The student must have an outstanding academic record and must apply for admission to George Warren Brown School of Social Work prior to completion of the junior year.

3. Lindenwood will certify to George Warren Brown that the student has fulfilled all specific degree requirements and that the student will be eligible to graduate from Lindenwood on successful completion of the first year's work at the George Warren Brown School.

4. George Warren Brown will certify the successful completion of that first year's work to Lindenwood, and the student will be eligible to graduate from Lindenwood while continuing to be a student at the School of Social Work for an additional year.

JUNIOR YEAR ABROAD

Lindenwood College requires that all foreign study for which degree credit is given must contribute to the student's academic program. The student has two options:

1. An established program supervised by an American college or university with credits transferred back to Lindenwood;

2. Independent study, either under the direction of a member of the Lindenwood faculty or under foreign instruction recognized by the sponsoring member of the Lindenwood faculty, for which papers, examinations, or other acceptable indications of achievement are submitted to establish credit.

Either option must be approved by the Division at Lindenwood that will recommend credit.

To be eligible for a foreign study program, the student must: (1) Have junior standing, except in unusual cases; (2) Have a grade point average of 3.0 or higher; (3) Have facility in the spoken language of the country to which he or she is going; (4) Satisfy the committee approving the program that he or she has the maturity and self-reliance needed, and (5) Have a definite educational objective acceptable to the chairperson of the department that will recommend credit.

Applications for study abroad must be filed with the chairperson of the appropriate department by February 1 of the year preceding the proposed program. Final approval of the program and the credit to be granted after completion of the study rests with the Dean of Academic Services who acts on the recommendation of the department chairperson.

All responsibility for travel, finances, application for admission to a foreign institution where applicable, and other necessary arrangement rests with the student.

WASHINGTON, D.C. SEMESTER PROGRAM

Lindenwood is one of a limited number of liberal arts colleges invited by American University in Washington, D.C., to take part in its Washington Semester Program, in which students spend a semester in the nation's capitol studying and observing the national government in action and meeting with major policy-makers and other persons prominent in national and international affairs.

The appointment is restricted to students in their junior year. Selection is based on demonstrated abilities in scholarship and leadership. Costs of the program are borne by the student.

Students should apply to the Washington Semester advisor in their sophomore year.



Academic Course Offerings

ALL-COLLEGE Courses of Study

COL 051 FUNDAMENTALS OF READING (2) This course reintroduces the student to basic reading concepts, as well as provides a refresher course of study. By assignment.

COL 052 FUNDAMENTALS OF WRITING (2) This course reintroduces the student to basic writing concepts, as well as provides a refresher course of study in other areas of English, including sentence structure, spelling, and punctuation. By assignment.

COL 053 FUNDAMENTALS OF MATHEMATICS (2) This course reintroduces the student to basic math concepts, as well as provides a refresher course of study. By assignment.

COL 170/BA 170 (3). (See Business Administration)

COL 300 Focus on Modern Asia (3) This multidisciplinary course on Modern Asia will provide a context for understanding the distinctive cultural heritage of more than half of the world's population. The course will introduce recent technological, demographic, economic, social, political, religious, philosophical, linguistic, literary and artistic trends in various regions in Asia.

COL 310 Focus on Modern Europe (3) This multidisciplinary course on Modern Europe will provide a context for understanding the cultural heritage of the peoples of Europe and how that cultural heritage has shaped that continent's response to the problems of a world in which Europe no longer occupies the central position that it once did. The course will introduce students to recent political, economic, cultural, and demographic trends on the continent which give Europe and its various regions their distinctive cultural identity.

ANTHROPOLOGY

See Sociology/Anthropology

ART

Program Description

Bachelor of Arts and Bachelor of Fine Arts degrees offered. A Bachelor of Arts in Studio Art requires: A minimum of 27 hours in Studio Art and 9 hours in Art History including—ART 106, 108, 136; Three hours in Drawing; Three hours in Painting and Printmaking; Three hours in a three-dimensional study; Nine hours in electives toward an area of emphasis; and 9-15 hours in Art History.

A Bachelor of Arts in Art History requires: a minimum of 27 hours in Art History and 9 hours in Studio Art. Two years of a foreign language are a requirement of the major.

The Art History or Studio Art requirements may include independent study, field study and internships as part of the major program of study. Studio courses numbered at the 300-level and above may be repeated one or more times. Studio Art courses are not open for auditing.

The Bachelor of Fine Arts requires at least 45 hours in studio courses: ART 106, 108, 136; Three hours in photography; Nine hours in drawing; Three hours in Painting; Three hours in Printmaking and 6 hours in other two-dimensional courses; Nine hours in three-dimensional studies; 15 hours in Art History; and 3 or more hours in studio electives.

Consult Art Faculty for requirements for the minor in Studio Art and in Photography. Programs are available for a concentration in Art Education, a dual concentration in Fashion Marketing and Fashion Art, and a coordinated program between Art and Valuation Sciences.

Courses of Study

Art History

ART 210 Concepts in the Visual Arts (3) A study of selected works in the visual arts by examining the role which the arts have traditionally played in society, drawing upon examples from a variety of cultures and historical periods. Emphasis will be placed on the analysis and interpretation of works of art in varied media from the points of view of aesthetics, style, social function, and the expression of cultural values. Prerequisites: ENG 102 and HIS 100.

ART 225 History of Photography (3) A history of the artistic, technological, and sociological developments in photography from 1839 to the present. The role of photography as a major art form in the nineteenth and twentieth centuries will be evaluated.

ART 245 Art and Culture of Egypt (3) A study of the art, architecture, and literature of the Old, Middle, and New Kingdoms within the historical context of Egyptian culture.

ART 264 Art and Culture of Japan (3) A study of the art and literature of Japan in relation to the historical and aesthetic traditions which have enriched Japanese culture.

ART 354 Nineteenth Century Art (3) Neoclassicism, Romanticism, Realism, Impressionism, and Post-Impressionism in European and American art. Prerequisite: HIS 100.

ART 355 Pre-Columbian Art (3) A study of the arts and artifacts of Indian cultures of the United States Southwest, Mexico, and Central and South America. Prerequisite: HIS 100.

ART 356 Baroque Art (3) A study of the national and international aspects of the Baroque and Rococo styles in European Art. Prerequisite: HIS 100.

ART 357 Greek and Roman Art (3) A study of Aegean, Greek, and Roman art and architecture. Prerequisite: HIS 100.

ART 359 American Art I (3) A study of American art and architecture from colonial times to 1820 with an emphasis on European influences and the development of indigenous styles. Prerequisite: HIS 100.

ART 360 American Art II (3) A study of American art and architecture from 1820 to 1900. Prerequisite: HIS 100.

ART 361 Twentieth Century Art I (3) A study of the "isms" which define the styles of European and American art in the early twentieth century. Prerequisite: HIS 100.

ART 362 Twentieth Century Art II (3) A study of the major styles of the twentieth century from 1930 to the present with particular reference to the role of art in American culture. Prerequisite: HIS 100.

ART 368 Christian Art (3) A study of the arts of the Christian world from 300 to 1300 in relation to the cultures in which they have flourished. Early Christian, Byzantine, Carolingian, Ottonian, Romanesque, and Gothic styles are studied. Prerequisite: HIS 100.

ART 380 Renaissance Art I (3) The art of Italy and Northern Europe from 1300 to 1450 in relation to late Medieval and Renaissance cultures. Prerequisites: HIS 100.

ART 382 Renaissance Art II (3) The art of Italy and Northern Europe from 1450 to 1600 with consideration of the emerging High Renaissance and Mannerist styles. Prerequisite: HIS 100.

Studio Art

ART 106 Introduction to Design (3) An introductory course in the theory and practice of applying the elements of art and principles of composition to design problems. Lab fee.

ART 108/BFM 377 Color Theory and Design (3) A study of the properties of color and the optical effects in perception. The application of color theory through design problems using color papers and other media.

ART 136 Three-Dimensional Design (3) An exploration of three-dimensional space and design. Problems in the additive and subtractive processes will be concerned with open and closed space, mass, and volume. Basic fabrication skills are taught. Lab fee.

ART 181/COM 181 Beginning Still Photography (3) Study of photographic imagery and processes, including camera techniques and darkroom procedures. Emphasis on the creative use of photography. A 35MM SLR camera is desirable. Lab fee.

ART 200 Introduction to Painting (3) An introductory course to painting in varied media. Problems in composition, rendering of forms, color, and the techniques of painting. The course is directed toward the non-art major who wishes to attain basic skills in painting. Lab fee.

ART 217 Advertising Art (3) Design problems in layout, typography, and illustration are presented for solutions in relation to the theory and techniques of advertising design. This course may be repeated one or more times.



ART 218/BFM 378 Fashion Illustration (3) The application of varied drawing techniques and materials to the illustration of fashion figures for advertisements, catalogs, and other communications media. Previous course work in figure drawing is strongly recommended. Lab fee.

ART 219/BFM 477 Fashion Photography (3) The application of photography to the visual presentation of fashion. Problems in effective lighting, composition, developing and printing for fashion photography will be explored. The history of fashion images and trends and the business of fashion photography will be discussed. Lab fee. Prerequisite: ART 181 or other experience in photography.

ART 230 Introduction to Drawing (3) An introductory course to drawing in varied media. Problems in rendering objects, perspective, and spatial relationships, and drawing of the figure are presented. Varied media and techniques of drawing are introduced. The course is directed toward the non-art major who wishes to attain basic skills in drawing. Lab fee.

ART 240 Introduction to Ceramics (3) An introductory investigation of clay as a medium for creating functional and sculptural forms. Techniques are taught in wheel throwing, hand building, glazing, and kiln-firing. The student becomes familiar with historical and contemporary ceramics through lectures, exhibits, and visual aids. Studio fee.

ART 300 Painting (3) Painting in varied media with instruction and criticism appropriate to the need and level of the individual student. Lab fee. Prerequisites: ART 106 and 108 or 200, or consent of the instructor.

ART 313 Printmaking-Relief (3) Basic techniques in woodblock and linoleum block printing in black and white or color on a variety of papers and surfaces. Experimentation with found-object printing, embossing, and batik are also included. Lab fee. Prerequisite: ART 230 or 330.

ART 314 Printmaking-Silk Screen (3) The technique of silk screen printing as it relates to commercial art and the fine arts. The materials and techniques used in screen printing, including photographic processes, will be explored. The aesthetic properties of the silk screen print constitute the focus of the course. Lab fee. Prerequisite: ART 230 or 330.

ART 320 Sculpture (3) Sculpture in various media with instruction and criticism appropriate to the need and level of the individual student. Lab fee. Prerequisites: ART 136 and 330 or consent of the instructor.

ART 330 Drawing (3) Drawing in varied media with instruction and criticism appropriate to the need and level of the individual student. Lab fee. Prerequisite: ART 106, 136 or 230.

ART 333 Stained Glass: Techniques and Tradition (3) A course stressing the techniques of making stained glass pieces: windows, lampshades, and decorative articles. The history of colored glass and its application are briefly considered with field trips to studios and public buildings for first-hand study of the techniques and effects. Costs of materials will be the responsibility of the student. Prerequisite: Any Studio Art course.

ART 340 Ceramics (3) Studio experience creating with clay as a three-dimensional medium. Class projects are both functional and sculptural in nature allowing the student to perfect skills in wheel throwing, hand building, and kiln-firing. The student broadens an understanding of ceramics through guest workshops, lectures, field trips and visual aids. Studio fee. Prerequisites: ART 106 and 136 or 240.

ART 381/COM 381 Intermediate Still Photography (3) Creative experimentation in photography through studio and field assignments. Craft control through fuller understanding of exposure and development is emphasized. An introduction to color printing is included. Lab fee. Prerequisite: ART 181 or consent of instructor.

ART 385 Topics in Photography (3) Directed individual creativity or research in photography or photographically-derived image making. Lab fee. Prerequisite: ART 381 or consent of the instructor.

BIOLOGY

Program Description

Degrees offered include the Bachelor of Arts, Bachelor of Science and the major in Medical Technology. A minor in Biology is also available.

Requirements for the Major in Biology

The requirements of a Bachelor of Arts degree with a major in Biology will include:

1. Required courses (29-30 semester hours) in Biology as follows:

BIO 204 Introduction to Cell Biology (4)

BIO 234 Plant Biology (4)

BIO 262 Environmental Biology (4) or

BIO 365 General Ecology (4)

BIO 265 Biodiversity (4)

BIO 308 Genetics (4)

BIO 364 Evolution (3)

BIO 401 Biology Review (3)

BIO 402 Independent Research (3-4)

2. Biology electives (15-16 hours)

3. Other courses from Division of Natural Science and Mathematics (17 hours):

CHM 151 General Chemistry I (4)

CHM 152 General Chemistry II (4)

MTH 141 Basic Statistics (3)

MTH 151 College Algebra (or proficiency) (3)

MTH 160 Calculus Survey (3)

The requirements of a Bachelor of Science degree with a major in Biology will include:

1. Required courses (29-30 semester hours) in Biology as follows:

BIO 204 Introduction to Cell Biology (4)

BIO 234 Plant Biology (4)

BIO 262 Environmental Biology (4) or

BIO 365 General Ecology (4)

BIO 265 Biodiversity (4)

BIO 308 Genetics (4)

BIO 364 Evolution (3)

BIO 401 Biology Review (3)

BIO 402 Independent Research (3-4)

2. Biology focus electives (15-16 hours), to be chosen from the following areas: Plant Biology; Molecular Biology/Biochemistry; Ecology/Environmental Biology; or Biotechnology.

3. Other courses from Division of Natural Science and Mathematics (27 hours):

CHM 151 General Chemistry I (4)

CHM 152 General Chemistry II (4)

CHM 361 Organic Chemistry I (4)

CHM 362 Organic Chemistry II (4)

MTH 141 Basic Statistics (3)

MTH 171 Calculus I (4)

MTH 172 Calculus II (4)

Requirements for the Major in Medical Technology

A degree in Medical Technology qualifies the student to take the registry examination to become a certified Medical Technologist. The requirements for a bachelor's degree in Medical Technology include completion of a three-year liberal arts program and one year of internship training in a NAACLS accredited School of Medical Technology. Entrance into the internship program is competitive.

In addition to the internship year, Medical Technology students are required to take Cell Biology, two semesters of Comparative Vertebrate Anatomy and Physiology, one semester each of Microbiology, Genetics, Immunology, Parasitology, General Chemistry I and General Chemistry II, Organic Chemistry I, Organic Chemistry II and/or Biochemistry, and College Algebra.

Other supportive courses are strongly recommended and will be selected in advisement during the student's career. Medical Technology students frequently pursue a double major in Biology in the context of either a B.S. or B.A. liberal arts program.

Courses of Study

Biology

BIO 110 Principles in Biology (4) Examines historical development and current theory about cells, genetics, evolution and environmental biology. The course includes a recitation in chemistry to help students understand chemical foundations in biology. No Prereq.

BIO 112 Concepts in Biology I (4) Examines mechanisms of evolution, cellular biology, genetics, and ecology with emphasis on scientific thinking and methods, historical developments, current understandings and applications, and ethical issues. The laboratory includes use of instrumentation in data collection, methods of data collection and analysis, and a half-semester of actual experimentation. Lab fee. Prerequisite: CHM 100, CHM 101 or CHM 151, or high school chemistry credit.

BIO 114 Genetics and the Human Genome (I) An examination of the most expensive biological project ever undertaken. The human genome project, a multinational endeavor to discover the entire genetic program of humans, is based on the discoveries of molecular biology. Course examines these discoveries, aspects of the human genome currently known, and the implications of the project to medicine and other biologically based fields. Prerequisite: CHM 100 (enrollment may be concurrent) or equivalent.



PHL 260 Philosophy of Law (3) An examination of the major positions taken with respect to issues in the Philosophy of Law. Some of the questions which the philosophy of law attempts to answer are: What is a legal system? Do we have a moral obligation to obey the law and if so, why? What, if anything, justifies punishing violators of the law? Should morality be legislated?

Religion

REL 100 Introduction to Religion (3) An introduction to the academic study of religion, this course is not intended to convince student of the truth (or falsehood) of any particular religious beliefs, but rather to develop an understanding of the religious aspect of being human. Topics may include: the question "What is religion?"; brief looks at particular religions such as Hinduism, Islam, and the Biblical faiths; religion and ethics; religion and Western culture; and a theological topic such as the problem of evil.

REL 200 World Religions (3) A course aiming to familiarize the student with the great religious systems of the world. Specific attention is given to Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, Islam.

REL 202 Religion in America (3) An overview of the history and development of the major religious traditions in the United States, beginning with the Puritans and concluding with contemporary religious movements. Included are the beliefs, programs, and organizations of the major Protestant denominations, the Roman Catholic Church, and Judaism, along with ethno-religious movements, ecumenical movements, and church-state

REL 210 Old Testament (3) A basic introduction to the literature and theology of the Old Testament.

REL 211 New Testament (3) An introduction to the analytical (or "critical") study of the New Testament, which assumes no particular denominational or faith standpoint. The course familiarizes students with the content of the New Testament, by teaching them to use reasoning abilities and the methods developed by modern critical scholars to understand that content.

PHYSICAL EDUCATION

Program Description

A major in Physical Education includes the following courses: PE 150, 205, 210, 211, 300, 305, 310, 315, 320, 349, and 6 semester hours of sport skills and analysis.

Students may enroll for up to four (4) semester hours of physical education team or activity courses in the process of completing their baccalaureate degrees.

Coaching Emphasis

This program is offered to help students excel in coaching. The minimum requirement for public school coaches in Missouri is a Missouri Teaching Certificate. The Coaching Emphasis is a Lindenwood program. Requirements include:

1. Activity credit in the sport to be coached, 1 semester hour.
2. PE 300 Medical Aspects of Physical Education (3)
3. Theory and Methods of Coaching Football, Basketball, Softball, Baseball, Track and Field, Volleyball, Soccer and Weight Training (2) Junior standing required.
4. PE 320 Socio-Psychological Aspects of Physical Education (2)
5. A 60 clock hour practicum in the sport, 2 semester hours.

Athletic Trainer Certification

The National Athletic Trainers Association offers certification to qualified applicants. The candidate must take an examination that measures specific competencies in athletic training. To take the certification, the candidate must meet designated core requirements as follows:

At the time of application, each intern candidate must present documentation of attaining at least 1500 hours of athletic training experience under direct supervision of an NATA certified athletic trainer. These hours must have been attained over a period of two (2) years and not more than five (5) years. Of these 1500 hours, 1000 hours must be attained in a traditional athletic training setting at the interscholastic, intercollegiate, or professional sports level. The additional 500 hours may be attained from acceptable related areas under the direct supervision of a NATA certified athletic trainer. Each candidate must present, via official transcript, proof of completion of formal "coursework" of at least one course in each of the following areas: PE 200 Personal Health, Anatomy and Physiology; PE 310 Kinesiological Foundations of Physical Education; PE 315 Physiologic Education and Motor Development Foundations of Physical Education; PE 300 Medical Aspects of Secondary Physical Education (Basic Athletic Training); and PE 301 Advanced Athletic Training.

Prospective candidates who wish an interpretation of eligibility for certification candidacy, as well as examination time and sites, should contact the NATA national office.

A person who is once certified remains so as long as he or she meets the minimum requirements for continuing education as defined by the Continuing Education Committee.

Courses of Study

- PE 101 Team Football (1)
- PE 102 Team Soccer (1)
- PE 103 Team Baseball (1)
- PE 104 Team Track & Field (1)
- PE 105 Team Cross Country (1)
- PE 106 Team Basketball (1)
- PE 107 Team Volleyball (1)
- PE 108 Team Softball (1)
- PE 109 Team Tennis (1)
- PE 121 Beginning Weight Training (1)
- PE 122 Lap Swimming (1)

- PE 123 Senior Lifesaving Certificate (1)
- PE 124 Aerobic Dancing (1)
- PE 125 Cheerleading (1)
- PE 126 Flag Football (1)
- PE 127 Fun Run (1)
- PE 128 Bowling (1)
- PE 129 Lifetime Fitness (1)
- PE 130 Advanced Weight Training (1)
- PE 131 Beginning Tennis (1)
- PE 132 Recreational Basketball (1)
- PE 133 Recreational Soccer (1)
- PE 134 Recreational Swimming (1)
- PE 135 Ultimate Frisbee (1)
- PE 136 Intermediate Tennis (1)
- PE 144 Fitness Trail (1)
- PE 145 Frisbee Golf (1)

PE 150 Historic & Philosophic Foundations of Physical Education (3) This is an introductory study of health and physical education. It is intended to help interested students decide if they wish to major in physical education. The history of physical education will be examined along with the goal of guiding students in the discovery of themselves, which is essential in this philosophic process.

PE 200 Personal Health, Anatomy, and Physiology (3) This course is designed to complete the standard course of the American Red Cross in First Aid, along with covering health factors that contribute to development and maintenance of health for living in the contemporary automated society.

PE 205 Theory & Methods of Elementary Physical Education (3) This course applies the tenets of human growth and development, motor learning, the physiology of exercise, and self concept and personality development to the physical education of primary and intermediate elementary students. Prerequisite: A course in Human Growth and Development.

PE 210 Pre and Primary School Physical Education Skills (2) A study of the techniques for planning, teaching, and evaluating the development of motor skills, game skills, gymnastic and tumbling activities, posture and body mechanics, rhythms, relays, games of low organization and body awareness for pre and primary school children.

PE 211 Intermediate School Physical Education Skills (3) A study of the techniques for instruction in motor skills, basic game skills, gymnastic and tumbling activities, posture and body mechanics, rhythms, relays, games of low organization, and body awareness for intermediate school children.

PE 250 Nutrition (2) This course includes a study of diet as related to exercise, motivation, nutrition, health, vigor, benefits to the heart, and fat versus muscle.

PE 290 Athletic Training Practicum (1-5) A supervised clinical experience in Athletic Training. Students administer to varsity athletes under the supervision of a NATA certified athletic trainer. (For Athletic Trainer Interns). 150 clock hours of on-the-job duty per semester hour.



BA 315 Multinational Corporations and Economic Development (3) This course will examine the major theories of economic development as they apply to different societies around the world. The role of the multinational corporation in promoting economic development will be assessed. Prerequisite: BA 210 or 212.

BA 412 Money and Banking (3) The nature and functions of money and banks. The development of the American banking system, the organization and functions of the Federal Reserve System, and monetary policy and theory. Prerequisite: BA 210 or 212.

BA 413 International Economics (3) An exploration of the economic, financial, political, and cultural framework in which international business is conducted as well as the global strategies of the multinational firm. Prerequisite: BA 210 or 212.

BA 414 Comparative Economic Systems and Development (3) An analysis and evaluation of capitalism, socialism, and communism both historically and functionally with an emphasis on the role of economic development in each form of economic system. An integration of the theory of economic systems and development and a critical examination of current economic development, policies, and programs. Prerequisite: BA 210 or 212.

BA 415 History of Economic Thought (3) An inquiry into the development of economic ideas and the environment of the men connected with them. Prerequisite: BA 210 or 212.

BA 419 Directed Studies in Economics (1-6) Prerequisite: Permission of instructor.

Finance

BA 320 Principles of Finance (3) The fundamentals of financial management which includes planning, budgeting, and control; also external sources and methods of capital acquisition. A study of the evolution, functions, and practices of the many financial intermediaries with which the firm must interface. Prerequisites: BA 201, 212 and 370.

BA 321 Financial Management (3) A case study approach to the problems of finance including special topics such as international finance, small business finance, the timing of financial policy and optimum capital structure. Prerequisite: BA 320.

BA 322 Financial Markets and Institutions (3) A study of the markets and institutions that participate in the finance function of the U.S. and international capital and money markets. The impact of regulation and the unique role of finance in influencing aggregate economic activity will be examined. Prerequisites: BA 200, 210 or 212, 320.

BA 420 Investments (3) Presentations of the investment field in theory and practice. A survey and analysis of particular types of investment securities and vehicles--public stock companies, private stock companies, bonds, various types of securities, real estate, various government and private financial paper. A survey of the bases for investment decisions and the management of investment portfolios. Prerequisite: BA 200, 210, 212 or 320.

BA 429 Directed Studies in Finance (1-6) Prerequisite: Permission of instructor.

Management

BA 330 Principles of Management (3) Development of the understanding of organizations and of the decision-making skills required in management positions. Examination of the various concepts of management and the basic functions of management--planning, organizing, motivating and controlling. The planning of goals, changes, progression of people, and the managerial value systems will be investigated.

BA 331 Organizational Behavior and Human Resource Management (3) Development of knowledge and skill in the application of behavioral science theories and concepts to organizational processes and problems. Emphasis is on intrapersonal, interpersonal, small group, intergroup, managerial, and whole organizational issues and problems. Prerequisite: BA 330.

BA 332 Management of Personnel Systems (3) Designed to provide basic understanding of the field of industrial relations including personnel management and labor relations. Labor relations deals with those activities impacting on employees as members of a collective bargaining unit as they relate to management goals. Personnel management is concerned with those activities related to individuals and their employment and employers. Prerequisite: BA 330.

BA 430 Management Policy (3) Development and understanding of the top management view of organizations. Understanding the formulation and scope of general policy to direct the activities of the organization. Methods of determining objectives, developing plans to achieve objectives, measurement of results, reappraisal of objectives, and ability to react to evolving situations. Prerequisite: Senior level.

BA 431 Production Management (3) The techniques, methodology and tools used in assisting production decision-making. Basic concepts in management science and operations research. Optimization problems, transportation problems, inventory production and problems, and linear programming will be discussed. Prerequisites: BA 300 and completion of all-college mathematics requirement, including BA 370.

BA 432 Management and Society (3) Defining the position of business enterprises to the general value of society. Discussion of public policy and the role of managing an enterprise, the responsibility of the public and the government to provide an atmosphere of the operation of business and the responsibility of management of enterprise to provide for the common good; the business enterprise as a good neighbor at the local and national level. Prerequisite: BA 330.

BA 439 Directed Studies in Management (1-6) Prerequisite: Permission of instructor.

Management Information Systems

BA 170/COL 170 Microcomputer Applications (3) Course will familiarize students with microcomputers and teach them how to become competent microcomputer users. Course will introduce the fundamentals of MS-DOS commands and provide students with hands-on experience in using popular software packages which include word processing and spreadsheets. This is a lab course.

BA 240 Introduction to Data Processing (3) This course covers the need for data processing, basic design features of computers, historic development of computers, major components of computer systems, and the impact of computers on business management. The concept of programming and structured designed methodology is explained and simple programming techniques in BASIC are presented.

BA 241 Computer Programming Logic (3) A study in methods of problem solving used in designing computer-based application programs, including system flowcharting, application program flowcharting, and structured techniques. Prerequisite: BA 240.

BA 340 COBOL Programming I (3) Computer programming for business applications in structured COBOL. Applications using sequential file techniques are written, compiled and executed on the computer. Prerequisite: BA 241 or permission of instructor.

BA 341 COBOL Programming II (3) Advanced computer programming for business applications in structured COBOL. Applications using multiple input files are written, compiled, and executed on the computer. Prerequisite: BA 340.

BA 370 Introduction to Management Science (3) Course will introduce students to quantified techniques of management science. A microcomputer software package capable of solving a variety of management science problems will be utilized extensively throughout the course. The course will emphasize the use of linear programming models in managerial decision-making. Formulating linear programming models and interpreting computer solutions will be stressed. The course will also present network, inventory and queuing models.

BA 440 Quantitative Methods (3) Introduction to quantitative approaches to solving management problems. Emphasizes recognition of management problems that can be cast in the form of optimization models. Also covers some commonly used methodologies used in business for estimating the demand for the output of the organization. Prerequisites: MTH 106 and 171 or equivalent.

BA 441 File and Data Base Management (3) This course introduces the concepts and techniques of structuring data on secondary storage devices. File processing techniques, including sorting and retrieval of random and sequential records are presented. The concepts of database organization and design are discussed, and experience with a database management system is provided. Prerequisite: BA 340.



BA 442 Principles of Management Information Systems (3) Explores various types of applications that are part of an information system. Illustrates the use of linear programming in Decision Support Systems and provides practical experience in data base processing. Emphasizes the interactive nature of the system analysis and design process. Presents the concept of the Systems Development Life Cycle. Prerequisites: BA 240, 340 or any other course in programming.

BA 449 Directed Study in Management Information Systems (1-6) Prerequisite: Permission of instructor.

Marketing

BA 350 Principles of Marketing (3) Defining the marketing function to provide an understanding of the Macro and Micro view of presenting goods and services to the users. The Macro marketing view will encompass an interdisciplinary approach to the analysis of economic functions in which an organization offers its goods and services. The Micro marketing view will analyze the organization's preparation, goals, methods in presenting its goods and services in the marketplace. Emphasis is on the student gaining a working knowledge of the vocabulary, principles, and theory of marketing.

BA 351 Marketing Information Source and Research (3) An introduction to the various sources of data and information employed in planning and operating a marketing and sales program. Defining markets in terms of potential customers and geographic areas is examined. Consumer behavior and preferences, data collection systems and industrial data are reviewed. Methods of market and marketing research are developed. Prerequisite: BA 350. Recommended: BA 370.

BA 352 Sales Policy and Management (3) An examination of the organization and the sales effort and of functions of salesmen and sales managers (including all echelons from the general marketing managers to the territory salesmen.) Problem areas such as sales department organization, recruitment and training, motivation, supervision, and goal setting are reviewed. Prerequisite: BA 350.

BA 451 Consumer Behavior (3) An analysis of consumer motivation, buying behavior, market participation, legal constraints, consumerism, etc. A survey of explanatory theories of consumer market behavior and producer reactions and problems. Developing methods of anticipation of consumer needs and wants, and research on consumer issues. Prerequisite: BA 350. Recommended: BA 351.

BA 452 Principles of Public Relations (3) A study of the theoretical and practical concepts of the purposes and functions of public relations. Primary emphasis will be placed on evaluation of public opinion, selection of media and message, and the organizational and environmental aspects of public relations. Prerequisite: BA 350 or consent of instructor.

BA 453 Marketing Management and Planning (3) Development of the ability to identify, organize, and manage the marketing function in the organization. Analyze the interfaces of marketing as a function of the organization with the other functional areas of the organization. Identify marketing problems, investigate alternative solutions, and render decisions as a member of the marketing management team. Prerequisites: BA 350, 351.

BA 454 Advertising and Promotion Policy (3) The marketing function of communicating with the various publics the organization must address in presenting its goods and services is examined. The strategy, planning, research and execution of marketing communications are analyzed. The problems of operating in the multi-faceted American society are reviewed. Prerequisite: BA 350.

BA 459 Directed Studies in Marketing (1-6) Prerequisite: Permission of instructor.

Business Law

BA 360 Business Law I (3) An introduction to the sources of law and the judicial function, contracts, agency, employment, partnerships and corporations.

BA 361 Business Law II (3) Federal regulation of business, including insurance, sales, commercial papers, real and personal property, secured transactions, debtors' and creditors' rights. Prerequisite: BA 360.

CHEMISTRY

Program Description

Requirements for the B.A. in Chemistry: 34 credit hours including one course in each of the following areas: organic, inorganic, analytical and physical. Two mathematics courses (including MTH 172) and at least one physics course are required.

Courses of Study

CHM 100 Concepts in Chemistry (4) An examination of the principles of chemistry, especially those which find application in the study of biology. Topics to be covered include atomic structure, chemical bonding, intermolecular forces, gas laws, solutions, and chemical energy. Laboratory work is included. Lab fee.

CHM 101 The World of Chemistry (3) A journey through the exciting world of chemistry. The foundations of chemical structures and their behaviors are explored through computer animation, demonstration, and on-site footage at working industrial and research laboratories. This is a video course intended for non-science majors. A textbook and a study guide will also be used.

CHM 151 General Chemistry I (4) A systematic treatment of the principles of chemistry. Topics include atomic structure, chemical bonding, classification of the elements, physical properties of gases and solution chemistry. Laboratory work is included.

CHM 152 General Chemistry II (4) A continuation of CHM 151. Topics include stoichiometry, solutions, thermodynamics, kinetics, equilibria, and classification of the elements. Laboratory work is included. Lab fee. Prerequisite: CHM 151.

CHM 230 Industrial Chemistry (3) An examination of the principles of chemistry as applied to the manufacture of large quantities of chemicals. Topics will include material balance, heat and energy balance, materials transport and the roles of a chemist in industry. No lab. Prerequisite: CHM 152.

CHM 341 Inorganic Chemistry (3) The chemistry of non-transition elements including non-metals and noble gases, emphasizing the periodic character of properties of these elements and the relationship between various physical and structural properties with the type of chemical bonding employed by the various elemental groups. No lab. Prerequisite: CHM 152.

CHM 342 Inorganic Chemistry of Transition Elements (3) The chemistry of transition metals, emphasizing the unusual bonding properties, stereochemistry, and relationship to reactivity. The study includes organometallics, catalysis, and biologically important coordination compounds. No lab. Prerequisite: CHM 152.

CHM 343 Coordination Chemistry (2) A laboratory course covering modern coordination chemistry. The central theme is inorganic coordination chemistry, with emphasis on a variety of common analytical instrumental techniques which are fundamental in the characterization of inorganic compounds. Prerequisites: CHM 152 and consent of the instructor. Lab fee.

CHM 351 Analytical Chemistry (5) The study of different quantitative analytical techniques such as gravimetric, volumetric and chromatographic methods of analysis. Laboratory work is included. Lab fee. Prerequisite: CHM 152.

CHM 352 Instrumental Analysis (5) The study of instrumental methods of chemical analysis including spectroscopy, electrochemistry, radiochemical and thermal analysis as well as separation techniques. Emphasis is upon principles of the techniques and their applications rather than black box approaches. Laboratory work included. Prerequisite: CHM 152.

CHM 361 Organic Chemistry I (4) A systematic study of the nomenclature, structures, properties and reactions of organic compounds with emphasis upon the principles by which chemists predict the properties and reactions of organic compounds. Laboratory work is included. Lab fee. Prerequisite: CHM 152.

CHM 362 Organic Chemistry II (4) A continuation of CHM 361. The principles of chemical behavior are applied to many types of organic compounds, including those of biological significance. Laboratory work is included. Lab fee. Prerequisite: CHM 361.

CHM 363 Biochemistry (4) A study of the structure and function of the various chemical constituents of living matter. Laboratory work is included. Lab fee. Prerequisites: CHM 362 and BIO 104.

CHM 382T Chemical Equilibria (3) A study of chemical systems in equilibrium and the use of equilibrium constants of several types in calculating the extent to which reactions occur. Prerequisites: CHM 152 and consent of instructor.



CHM 383T Spectroscopy and Molecular Structure (3) An examination of physical and chemical principles involved in the various types of spectroscopy and the use of spectroscopy to determine the structure of molecules. Emphasis is given to nuclear magnetic resonance and infrared absorption spectroscopy, but ultraviolet absorption and mass spectroscopy also are considered. No lab. Prerequisite: CHM 362.

CHM 385T Chemical Dynamics (3) A study of both the empirical and the theoretical treatment of chemical reaction rates and the mechanisms that can be devised from them, plus specific treatment of gaseous and atomic reactions, reactions in solution and very rapid reactions. No lab. Prerequisites: CHM 152, MTH 172 and the consent of the instructor.

CHM 386 Special Topics (3) Special topics of interest in chemistry will be discussed by both students and faculty. Prerequisites: At least two 300 level courses in Chemistry.

CHM 471 Physical Chemistry I (4) A theoretical and mathematical study of chemical properties and the methods of predicting physical and chemical changes. The principles of thermodynamics are emphasized. Laboratory work is included. Lab fee. Prerequisites: CHM 361, 352 and PHY 304 (or PHY 152 with MTH 172).

CHM 472 Physical Chemistry II (4) A continuation of CHM 471 with emphasis upon chemical kinetics and quantum chemistry as means of explaining and predicting chemical behavior. Laboratory work included. Lab fee. Prerequisite: CHM 471.

Note: The letter T following the course number indicates a tutorial course which is usually offered when requested by the student.

COMMUNICATIONS

Program Description

Bachelor's degrees in Corporate Communication and Mass Communication are offered. A minor is offered in Communication for Business.

Corporate Communication

The Corporate Communication undergraduate degree (46-49 hours) requires the following courses: (43 hours) COL 170/BA 170, BA 330, 350, 452, 454, COM 100, 110, 240, 242, 254, 303, 305, 307, 320 and 460. Electives (3-6 hours) may be chosen from: ART 181, COM 301, 331, 340, 356 or 450.

Mass Communication

The Bachelor's degree in Mass Communication consists of 41-49 hours. The following courses (28 hours) are required: COM 100, 151, 240, 242, 254, 304, 307, 401, 405 and 460. Specialized coursework (9 hours) will determine a major emphasis in Radio-Television, Journalism or Public Relations. (Radio-Television

emphasis requires: COM 360 and two from COM 342, 352, or 356. Journalism emphasis requires: COM 305, 340, and 342. Public Relations emphasis requires: COM 303, 305 and BA 452.). An experiential component (4-7 hours) should be selected from: COM 301, 350 and/or 450. In addition, major electives (up to 10 hours) which were not counted in the major emphasis may be selected from COM 260, 270, 300, 303, 305, 340, 342, 352, 356, and 360.

Minor in Communication for Business

A minor in Communication for Business requires the completion of the following courses: (16 hours) COM 100, 110, 240, 303, 320, and 331. Elective courses: (3-6 hours) ENG 211, COM 242, 305, 307 and/or 340.

Courses of Study

COM 100 Introduction to Mass Communication (3) A survey of the mass communication field. A general description of the mass media, their role in society, how they work together, and their effect on society. Emphasis on newspapers, magazines, photography, film, radio, television, public relations, advertising, and industrial communication.

COM 110 Fundamentals of Oral Communication (3) An introduction to theories and techniques of non-written communication in business and society. Topics will include: the nature of human communication, listening skills, interpersonal communication, nonverbal communication, small group communication and public speaking. Students will participate in communication skill-building activities, as well as research, organize and present formal speeches.

COM 121 Voice and Diction (3) Training and development of optimum voice quality and diction. Topics for study and application include: breath control, resonance, pitch, projection and word usage. Students will focus on improved articulation based on general American pronunciation. Course work will include the study of the International Phonetic Alphabet.

COM 151 Radio Production (3) An introduction to basic radio station operations. Analysis of programs and audiences in American broadcasting. Directed experiences in organization, writing, production, direction, and performance of basic radio programs. Lab fee. Suggested prerequisite: COM 100 or concurrent registration.

COM 240 Interviewing (1) Practice in the organization and execution of an interview. Topics include the interviewing process, structure, questions, creating rapport, exchanging information, and closing the interview. Various types of interviews will be discussed.

COM 242 Basic Reporting (3) An analysis of the role of the reporter in communicating public intelligence. Laboratory work will stress basic news gathering, reporting and writing techniques. Prerequisites: ENG 102, COM 100.

COM 254 Video Production (3) Theory and practice of video production techniques. An examination of basic program types, equipment operation, staff organization, script writing, and studio production problems. Laboratory work in fundamental video productions. Lab fee. Prerequisite: COM 100.

COM 260 Broadcast Announcing (2) An examination of the theory, practices and skill development of broadcast announcing. The student should acquire basic fundamentals of voice, diction and pronunciation needed by a broadcast announcer. Discussion will include elements necessary for announcing news, sports, weather, music, agriculture, business, commercials, audio-visual narration, and free-lance. Laboratory exercises and live performances will be required of all students. Prerequisite: COM 100, 151.

COM 270 History of Film (3) Concentrated study of film from the pioneering efforts of Edison, Griffith and Eisenstein through Charlie Chaplin and Buster Keaton to the recent films of Hitchcock, Bergman and Fellini. Emphasis is placed on the art and graphic history of film as well as its place in mass media. Lab fee.

COM 300 Communication Workshop (1-3) A focused examination of the specialized skills required in a communications field. Lab fees will vary. Prerequisite: Consent of instructor.

COM 301 Applied Mass Communication (1) Staff assignments in campus-related media with a term involvement of seventy work hours. The course is designed to give students practical experience in the media. Assignments include the following:

- COM 301 (a) Radio Prerequisites: COM 100 and COM 151
- COM 301 (b) Video Prerequisites: COM 100 and COM 254
- COM 301 (c) Newspaper Prerequisites: COM 100 and COM 242
- COM 301 (d) Public Relations Prerequisites: COM 100 and COM 242
- COM 301 (e) Yearbook Prerequisites: ART 181 or ENG 102

Students may repeat a particular section once and may earn a maximum of 4 credits in applied mass communication coursework.

COM 303 Written Communication in Business (3) The study and practice of effective business writing. Topics will include writing memorandums, letters and reports as well as writing for various publics. Special focus on persuasive communication, international business communication and writing style for corporate publications. Prerequisites: ENG 102, COM 100, 110.

COM 304 Broadcast Newswriting (3) A laboratory course in the preparation and presentation of newscasts and special news programs. Consideration of reporting, interviewing, documentaries and special events. Prerequisites: ENG 102, COM 100, 151 and 242. Suggested Prerequisite: Concurrent registration COM 254.



CJ 210 Criminal Justice Systems (3) A survey of various institutions by which the criminal justice system is administered--police, the legal profession, the courts, and penal institutions--including an examination of the problems which the criminal justice system faces and an evaluation of the adequacy of the existing system.

CJ 300 Internal Security in a Democracy (3) An analysis of the police in a democratic political system. Specific attention will be given to the questions of the control of crime and subversive activities and the relation of these controls to the freedoms essential to a democracy.

CJ 301 Government Powers of Arrest, Search, and Seizure (3) A study of the law as it relates to arrest, search, and seizure with emphasis on present controlling legal decisions and historical development, philosophy, and problems underlying these decisions.

CJ 305 Penology (3) Historical and contemporary analysis of penal systems and reformatories in terms of organization, procedures, programs and effectiveness.

CJ 400 Criminal Justice Research Methods (3) An examination of various subject areas of criminal justice and the methodology appropriate to exploration of these areas.

ECONOMICS

See Business Administration

EDUCATION

Program Description

Lindenwood College is accredited by the National Council for Accreditation of Teacher Education (NCATE) and the Missouri Board of Education (term of accreditation 9/87-92). Successful completion of the Lindenwood College approved teacher education program qualifies the student for the recommendation that a teaching certificate be issued by the Missouri Department of Elementary and Secondary Education.

Admission to the Teacher Education Program is determined by the Council on Teacher Education. The Council, broadly representative of teacher education at the College, considers applications after the student has completed the course Orientation to Education. Grade point averages, test scores, basic skills competency, and other evidence will be considered by the Council in determining admission. An ACT or SAT test is required for consideration. The C-Base test must be passed.

The college degree or diploma does not serve as a license to teach. Each state issues its own teaching certificates, based on its own requirements. Upon successful completion of the planned degree program and after passing a state administered test, each student applies for certification to teach in Missouri. The student who wishes certification in other states should seek advice from the Certification Specialist in the Education department concerning requirements in other states.

Education Certification Programs

- Early Childhood (Pre-K through Grade 3)
- Elementary (1 through 8)
- Secondary (7-9, 7-11, K-12, K-9)
- Art
- Business Education (non-vocational)
- English
- Foreign Language (French, Spanish)
- Journalism
- Mathematics
- Music (Instrumental, Vocal)
- Physical Education
- Science (Biology)
- Social Studies
- Speech and Theatre
- Special Education (K-9, 7-12, K-12)
- Learning Disabilities
- Behaviorally Disordered
- Mentally Handicapped
- Early Childhood Special Education

Those interested in the Preschool through Grade 3 certificates will earn an Elementary (1-8) certificate as well. Students interested in special education will note that the program leads to certification in elementary education (Grades 1-8) and an area of special education (K-12). The areas of specialization in special education are (1) Learning Disabilities, (2) Behavior Disorders and (3) Mentally Handicapped, and (4) Early Childhood Special Education. Because these programs are demanding, one must carefully plan and sequence the courses in order to graduate in four years. This means you must contact an advisor in the Education Department as soon as the decision to teach is made.

Courses of Study

Teacher Education

EDU 110 Orientation to Educational Experiences (2) A general introduction to the area of education and schooling. All students planning to teach are required to take this course before or in conjunction with their first education course(s). Classroom observation is required.

EDU 201/PSY 201 Psychology of Adolescence (3) A study of physical, intellectual, emotional and social development during adolescence. Research studies given special attention include the study of the development of a sense of personal identity, changing roles in family, school and community, and problems of adjustment, delinquency and drug abuse. A prior course in psychology is desirable.

EDU 246 Children's Literature (3) History and development of literature suitable for elementary school students. Evaluation of current materials.

EDU 247 Adolescent Literature (2-3) History and development of literature suitable for the secondary school (junior and senior high). Evaluation of current materials.

EDU 274 Physical Education in Elementary Schools (2) Organizational and instructional aspects of planning a sequential K-8 program of physical education, emphasizing fundamental motor skill development, rhythms, games and sports.

EDU 299 Developing Learning Packages (2) A course to help teachers develop their ideas and put them into usable form as learning packages. Each participant will develop a learning package to teach a specific skill or concept that can be used by students in an independent study situation.

EDU 300 Adolescent Development: Secondary (3) A study of the growth of junior high and high school age students as related to their education. Prerequisites: Sophomore standing and EDU 110 or concurrent registration.

EDU 301 Secondary Educational Psychology (3) A study of the theories of learning related to secondary students and their influence on current classroom practices. Prerequisites: Sophomore standing and EDU 110 or concurrent registration.

EDU 303 Child Development: Elementary (3) A study of growth of elementary school age students as related to their education. Prerequisites: Sophomore standing and EDU 110 or concurrent registration.

EDU 304 Elementary Educational Psychology (3) A study of the theories of learning related to elementary students and their influence on current classroom practices. Prerequisites: Sophomore standing and EDU 110 or concurrent registration.

EDU 305 Elementary Reading Methods (3) A comprehensive study of the skills required for reading development, such as word attack and perception, vocabulary, and comprehension. A variety of reading methodologies, materials, and evaluation items will be presented and used with readers in the school system. Prerequisite: EDU 303 and EDU 322 or consent of instructor.

EDU 306 Language Arts (3) A comprehensive study of listening, grammar, speaking and writing skills as they are integrated into the contemporary language reading program. Various methods and materials are explored. Prerequisite: EDU 303 or consent of instructor.

EDU 307 Teaching Reading in the Content Areas (3) The course is designed to provide prospective teachers of Grades 4-12 with techniques for assessing and improving reading and study skills in the content areas (e.g. English, Math). Students will learn to apply reading concepts, theories, and techniques to content area material by developing model lessons and materials. This course satisfies state requirements for a basic reading course for middle school and secondary certification. Prerequisite: The student must have completed or be currently enrolled in EDU 300 or 322 or receive consent of instructor.



EDU 309 Analysis and Correction of Reading Disabilities (3) This course is designed to teach students the diagnostic/prescriptive process necessary to deal with readers at various levels in the classroom. Students learn to use and analyze a variety of informal and standardized diagnostic reading tests appropriate for individual and group diagnosis. Students also learn to use commercial and teacher-made materials in conjunction with basal readers to provide appropriate instruction. Students are expected to work with a problem reader during the course. Prerequisite: EDU 305 or 307.

EDU 310 Music in Elementary Schools (2) A general preparation for the teacher in the elementary classroom. A study of the principles, procedures, and objectives of school music. Prerequisite: EDU 303 or 322 or consent of instructor.

EDU 311 Art in Elementary Schools (2) Designed for either the classroom teacher who may be responsible for an art program or for the art teacher in the elementary school. Studio work and lecture on creative expression and techniques. Prerequisite: EDU 303 or 322 or consent of instructor.

EDU 312 Mathematics in Elementary Schools (3) A modern approach to the teaching of mathematics is offered for the student preparing to teach in elementary schools. Prerequisites: Fulfillment of college Math requirements, EDU 303 or 322 or consent of instructor.

EDU 313 Social Studies Methods (3) This course includes the theoretical and practical aspects of the elementary social studies curriculum. Methodology, techniques, strategies and materials appropriate to the area are investigated. Prerequisite: EDU 303 or 322 or consent of instructor.

EDU 314 Utilizing Family and Community Resources (3) An exploration of the resources of the community and methods of incorporating them into the pre-school program. Family resources and family-school relationships are studied, and materials and methods for developing such relationships contribute a focus of efforts. Practicum experience is a major part of this course. Prerequisite: EDU 218 or consent of instructor.

EDU 315/COM 315 Argumentation and Debate (3) The study of the argumentation process and its usage in daily communications, advertising, politics, and speech writing. Debate includes selection and development of material for presentation in the formal debate. Formal debate techniques are examined as well as procedures for organizing and coaching debate teams. Prerequisite: ENG 102.

EDU 316 Language Acquisition and Development for Young Children (3) A study of the nature of language, the normal sequence of language development, and an introduction to the theories of language acquisition. The course includes a concern for: understanding the influence of environment and culture in language development, development of techniques and materials for stimulating language growth, identification of speech and articulation problems and appropriate referral methods, familiarity with instrument, and techniques for assessing language development. Prerequisite: Junior standing.

EDU 317 Introduction to Early Childhood/Special Education (3) A study of principles basic to the preschool environment designed to meet the needs of the developing child. Cognitive, physical, social, emotional, and creative development are investigated and observed in the preschool setting. Curriculum and materials appropriate for early education will be emphasized, as are planning and executing activities for the preschool child. The growth, development and special needs of preschool children with disabilities will be discussed. This will include developmentally appropriate practices, assessment, and material and curriculum adaptation that may be necessary when working with this population.

EDU 319 Elementary Science Methods (3) A course designed to explore various methods, materials, strategies and processes used in elementary school science programs. Students will be expected to develop and teach several science lessons in school settings. Prerequisite: EDU 303, 322 or consent of instructor.

EDU 320 History and Philosophy of Education (3) A comprehensive study of the historical structure and philosophy of American education, its roots in the past, its relationship to other present educational systems and its possible future directions. Prerequisite: EDU 110.

EDU 321 Secondary Classroom Teaching and Management (3) Techniques and procedures applicable to effective teaching, planning for instruction, practicing specific micro-teaching skills, techniques of classroom management and discipline. Prerequisite: EDU 300 & 301 or consent of instructor.

EDU 322 Elementary Classroom Teaching and Management (3) Techniques and procedures applicable to effective teaching, planning for instruction, practicing specific micro-teaching skills, techniques of classroom management and discipline. Prerequisite: EDU 303 & 304 or consent of instructor.

EDU 323 Methods of Teaching Elementary School Music (3) A study of the various approaches to music education in the elementary schools. For music education majors. Prerequisite: EDU 300 or 322 or consent of instructor.

EDU 324 Assessment of Intellectual Skills (3) Nonprojective, educationally relevant tests will be considered with respect to theories of measurement, test construction, test administration, and ethical use. Students will attain competence in administration of one of the more commonly used methods of assessment, either Binet or Wechsler.

EDU 325 Perceptual Motor Development (2) This course examines the complex relationship between sensory perception and the development of gross and fine motor skills. The student will analyze and evaluate the research in this field, the methods and tools of assessment, materials and activities used to enhance and/or remediate the development of perceptual-motor skills. Prerequisite: EDU 303, 218 or its equivalent.

EDU 330-340 Methods of Teaching a Major Subject (3) Problems of teaching the major subject in secondary schools. New materials and methods are examined, implemented, and evaluated. Prerequisite: EDU 321.

Subjects available are:

- 330 Science
- 331 Mathematics
- 332 Modern Languages
- 333 Art
- 334 English
- 335 Social Studies
- 336 Business Education
- 337 Speech & Theatre
- 338 Music
- 339 Journalism
- 340 Physical Education

EDU 341 Education of the Exceptional Child (3) In this course the student (1) develops an understanding of the abilities and disabilities of the groups of children who are commonly classified as exceptional; (2) develops an understanding of the needs of exceptional children and the instructional planning employed to meet those needs; (3) develops an understanding of the emotional handicaps upon an individual; (4) gains an interest in the welfare of the handicapped individual and recognizes society's responsibility to help individuals realize their full potential; (5) gains actual experience with exceptional children and with those professionals who work directly with such individuals. Prerequisite: EDU 110 or consent of instructor.

EDU 345 Health, Nutrition & Safety of the Young Child (3) This course focuses upon personal hygiene, eating habits, nutritional requirements, physical fitness, safety precautions, first aid techniques, and emergency procedures. Prerequisite: EDU 303 or its equivalent.

EDU 351 Screening, Diagnosing and Prescribing Instruction (3) This course focuses upon methods and materials utilized in screening and diagnosing learning problems in early childhood education. Methods and materials for prescribing instruction will be utilized. Field experiences are part of the course. Prerequisite: EDU 303, 218 or its equivalent.



EDU 359 Multicultural Education (3) This course is designed to promote an understanding of the importance of multicultural education in a pluralistic society. Students develop awareness of their own cultural heritage and attitudes, obtain information about various minority cultures, and analyze the school as a product of the cultural heritage and attitudes.

EDU 380 Pre-Student Teaching Practicum (1-3) This course is designed to offer the education student experience in elementary and secondary schools or other educational environments. Evaluations will be made by the college consultant and the host teacher. Students in EDU 321 and 322 must enroll for one hour of practicum. Prerequisite: EDU 301 or 304 or consent of instructor.

EDU 384 Creating Curriculum and Materials for Early Childhood Programs (4) A course designed to familiarize students with innovative curricula and materials currently in use in art, drama, music, etc. Techniques for promoting cognitive, motor social and emotional development through these materials and programs are emphasized. Students will prepare and test their own materials with preschool children. Prerequisite: EDU 300, 218 or consent of instructor.

EDU 389 Understanding the Middle School/Junior High School Student (3) This course will examine the special characteristics of the pre-adolescent and early adolescent; the physical, cognitive and social needs specific to this age group; and ways in which the school can meet those needs.

EDU 399 Practicum: Analysis and Correction of Reading Disabilities (2) Students in elementary education will enroll concurrently in this course and EDU 309. Students will apply the testing and remediation techniques taught in EDU 309 in a school setting, working with a regular classroom teacher and remedial reading teacher who will be responsible for observing and working with students throughout the semester. An initial diagnostic report, lesson plans, and progress reports will be required for each student tutored. Prerequisite: EDU 305 or 307.

EDU 410 Student Teaching (12) A course consisting of observation, individual conferences, supervised teaching in an elementary and/or secondary school and a weekly student-teaching seminar. This practicum is designed to be the culminating experience in one's teacher preparation program; thus students should have completed all or most of all the courses necessary for the degree and certification prior to this course. The student is responsible for arranging and paying the expense of transportation to and from the assigned school. Course registration must be approved by the Council on Teacher Education. The student teacher's total academic load is limited to one course in addition to student teaching. Students seeking K-12 certification must teach at both the elementary and secondary levels. Special education students will teach in a regular classroom and a special education classroom. Students must also participate in a September Experience prior to the official start of the student-teaching semester. A student-teaching fee is required. Please see the Undergraduate Guide for further detail (Student Teaching Fee)

Special Education

SED 302/PSY 302 Behavior Management (3) Study of the application of learning principles to practical problems of behavior with emphasis on behavior management and behavior therapy. The course includes evaluation of research findings on behavior modification in home, school, and clinical settings, laboratory study in acquisition of new behaviors, and visits to local programs using behavior modification with normal and exceptional persons. Prerequisite: PSY 100 or consent of instructor.

SED 303/PSY 303 Abnormal Psychology (3) A survey of the major classes of behavior disorders. Emphasis is given to understanding symptoms, the complex interaction of factors related to disordered behavior, and various approaches to correction of behavior problems. Identical with PSY 203.

SED 328 Intro and Methods of Teaching Children with Learning Disabilities (4) In this course, the student will examine the theories, classification system, characteristics, historical data, and related resources. Methods and materials needed in teaching learners with learning disabilities in special education programs are studied. Both commercial and teacher-developed materials are examined. Practical work is expected.

SED 329 Intro and Methods of Teaching Mentally Retarded Children (4) In this course, the student will examine the theories, classification system, characteristics, historical data and related resources. Methods and materials needed in teaching learners who are mentally retarded and in special education programs will be studied. Both commercial and teacher-developed materials are examined. Practical work is expected. Graduate students will be expected to do a project.

SED 331 Intro and Methods of Teaching Behaviorally Disordered Children (4) In this course, the student will examine the theories, classification system, characteristics, historical data and related resources. Methods and materials needed in teaching the behaviorally disordered learner will be studied. Both commercial and teacher-developed materials are examined. Practicum work is an expected part of this course.

SED 333 Speech and Language Development for the Exceptional Learner (3) This course is designed to increase the student's knowledge of the characteristics of human language and how such knowledge facilitates a clearer understanding of the young special education learner.

EDU 337 Special Education Counseling (3) A course which attempts to combine the traditional psychology of counseling in all its variety with special consideration of the problems experienced by exceptional children, their families and their teachers. Prerequisites: EDU 341, one additional Special Education course, and SED/PSY 203.

SED 340 Career Development (3) The emphasis is on current theories and vocational development. Interest testing and aptitude testing significantly related to vocational development and their application to occupational training are included. There are no prerequisites.

SED 355 Methods and Materials for Teaching the Visually Impaired (2) Introduction to the literature, history, principles, programs, practices and problems in the field. Administrative, curricular and methodological adaptations for various educational programs. The education of children with visual impairments and other accompanying disabilities is studied.

SED 357 Remediation in Elementary Math (3) Foci of this course are (1) the teacher's knowledge of mathematical principles and remedial techniques fundamental to arithmetic and the psychological aspects of arithmetic learning; (2) the teacher's competency in the use of concrete materials embodying mathematical principles and structures; (3) the teacher's sensitivity and willingness to adapt instruction to experiential needs of students. Prerequisites: fulfillment of college math requirements, EDU 303 or 322, and 312.

ENGLISH

Program Descriptions

English Major

A major in English requires 39-42 semester hours in English exclusive of ENG 101 and 102. English as a double major may be obtained by completing 30 hours. The following courses are required for the major: ENG 235, 236, 304, 305, 306, 333 or 334, and 354, plus 12 hours of a foreign language. Consult the English department faculty regarding minors in English or Comparative Literature.

Writing Major

A major in Writing, administered by the English Department in conjunction with the Communications Department, requires 42 hours, including 21 hours of literature and 21 hours of writing courses. ENG 236 and 306 are required for this major. Students should choose their writing courses from the following courses: ENG 211, 302, 341, 342 and 343; COM 242, 304, 305, 307, 340 and 342.

Students should check catalogue descriptions for prerequisites to these courses. Writing majors must take 12 hours of a foreign language or the equivalent, as determined by the Foreign Language faculty. Faculty advisors will assist in directing a student's progress.

Courses of Study

ENG 101 English Composition I (3) An intensive review of the English language and its use in college-level writing, including the mechanics of written discourse, sentence structure, paragraph development, and essay organization. Oral presentation, formal and informal, is an important component of the course. Selections from expository and imaginative literature will be discussed as models for the effective use of language and as sources for composition topics.

ENG 102 English Composition II (3) Continuation of ENG 101 with special attention to the department of a mature style and to the research, mechanics and writing of a documented paper. Oral presentation, formal and informal, is an important component of the course. Three sections with different emphasis are available as follows:



ENG 346 Short Fiction (3) A study of short fiction as an enduring form of literature. Selections of American and/or world literature will be used to discuss the development, structure, and style of short fiction.

ENG 351 Twentieth Century Poetry (3) Poetry from 1900 to the present, principally English and American but with selections in translation from other cultures. Readings include poetry representing the growing importance of women and other writers who have not previously been in the mainstream of poetic tradition.

ENG 354 Criticism (3) Required for the English major. The major texts in criticism from the Greeks through the Moderns. Students will have an opportunity to individualize their study through projects applying critical theory to different art forms: literature, music, film, photography, painting, sculpture and theatre. Prerequisite: Six hours of literature or permission of instructor.

ENG 356 Epic and Tragedy: the Hero and the City (3) Readings in classical Greek literature, examining the differences between the genres of epic and tragedy and the changes in philosophical, political and economic conditions which are reflected in the literature. Readings from Homer, Aeschylus, Sophocles and Euripides; selections from Plato and Aristotle concerning poetry and its role in society.

ENG 372 Modern Grammar (3) Required for Teacher Education Students certifying in English and recommended for students in Elementary Education. An intensive study of the nature and structure of the English language with emphasis on recent developments in linguistic analysis, but with coverage also of traditional grammar. Prerequisites: ENG 101, 102.

ENG 374 Mark Twain and the Mississippi River (3) The history and folklore of the Mississippi River and its influence on the works of Missourian Mark Twain. Readings will include Missouri Folklore, Life on the Mississippi, Huckleberry Finn, and the Autobiography of Mark Twain.

ENG 375 Autobiography (3) A study of selected international autobiographical literature.

ENG 379 Russian Authors (3) An in-depth study of one or more major Russian authors: Dostoyevsky, Tolstoy, Chekhov, Solzhenitsyn, or others. The course may also be structured around a literary trend or political ideology, such as the Age of Realism or the Soviet Period.

ENG 432 Seminar: American Writers and the American Scene (3) An advanced study of selected American writers within the context of the social and political period in which they lived.

ENGLISH AS A SECOND LANGUAGE

Course Scheduling and Placement

All international students, regardless of their TOEFL scores, must undergo additional evaluation on campus to assure appropriate placement.

Courses of Study

ESL 391 Listening and Conversation Skills for Advanced ESL Students (3) International students will learn and practice the skills needed to understand formal and informal spoken English. They will become more aware of how cultural differences may affect communication and they will become more confident in their abilities to communicate effectively with American English speakers in a variety of situations.

ESL 392 Introduction to American Culture (3) This course introduces international students to some of the basic aspects of American life and values, and how they have affected the development of business, politics, government, education, and the family in our society. In becoming more aware of the cultural values of the United States, students will increase their understanding of the values and heritage of their own countries. Reading and discussion skills, vocabulary, comprehension and writing will be stressed.

ESL 393 Advanced English Workshop, American English (3) Grammar, reading speed and comprehension, vocabulary building, and writing skills are emphasized. Students will develop their ability to analyze college-level readings and to take notes. They will practice writing a variety of short compositions.

ESL 395 Business English for International Students (3) The goal of this course is to help international students develop the skills they need to use English correctly when they return to their home countries. Emphasis is upon helping students strengthen their abilities to communicate accurately and effectively, both orally and in writing. The course includes the review of important grammatical structures; the preparation of standard written business communications; memos, letters, and reports; the discussion of current issues in international business; and the oral presentation of individual and group projects.

FASHION MARKETING

Program Options

A student may choose one of two ways to compete the Fashion Marketing Program:

1. as a candidate for a Bachelor of Arts degree with a dual concentration in Business Administration and Fashion Marketing; or
2. as a candidate for a Bachelor of Arts degree with a dual concentration in Fashion Marketing and Fashion Art.

Other combinations of majors are possible on an individualized basis.

Requirements for the Major in Business Administration with a concentration in Fashion Marketing

COL/BA 170, 200, 201, 211, 212, 240, 320, 331, 350, 360, 370, BFM 171, 173, 272, 274, 276, 371, 372, 373 plus two Fashion Marketing electives.

Requirements for the Major in Fashion Marketing and Fashion Art

Same as for BA in Business Administration with a concentration in Fashion Marketing, plus ART 106, 108, 136, 181, 218, 219, 300, 330 (6), 381, and one Art History elective, BA 240 and 330.

Courses of Study

BFM 171 Introduction to Fashion Marketing (3) Studies the types of enterprises, operations and interrelations that are involved in the fashion business. The course focuses on the development and trends of the major sectors of the marketing of fashion.

BFM 173 Textiles (3) Identifies the importance of textile products for various end uses. Analyzes the properties and interrelationships of fibers, yarns, fabric constructions, and processing.

BFM 272 Consumer Behavior in Fashion (3) Explores consumer behavior and how it relates to the marketing of fashion, covering the application of motivating influences, as well as consumer branding and fashion adoption.

BFM 274 Merchandise Planning and Control (3) Covers the concepts, calculations, and strategies necessary to successful merchandising, including retail method of inventory, operating statements, techniques of planning seasonal purchases, figuring markups, turnover, open-to-buy, markdowns, as well as terms of sale. Prerequisite: BFM 171 or permission of the instructor.

BFM 275 Non-Apparel Fashion Marketing (3) A course to familiarize students with aspects of product knowledge important to the merchandising of non-apparel fashion accessories and home furnishings.

BFM 276/TA 217 History of Costume & Fashion (3) Explores dress in the historical periods from the biblical to the mid-twentieth century. Prerequisite: HIS 100 or concurrent enrollment.

BFM 371 Fashion Merchandising: Principles and Techniques (3) Analyzes the buying function and the differences in buyers' responsibilities in various types of merchandising organizations; studies the methods used by merchandisers of fashion goods in determining what assortments to buy and which resources to select. Prerequisites: BFM 171, 274.

BFM 372 Survey of Retail Operations (3) Explores the operational functions as related to running of retail firms, including store management, construction, personnel; explores career opportunities in these areas. To be taken the same semester as BFM 373, if possible.

BFM 373 Work/Study Internship (3) An opportunity to apply first-hand the skills that the student has developed in the classroom. The student will be exposed to all phases of merchandising during his/her work/study experience. Internships will be a minimum of six weeks long. Prerequisites: BFM 171, 173, 272, 274.



BFM 374 Survey of National and/or International Markets (3) Students will have an opportunity to enroll in a class which will meet in one of the major fashion centers of the United States. This trip will include visits to manufacturers, retail stores, and buying offices. The trip will also give the student insight in to the cultural and social institutions that influence fashion by visiting museums and attending the theatre. Prerequisite: Sophomore standing or permission of instructor.

BFM 375 Retail Sales Promotion and Advertising (3) Principles and methods of advertising and promoting fashion merchandise. Students analyze advertisements, displays, publicity, and other promotional practices of leading retail and wholesale firms.

BFM 376 Fashion Planning and Coordination (3) Students prepare and present fashion information through clinics, shows, and written communiques. The students learn how to research, analyze, and forecast fashion trends.

BFM 377/ART 108 Color Theory and Design (3) A study of the properties of color and the optical effects in perception. The application of color theory through design problems using color papers and other media.

BFM 378/ART 218 Fashion Illustration (3) The application of varied drawing techniques and materials to the illustration of fashion figures for advertisements, catalogs, and other communications media. Previous course work in figure drawing is strongly recommended. Lab fee.

BFM 379 Display Principles and Techniques (3) Introduction to modern display techniques, equipment, and materials. Basics of design and decoration for window and interior displays in department and specialty stores.

BFM 477/ART 219 Fashion Photography (3) The application of photography to the visual presentation of fashion. Problems in effective lighting, composition, developing and printing for fashion photography will be explored. The history of fashion images and trends and the business of fashion photography will be discussed. Lab fee. Prerequisite: ART 181 or other experience in photography.

BFM 479 Special Topics in Fashion Marketing (3)

FOREIGN LANGUAGES

Program Description

A major in French or Spanish is offered. Program requirements are as follows: a minimum of 24 credit hours, at least 3 credit hours in conversation and composition, at least 3 credit hours in the culture and civilization of the country or countries where the language is spoken, and at least 18 hours in literature given in the foreign language. Consult department faculty regarding minors in foreign language.

Courses of Study

French

FLF 101 Elementary French I (3) Oral inductive approach but with concurrent development of all four language skills: listening comprehension, speaking, reading, and writing.

FLF 102 Elementary French II (3) Oral inductive approach, but with concurrent development of all four language skills: listening comprehension, speaking, reading, and writing. Prerequisite: FLF 101.

FLF 201 Intermediate French I (3) Reading of modern French prose, review of syntax, and continued practice in oral expression. Further development of all four language skills. Prerequisite: FLF 102 or proficiency exam.

FLF 202 Intermediate French II (3) Reading of modern French prose, review of syntax, and continued practice in oral expression. Further development of all four language skills. Prerequisite: FLF 201.

FLF 311, 312 French Conversation and Composition I, II (3) (3) Systematic grammar review and vocabulary building with readings, oral reports, and written composition on topics of current interest. Prerequisite: FLF 202.

FLF 337 History of French Civilization (3) A survey of the social, cultural, and political history of France from the middle ages to the present with emphasis on the major intellectual and artistic contribution of France to the Western World. Prerequisite: FLF 202.

FLF 351 Masterpieces of French Literature I (3) Reading of selected works of prose, poetry and drama from the nineteenth century to the present. Prerequisite: FLF 211.

FLF 352 Masterpieces of French Literature II (3) Reading from selected works of prose, poetry, and drama from the Middle Ages through the eighteenth century. Prerequisite: FLF 311.

FLF 370 Seminar on Selected Authors and Genres of French Literature (3) A concentrated study and analysis of a genre and its representative authors, their major works and influence. The content of the course varies and will present in rotation different periods of French Literature. It may be repeated for credit. Prerequisite FLF 311.

German

FLG 101 Elementary German I (3) An introduction to the fundamentals of the language and a mastery of the basic principles with emphasis on speaking and reading comprehension.

FLG 102 Elementary German II (3) An introduction to the fundamentals of the language and a mastery of the basic principles with emphasis on speaking and reading comprehension. Prerequisite: FLG 101.

FLG 201 Intermediate German I (3) A review of grammar and a study of linguistic, phonetic, and syntactical problems through reading and discussion of modern German prose. Prerequisite: FLG 102.

FLG 202 Intermediate German II (3) A review of grammar and study of linguistic, phonetic, and syntactical problems through reading and discussion of modern German prose. Prerequisite: FLG 201.

FLG 311, 312 German Conversation and Composition I, II (3) (3) Further development in aural comprehension and oral expression through reading and analysis of cultural and literary materials. Exercise in syntax and elements of style. Techniques of group discussion, formal and informal oral and written presentation. Prerequisite: FLG 202.

Italian

FLI 101 Elementary Italian I (3) A beginning course taught by the audio-lingual method, while developing simultaneously the four language skills: listening, speaking, reading, and writing.

FLI 102 Elementary Italian II (3) A beginning course taught by the audio-lingual method, while developing simultaneously the four language skills: listening, speaking, reading, and writing. Prerequisite: FLI 101.

FLI 201 Intermediate Italian I (3) An intensive review course, designed to give the student a command of basic grammatical structures, to increase vocabulary and fluency through reading and through oral and written analysis of short literary and cultural selections. Prerequisite: FLI 102.

FLI 202 Intermediate Italian II (3) An intensive review course, designed to give the student a command of basic grammatical structures, to increase vocabulary and fluency through reading and through oral and written analysis of short literary and cultural selections. Prerequisite: FLI 201.

Russian

FLR 101 Elementary Russian I (3) A beginning course taught by the audio-lingual method in order to master the fundamentals of the language and to develop the four language skills: listening, speaking, reading and writing.

FLR 102 Elementary Russian II (3) A beginning course taught by the audio-lingual method in order to master the fundamentals of the language and to develop the four language skills: listening, speaking, reading and writing. Prerequisite: FLR 101.

FLR 201 Intermediate Russian I (3) This course reviews the grammatical structures of the Russian language. It is also designed to increase the student's vocabulary and fluency and writing ability through reading and analysis of short literary works and cultural selections. Prerequisite: FLR 102.



FLR 202 Intermediate Russian II (3) This course reviews the grammatical structures of the Russian language. It is also designed to increase the student's vocabulary and fluency and writing ability through reading and analysis of short literary works and cultural selections. Prerequisite: FLR 201.

Spanish

FLS 101 Elementary Spanish I (3) A beginning course in Spanish taught by the audio-lingual method, but with concurrent development of all four language skills: listening comprehension, speaking, reading, and writing. Integrated laboratory experience.

FLS 102 Elementary Spanish II (3) A beginning course in Spanish taught by the audio-lingual method, but with concurrent development of all four language skills: listening comprehension, speaking, reading, and writing. Integrated laboratory experience. Prerequisite: FLS 101.

FLS 201 Intermediate Spanish I (3) An intensive review course, designed to give the student a command of basic grammatical structures, to increase vocabulary and fluency through reading and through oral and written analysis of short literary and cultural selection. Prerequisite: FLS 102.

FLS 202 Intermediate Spanish II (3) An intensive review course, designed to give the student a command of basic grammatical structures, to increase vocabulary and fluency through reading and through oral and written analysis of short literary and cultural selections. Prerequisite: FLS 201.

FLS 241 Spain: A Cultural Experience (May Term in Spain) This course is designed to offer the student the opportunity to experience and learn first hand about the many aspects of Spanish life, history, culture and institutions. Numerous places of historical, cultural and social importance in Madrid, Toledo, Aranjuez, Segovia, Valley of the Fallen, Escorial, Avila, Salamanca, Zaragoza, Barcelona, Valencia, Granada, Malaga, Sevilla, Cordoba, etc. will be extensively visited and their significance will be intensively studied and discussed.

FLS 301 Introduction to Spanish Literature I (3) An introductory study and analysis of selections of the most important literary works of Spanish literature from the Middle Ages to the Golden Age. Prerequisite: FLS 311.

FLS 302 Introduction to Spanish Literature I (3) An introductory study and analysis of selections of the most important literary works of Spanish literature from the Romantic Age to the present. Prerequisite: FLS 311.

FLS 311, 312 Spanish Conversation and Composition I, II (3) (3) Further development in aural comprehension and oral expression through reading and analysis of cultural and literary materials. Exercise in syntax and elements of style. Techniques of group discussion, formal and informal oral and written presentations. Prerequisite: FLS 202.

FLS 335 Spanish Culture and Civilization (3) A study of historical, cultural, and folkloric sources of the life and customs of the Spanish peoples. Emphasis on the social, economic and intellectual of Spain today. Prerequisite: FLS 202.

FLS 336 Latin American Culture and Civilization (3) A study of historical, cultural, and folkloric sources of the life and customs of the life and customs of the Latin American peoples. Emphasis on the social, economic and intellectual life of Latin America today. Prerequisite: FLS 202.

FLS 367 Introduction to Spanish-American Literature I (3) An introductory study and analysis of selections of the most important literary works of Spanish-American Literature from the Pre-Colombian period to the nationalist movement. Prerequisite: FLS 311.

FLS 368 Introduction to Spanish-American Literature II (3) An introductory study and analysis of selections of the most important literary works of Spanish-American literature from the Romantic period to the present. Prerequisite: FLS 311.

FLS 370 Seminar on Selected Authors and Genres of Spanish and Spanish-American Literatures (3) A concentrated study and analysis of a literary genre and its representative authors, their major works and influence. The content of the course varies and will present in rotation different periods of Spanish and Spanish-American literatures. It may be repeated for credit. Prerequisites: FLS 311.

GEOGRAPHY

GEO 201 World Regional Geography (3) A survey of the major areas of the world divided along political boundaries and levels of development, with emphasis on the impact of the physical and cultural environment on the world areas and current issues in population, resource depletion, and economic disparities.

HISTORY/ POLITICAL SCIENCE

Program Description

The major in history requires 30-42 hours of departmental coursework to include: 9 hours of American history, 9 hours of European history, HIS 100 and 105 or 106. Additionally, 6-12 hours of social science are to be taken, 6 hours of which are BA 210 and PS 155. A minor in history is also available.

The political science degree requires 30-42 hours in Political Science and 6-9 hours in another social science discipline. The major must include two courses in Comparative Politics and two courses in Political Theory. Consult departmental faculty concerning requirements for a Political Science minor.

The major in Public Administration requires a minimum of 30 hours, including the following courses: PS 155, 206, 210, 320, 324, as well as BA 200 and MTH 141.

Courses of Study

HIS 100 A History of the Human Community (3) A study of the growth of traditional societies around the world and their recent transformation by the urban, industrial revolution. The first half-term focuses on the evolution of the major world civilizations and their differences and similarities. The second half-term deals with the impact of the urban and industrial revolutions on these civilizations and their reactions to the modern world.

HIS 105, 106 America: Colony to Civil War (3) America: Civil War to World Power (3) A two semester survey of American history. The first semester begins its examination with the colonial origins of the United States and concludes with the Civil War. The second semester traces the development of the United States from reunification to its present status as a world power. Both semesters stress political, economic, and social foundations of American development.

HIS 200 History of the Contemporary World I (3) Focus on the post 1945 super-power rivalry along with decolonization and revolution in the Third World. Special emphasis on the Chinese Revolution, the Vietnamese Wars, the Cuban Revolution and the Arab-Israeli conflict.

HIS 201, 202 History of England (3) (3) Development of the English state and society. The first semester examines the growth of the English state, and monarchy through the Civil War of the 17th. The second semester examines the growth of modern England since 1700, particularly dealing with urban, industrial change, and the impact of England on the world through commerce and empire.

HIS 204 The Westward Movement (3) A one-semester survey of the significance of the West in American national development. The course begins with the study of the colonial frontiers and concludes with the closing of the national frontier in the 1890's.

HIS 205, 206 History of Asia I, II (3) (3) A two-semester survey course focusing on South, East, and Southeast Asia. The first semester explores the history of the Indian sub-continent and Southeast Asia from the earliest times to the present. The second semester focuses on the histories of China and Japan.

HIS 209 The Nazi State (3) An examination of Hitler and his Reich—the origins of National Socialism, the Nazi Revolution, and the social, cultural, and political changes that followed.

HIS 211, 212 History of Russia I, II (3) (3) Two-semester survey of Russian history from the 9th century to the present. The first semester examines early attempts to consolidate, culminating in the absolutism of Peter the Great and the development of Imperial Russia through Catherine the Great. The second semester begins with the reign of Alexander I and concentrates on the major political, economic, and diplomatic developments of the 19th century, the Revolution of 1917, and the growth of the Soviet State.



MATHEMATICS & COMPUTER SCIENCE

Program Description

Baccalaureate degrees in both Mathematics and Computer Science are offered. The Mathematics curriculum for the major includes: MTH 171, 172, 303, 311, 315, 321, CSC 101, 102, PHY 301 and 302, plus nine hours of 300-level math courses. A minor in Mathematics is also offered.

The Computer Science degree requires the following courses: CSC 101, 102, 303, 304, 305, 406, and two of 407, 408, and 410. Also required are MTH 141, 171, 172 and 321. A Computer Science minor is also available.

Courses of Study

Mathematics

MTH 111 Concepts in Mathematics I (3) An introduction to the basic language and concepts of mathematics for the non-major. Topics include sets, number systems, the real number system, mathematical systems, equations and inequalities.

MTH 112 Concepts in Mathematics II (3) A continuation of Concepts of Mathematics I including the following topics: graphs and functions, geometry, counting methods, probability, statistics, computing, and matrices.

MTH 121 Introduction to Contemporary Mathematics (3) An introductory course on how mathematics is used today. Topics from three of the following areas will generally be covered: Management Science, Statistics, Social Choice and Decision-Making, Size and Shape, and Computing.

MTH 141 Basic Statistics (3) An introduction to the theory and applications of statistics, including probability, descriptive statistics, random variables, expected values, distribution functions, and hypothesis testing.

MTH 151 College Algebra (3) A first course in college algebra including the following topics: real and complex numbers, equations and inequalities, real relations and functions, the theory of equations, exponential and logarithm functions. Prerequisite: One year of high school algebra.

MTH 152 Trigonometry and Elementary Functions (3) The basic elements of trigonometry and trigonometric functions will be studied, as a preparation for calculus. Prerequisite: MTH 151.

MTH 160 Calculus Survey (3) The basic concepts of differential and integral calculus for the life, social and management sciences. Topics include the derivative, the integral, functions of several variables. Prerequisite: Three semesters of high school algebra.

MTH 171, 172 Calculus I, II (4) (4) A first study of real functions and some of their applications. Differentiation and integration are developed and used to study rational, algebraic, trigonometric, and exponential functions and their applications. Prerequisite: High School Algebra through Trigonometry or MTH 152.

MTH/CSC 300 Problems Seminar (1) This seminar is primarily intended for Mathematics and Computer Science majors. It will provide an opportunity for students to deal with larger problems arising in both of these disciplines. The problems studied will differ each time the seminar is offered. This seminar may be repeated. Prerequisites: MTH 111, 172, CSC 102.

MTH 303 Calculus III (4) The study of real functions of more than one variable. Topics include partial derivatives, gradient, potential functions, line integral, multiple integration, and Taylor's formula. Prerequisite: MTH 172.

MTH 311 Differential Equations (3) A first course in ordinary differential equations and some of their applications, including first order equations, linear differential equations, Laplace Transform, and series solutions. Prerequisites: MTH 172. Recommended: MTH 303.

MTH 315, 316 Linear Algebra I, II (3) (3) A study of the finite dimensional vector spaces, linear mappings between them and applications to differential equations and geometry. Topics include solution of linear equations, matrices, determinants, bilinear mappings and forms, diagonalisation. Prerequisite: MTH 172.

MTH 320 (3) Algebraic Structures (3) A first course in the main structures of abstract algebra. Groups, rings and fields will be studied together with applications to geometry, and number theory. Prerequisite: MTH 315

MTH 321 Discrete Mathematics (3) The language of set theory and the tools of logic are used to study important aspects of discrete (rather than continuous) mathematics. Topics include number theory, combinatorics, graphs, trees, finite state machines, boolean algebra, and coding theory. Prerequisite: MTH 172.

MTH 330 Geometry (3) A careful review of euclidean geometry of the plane and space, and an introduction to non-euclidean geometry. Prerequisites: MTH 303, 315.

MTH 341, 342 Probability and Mathematical Statistics I, II (3) (3) A calculus-based sequence on these subjects, including the following topics: combinatorics, probability spaces, conditional distribution functions, the central limit theorem, hypothesis testing, and regression analysis. Prerequisites: MTH 172, 303.

MTH 351 Numerical Analysis (3) A first course in numerical methods, including the solution of linear and non-linear equations, numerical integration and differentiation, the theory of approximation, and the solution of differential equations. Prerequisites: MTH 111, 315.

Computer Science

CSC 101 Computer Science I (4) This course introduces the fundamental ideas of Computer Science, including computer organization, data storage, programming as a problem-solving activity, top-down design, and methods of algorithm development. The high-level programming language Pascal is taught and used to design, code, debug, and document programs. Good programming style is emphasized heavily throughout.

CSC 102 Computer Science II (4) This course continues the analysis of problems and the development of algorithms started in Computer Science I. This is the first course in Data Structures and Algorithms. The course introduces topics such as recursion, internal sorting and searching, fundamental string processing, simple data structures including stacks, queues, lists, trees, and the algorithms to manipulate them. Prerequisite: CSC 101.

CSC 220 UNIX Workshop (1) A one credit workshop in the fundamentals of the UNIX TM operating system. The course will cover the basics of using UNIX for program development and text processing, the UNIX file system, UNIX commands, the Bourne and C shells, the vi screen editor, and the nroff, awk, yacc, lex, tbl, and mail utilities. Prerequisite: CSC 102.

CSC 221 Language Workshop (1) A one-credit workshop in one of several programming languages available, and in programming in the UNIX development environment. Topics include the structure of programs, control structures, functions, data types, string operations, and special topics appropriate to the language being studied. Students write several programs in the selected language during the course of the workshop. Each workshop will feature a different language and the course may be repeated for credit. Languages taught include C, Basic, Lisp, Fortran 77, Prolog, Ada, and Modula-2. Prerequisite: CSC 102.

CSC/MTH 300 Problem Seminar (1) This seminar is primarily intended for mathematics and computer science majors. It will provide an opportunity for students to deal with larger problems arising in both of these disciplines. The problems studied will differ each time the seminar is offered. This seminar may be repeated. Prerequisites: MTH 172, CSC 102.

CSC 303 Computer Systems (3) This is the first course in computer architecture presented through the vehicle of assembly language programming. The course includes topics in computer organization and structure, machine language, computer arithmetic, assembly language, addressing techniques, program segmentation and linkage, and the assembly and linking process. The assembly language used is that of PDP-11, with comparisons to the VAX 11. Prerequisite: CSC 102.

CSC 304 Computer Architecture (3) This course provides a detailed examination of computer architecture. Topics include logic design, processor control, microprogramming, the memory hierarchy, input/output organization, arithmetic, computer communications, and microprocessor architecture. Machines studied include Intel 8086 and Motorola 680x0. Prerequisite: CSC 303.



CSC 305 Principles of Database Systems (3) This course introduces the concepts and techniques of structuring data on secondary storage devices, file processing technique, data base organization, design, and manipulation using the relational, network, and hierarchical models. Particular attention is paid to the relational model and relational algebra. The INGRES data base management system is primarily used for laboratory work, but students also use the Oracle and DBASE III relational database systems. Prerequisites: CSC 102.

CSC 311 Artificial Intelligence (3) This course presents an introduction to the ideas of artificial intelligence and the LISP programming language. Topics covered include history of automata, the mind-body problem, knowledge representation, pattern making, goal reduction, constraint exploitation, depth-first and breadth-first search, problem solving, expert systems, and logic programming. Prerequisites: CSC 102.

CSC 406 Operating Systems (3) This course covers the theory and practice of modern operating system design. Topics include processor scheduling and management, memory management techniques, file systems, virtual memory, I/O and secondary storage scheduling, deadlocks, concurrency, and distributed systems. The specific operating systems studied are UNIX, and VAX/MVMS. Student projects include writing a simulation of processor scheduling, a device driver, or the kernel of a simple time-sharing operating system. Prerequisites: CSC 304, MTH 141.

CSC 407 Data Structures and Algorithms (3) Devoted to advanced algorithms, this course continues and deepens the study of data structures and algorithms begun in CSC 302 Computer Science II. Topics include linked data structures, such as trees and generalized lists, and graphs, records and files. Algorithms are developed to perform internal sorting, searching, union and find operations. Dynamic storage allocation is stressed. Time and space requirements for the algorithms are derived and complexity theory is introduced. Prerequisites: CSC 102, MTH 321.

CSC 408 Organization of Programming Languages (3) This course introduces programming language constructs from the point of view of the language designer. Topics include language definition, syntactic and semantic definition languages, data types and structures, control structures and the power of control structures, interpretive languages, functional languages, lexical analysis and parsing. The laboratory component of the course usually involves writing a parser for a small structured procedural programming language. Prerequisites: CSC 102, MTH 321.

CSC 409 Topics in Computer Science (3) This course will vary from year to year depending on the interests of the students and the instructor. The course has a seminar format and is open only to students who have already completed the courses required for the Computer Science major. Course topics include Computer Networks, Software Engineering, Human Factors in Software Design, Computers and Society, Complexity Theory, and Performance Evaluation of Computer Systems. The course may be repeated for credit. Prerequisite: Completion of the Computer Science major.

CSC 410 The Structure and Interpretation of Computer Programs (3) A course in functional programming, which uses Scheme as a language to address the fundamental issues of computer science: such as managing the complexity of large systems, building abstractions, establishing conventional interfaces, and establishing new descriptive languages. Prerequisite: MTH 172, 321 and CSC 101, 102.

MUSIC

Program Description

The major in music performance (55-58 hours) requires: MUS 131, 132, 133, 134, 165, 231, 232, 233, 234, 355, 356, 357, 390 and 490; 16 hours from MUS 104, 204, 304, and 404; 8 hours from MUS 109, 110 and/or 112; and 3-6 hours of electives in music. All majors must pass a piano proficiency exam.

Those interested in a music minor should contact department faculty.

Courses of Study

MUS 100 Fundamentals of Music (3) A general survey of music reading, instrumental performance and music theory. The course is designed for students with little or no previous musical experience. (This course does not apply toward degree credit for the music major.)

MUS 104, 204, 304, 404 (1-2) Private Lessons. Lessons are typically available in voice and nearly all standard orchestral instruments and some non-standard ones. Students should inquire at the Department office for current offerings.

MUS 105 Instrumental Techniques: String (1) The teaching of violin, viola, cello, and bass in the classroom.

MUS 106 Instrumental Techniques: Woodwinds (1) The teaching of the clarinet, flute, oboe, saxophone, and bassoon in the classroom.

MUS 107 Instrumental Techniques: Brass (1) The teaching of the trumpet, trombone, and horn in the classroom.

MUS 108 Instrumental Techniques: Percussion (1) The teaching of percussion instruments in the classroom.

MUS 109 The Lindenwood Band (1) This large instrumental ensemble will be a multifaceted organization, serving as the College Symphonic Band and the College Pep Band. Jazz ensembles may be formed with selected members of the core ensemble. Musical literature will include concert band, popular, Broadway and seasonal repertoire. Prerequisite: permission of instructor. May be repeated for credit. Instrumental music majors will be required to perform in the band.

MUS 110 Choral Ensemble (1) Open to all students with permission of instructor.

MUS 112 Instrumental Music Ensembles (1) Open to all students by audition.

MUS 114 Class Piano I (2) A course for the student with little or no musical background who wishes to learn the basic principles and concepts of reading and playing music.

MUS 115 Class Piano II (2) Continuation of Class Piano I. Prerequisite: MUS 114 or consent of instructor.

MUS 131, 132 Music Theory I, II (3) (3) Develop skills of harmony, sight singing, and ear training. Includes lab. Prerequisite: Passing music proficiency exam.

MUS 133, 134 Aural Training I, II (1) (1) Part of a 4-semester sequence, this course develops tonal memory and sight-singing skills needed for the music major. It will be a practicum for developing harmonic/melodic dictation and sight singing techniques. Course content corresponds with materials presented in the Music Theory course. Prerequisite (for non-major/minors): permission of instructor.

MUS 140 Voice Class (2) Basic principles and techniques of voice production including breathing, phonation, resonance, and diction. Members of the class will perform vocal exercises, solo song repertoire, and small ensemble pieces (duets, trios, quartets, etc.) and study fundamentals of music notation in a manner designed to improve and develop their sight-reading skills and musicianship.

MUS 165 Introduction to Music Literature (3) This course is designed to introduce students to major forms, masterworks, and composers of Western art music. The approach will be by genre (i.e. symphony, opera, concerto, etc.) with specific attention to the major works in each rather than a chronological survey, and although a certain amount of elementary stylistic and formal analysis will be involved, the emphasis will be on listening skills. The one-semester course will help to prepare them for more advanced work in Form and Analysis and Music History classes.

MUS 200 Piano Pedagogy (3) A course designed for the student interested in maintaining a private studio. Study of pedagogical techniques, graded literature and materials, and other problems related to the teaching of private lessons in piano.

MUS 231, 232 Advanced Music Theory I, II (3) (3) With lab. Principles of musical composition, approached from the basis of both theoretical and historical development. Further work in harmony, sight-singing, and ear training. Prerequisites: MUS 131, 132.

MUS 233, 234 Advanced Aural Training III, IV (1) (1) Part of a 4-semester sequence, this course continues the development of tonal memory and sight-singing skills needed for the music major. It is a practicum for developing harmonic/melodic dictation and sight singing techniques. Course content corresponds with material presented in the Music Theory classes. Prerequisite: (for non-majors/minors) permission of instructor



MUS 260 The History of Jazz (3) A study of jazz from its early folk song origins in the 19th century, through the forties, to the free jazz of Ornette Coleman, John Coltrane, and Miles Davis. Recordings are used to help the student hear stylistic differences and the musical developments which grew out of this art form. No previous musical experience is required.

MUS 350 Form and Analysis (3) Advanced studies in form, dealing primarily with complex unusual structures not encountered in previous theory studies.

MUS 355 History of Music I (3) Traces the development of Music in the culture of the Western World from 1000 B.C. to approximately 1750 A.D. Prerequisite: MUS 165.

MUS 356 History of Music II (3) Follows the development of music in the culture of the Western World from 1750 A.D. to the modern era. Prerequisite: MUS 165.

MUS 357 History of Music III (3) An in-depth study of Romantic and twentieth-century music. Prerequisite: MUS 165.

MUS 360 Orchestration/Arranging (3) A study of the instruments of the modern symphony orchestra, their respective characteristics, and their uses in orchestration. Arrangements are made for string, woodwind, and brass combinations, and scoring is done for full orchestra. Prerequisite: MUS 231.

MUS 383 Introduction to Conducting (2) Score reading, conducting techniques, rehearsal procedures, organizational procedures.

MUS 384 Conducting Studio (2) A study of advanced choral techniques effective for conducting and managing a large choral group. Basic principles of correct vocal production are stressed. Prerequisite: MUS 383.

MUS 390 Junior Recital (0-1) The student will perform a formal recital representing a culmination of applied studies from the degree program. A faculty committee will be appointed to approve or disapprove the recital performance.

MUS 411 Counterpoint (3) A course designed to give the student an appreciation of contrapuntal music of the Baroque period. The study will include analysis of the standard contrapuntal literature of the Baroque and written exercises involving techniques of the period. Students will be writing: inventions, canons and fugues. Prerequisites: MUS 232 and 234.

MUS 490 Senior Recital (0-1) The student will perform a formal recital representing a culmination of applied studies from the degree program. A faculty committee will be appointed to approve or disapprove the recital performance.

Note: The letter T following a course number indicates a tutorial course which is offered at a time to be determined between the instructor and student.

NATURAL SCIENCES

Program Description

Natural Science courses are offered as interdisciplinary courses in the Natural Science and Mathematics Division. No major is offered.

Courses of Study

SCI 210 Scientific Terminology (2) A course designed for students in pre-medicine, pre-dentistry, nursing, and the allied scientific fields to give a command of scientific vocabulary through the study of prefixes, suffixes, and root words derived from Latin and Greek.

SCI 212 History of Science (3) Science viewed as a series of peaceful interludes punctuated by intellectually violent revolutions—in which one conceptual world view is replaced by another.

SCI 214 Ethical and Moral Problems in Science and Medicine (3) A brief consideration of some of the ethical and moral problems in science and medicine. Advances in science and medicine have posed many problems that call for a solution if life and the universe as we know it are to survive. It shall be the task of this course to attempt to address at least some of the following topics: the care of the earth, research and human experimentation, genetic engineering, death and dying, and allocation of scarce resources.

PERFORMING ARTS

Program Description

An interdisciplinary major is offered through the programs in Music, Dance and Theatre. The major (45-48 hours) requires: MUS 100, TA 101, 140, 206, 271, 272, and 350; 3 hours from MUS 110, 112, and/or 140; 6 hours from MUS 104, 204, 304, 404; 6 hours from TA 301, 302, 401 and 402; 6 hours from TA 105, 141, 205, 240, 241, 340, and 440; and 3-6 hours from TA 100, 102, 403, 404 and 405.

Course descriptions may be found under the Music and Theatre course listings.

PHILOSOPHY AND RELIGION

Program Description

Courses in Philosophy and Religion are offered in the Social Sciences Division. No major is offered in either subject.

Courses of Study

Philosophy

PHL 100 Introduction to Philosophy (3) This course is designed to introduce the student to the activity of philosophy by studying the ways in which a number of important philosophical schools have attempted to deal with such major concerns as proof of the existence of God, the challenges of science and materialism to free will, the basis for human knowledge, and the justification of moral beliefs.

PHL 211 Ancient/Medieval Philosophy (3) This course investigates the key ideas of the major philosophers from 600 B.C. to 1400 A.D. 13th century, including the pre-Socrates, Socrates, Plato, Aristotle, Augustine, Anselm, and Aquinas. Special emphasis is placed on Aristotelian metaphysics, classical proofs for the existence of God, nature of knowledge and the relation between philosophy and Christianity. Only original sources are used.

PHL 212 Modern Philosophy (3) An investigation of the original texts of the major philosophers of the enlightenment—rationalists and empiricists—tracing the emergence of modern science, the great political revolutions of the 17th and 18th centuries and rising romanticism of the early 19th century. Emphasis on the works of Descartes, Locke, Hobbes, Hume, Rousseau and Kant. Only original sources are used.

PHL 213 Contemporary Philosophy (3) A study of the major philosophical movements of the 19th and 20th centuries, including existentialism, philosophy of science and language, pragmatism, and social and political philosophy. Emphasis on the works of Hayek, Nietzsche, Sartre, Russell, Wittgenstein, Austin, James, and others. Only original sources are used.

PHL 214 Ethics (3) This course provides students with a general understanding of the development and status of ethics as a theoretical discipline and of its relation to social and political philosophy. It includes an investigation of the ethical theories of Aristotle, Kant, Rawls, utilitarians, rights theorists, and contractarians. Issues of virtues and rights are examined in detail. Only original sources are used.

PHL 215 Logic (3) This course provides students with the information and tools for developing skills in constructing and analyzing arguments. The course presents the basic principles of Aristotelian and contemporary truth functional logic. It treats logical fallacies, categorical syllogism, the square of opposition, Venn diagrams, propositional logic, truth tables, natural deduction, and induction.

PHL 216 Philosophy of Business and Economics (3) This course investigates the philosophy of business and economics as developed in the works of Aristotle, Aquinas, Adam Smith, Karl Marx, Ludwig von Mises, welfare economists, and contemporary market theorists.



PSY 201 Psychology of Adolescence (3) A study of physical, intellectual, emotional and social development during the period of adolescence. Research studies are given special attention in studying the development of a sense of personal identity, changing roles in family, school and community, and problems of adjustment, delinquency and drug abuse.

PSY 231 Creative Problem Solving (2) An intensive experience designed to develop an understanding of the processes of problem-solving and creativity. Students will be directly involved in activities through which they can explore and expand their own creativity in solving everyday problems encountered in management, decision-making, working, and living. (A previous course in Psychology is recommended.)

PSY 262 Death and Dying (1) An exploration of the physical, emotional, psychological and social ramifications of the process of dying. Included are considerations of socially prescribed attitudes and ritual, existential crises, and case studies of the death experience. Students will review and discuss current psychological theories and research on dying.

PSY 300 Research Methods in Psychology and the Social Sciences (4) A course in the techniques of behavior observation and analysis in which students learn to design and conduct research in the social sciences, to analyze the data meaningfully, and to present their findings to others. Equal emphasis is given to survey, correlational, and experimental methods. Prerequisite: SS 310.

PSY 301 Theories of Personality (3) The major theories of personality are studied along with the research on which the theories are based. Students will undertake independent projects exploring aspects of personality theories. Prerequisite: PSY 100 or 101.

PSY 302/SED 302 Behavior Modification (3) Study of the application of learning principles to practical problems of behavior with emphasis on behavior management and behavior modification in home, school, and clinical settings, laboratory study in acquisition of new behaviors, and visits to local programs using behavior modification with normal and exceptional persons. Prerequisite: PSY 100 or permission of instructor.

PSY 303/SED 303 Abnormal Psychology (3) A survey of the major classes of behavior disorders. Emphasis is given to understanding symptoms, the complex interaction of factors related to disordered behavior and various approaches to correction of behavior problems.

PSY 310 Industrial/Organizational Psychology (3) Survey of the principles of psychology as related to management and supervision of people in an industrial environment. Includes small group dynamics, leadership, motivation, counseling, and assessment. Some relevant case studies are discussed, and games and simulations are used to explore principles. Prerequisite: PSY 100 or 101. Not available to students who have taken PSY 209.

PSY 312 Psychology of Aging (3) This course focuses on the aging person. Development processes involving sensory, perceptual, intellectual and personality changes from young adulthood through old age provide the framework for understanding the process of aging. The area of study includes the role of the older person in the family and society as well as issues related to economics, leisure, retirement and death.

PSY 324 Psychological Testing (4) A study of theory of mental measurement and the principles of reliability, validity and standardization as they are applied to the construction, interpretation and use of education and psychological tests. Tests of achievement, aptitude, intelligence, interest and personality will be studied as illustrations of the problems of measurement and the variety of solutions to those problems. Ethics of test use will be given special consideration. Each student will complete a term project in constructing, validating, and norming a test. Prerequisites: Two prior courses in psychology.

PSY 324 Psychological Testing-B (4) The same course as PSY 324; however, the term project will involve learning to administer, score and interpret one of the most frequently used tests of individual abilities: WISC, Stanford Binet. Prerequisite: Two prior courses in education and psychology.

PSY 330 Psychology of Learning (3) Study of how old behaviors are changed and new behaviors are acquired as a result of experience. Attention is also given to theories and empirical findings in the field of human memory. Students will carry out an experiment in learning or memory. Prerequisite: PSY 100.

PSY 332 The Psychology of Motivation (3) An analysis of the major theories of motivation, the data on which they are based, and the methods used to generate the data. Prerequisite: PSY 100 or 101.

PSY 334 Explorations in Social Psychology (3) Study of theories of and research into the individual's interrelationships with other people and with his/her social groups. Topics include social motivation, socialization, personal perception, liking and attraction, conformity, persuasion, attitude formation and change, prejudice, and mob and crowd behavior.

PSY 335 Topics in Biopsychology (2) Study of biological aspects of behavior, including neurophysiology, motivation and memory. Prerequisite: PSY 100 and BIO 100.

PSY 340 Altered States of Consciousness (1) Research will be done in the area of hypotheses, meditation and biofeedback. The students will work in small groups to complete both a review of current literature and an empirical study. A discussion seminar format is employed to evaluate the literature, and students will prepare research reports. Prerequisite: PSY 100.

PSY 341 Counseling and Psychotherapy (3) An introduction to the theories, principles and techniques of counseling and psychotherapy. Prerequisite: PSY 203 or 301.

PSY 365 Human Sexuality (3) Survey of theories of and research into psychological aspects of human sexual behavior. Topics include: sex differences in the development of sexuality, psychological factors in sexual behavior, sexual behavior in cross-cultural perspective, sexual behavior in special populations, aberrant sexual patterns, and current sexual trends in America.

Field Studies: Advanced students are given an opportunity to explore applications of psychology in field study experiences. Field studies require prior mastery of psychological concepts related to the designated situation and thus must be approved by the department chairperson before registration.

PSY 401 Field Study in Experimental Psychology (Credit Variable) Opportunity for the advanced student to work in a professional laboratory situation and to take responsibility for development and execution of a substantial behavioral research project. Prerequisites: PSY 300, Junior standing, and approval of chairperson.

PSY 402 Field Study in Child Development (Credit Variable) Opportunity for the advanced student to actively participate under qualified supervision in a psychological program for normal or exceptional children. Prerequisites: PSY 300, Junior standing, and approval of department chairperson.

PSY 403 Field Study in Interpersonal Behavior (Credit Variable) Supervised work experience for the advanced student in the psychology department of a mental health agency, emphasizing the objectives and procedures required in establishing a helping relationship with persons who have behavior problems. Prerequisites: PSY 300, Junior standing, and approval of department chairperson.

PSY 432 Advanced General Psychology (3) Students survey the history of psychology and analyze recent developments in various fields of psychology in historical perspective. *Each student will conduct in thorough literature review of a general topic and write the equivalent of one chapter of an introductory psychology textbook. Also, professional issues and ethics will be covered. Prerequisites: PSY 100 and Junior standing.

SKILL

DEVELOPMENT

Each of the following courses carry two semester hours of credit. Students assigned to these courses will be required to complete 120 semester hours of credit in addition to the credits earned from these fundamental courses toward their degree completion.

COL 051 Fundamentals of Reading (2)

COL 052 Fundamentals of Writing (2)

COL 053 Fundamentals of Mathematics (2)

SOCIAL SCIENCE

SS 310 Social Science Statistics (3) This course presumes a knowledge of basic mathematical operations. Emphasis is placed on the application of descriptive and inferential statistics to research problems and data sets characteristically encountered in the social sciences. Topics included are point and interval estimation of population parameters, correlational techniques for a scales of measurement, and parametric and nonparametric hypotheses-testing technique. Prerequisite: MTH 141 or permission of the instructor.

SOCIOLOGY/

ANTHROPOLOGY

Program Description

The department offers a degree in Sociology. M requirements include: (27-42 hours) ANT 112, SOC 320, 325 and SS310 (optional). Consult department faculty for details on Sociology and Anthropology m



Courses of Study

SOC 102 Basic Concepts of Sociology (3) An introduction to the basic concepts and theories that enable us to understand and explain human group behavior in various social contexts. Application of sociological concepts to socialization, social interaction, groups, stratification, contemporary industrial society and Third World Societies, ethnic groups, social change, and social institutions.

ANT 112 Cultural Anthropology (3) An introduction to the four subfields of Anthropology (Physical Anthropology, Archaeology, Linguistics, and Ethnology). The course will examine the findings of each of these differing fields in order to explore the evolution of various cultures throughout the world.

ANT 122 Human Evolution: Biology and Culture (3) This course surveys the findings from recent anthropological research on the physical and cultural evolution of humanity. Students will be introduced to the recent genetic, fossil, and archaeological evidence for human physical and cultural evolution. Special attention will be given to the evidence linking biological and cultural factors in influencing human behavior.

ANT 205 Cultures of South and Southeast Asia (3) An introduction to the cultures of South Asia (India, Pakistan, Bangladesh, Nepal, Sri Lanka, Bhutan, and Sikkim) and Southeast Asia (Burma, Thailand, Laos, Kampuchea, Vietnam, Malaysia, Indonesia, Philippines) through an examination of the socioeconomic patterns, political systems, and religious traditions found in these societies.

ANT 210 North American Indians (3) An examination of the origin, traditional culture, and current situation of the Native Americans. Some attention is given to the history of Indian/White relations.

SOC 214 The Family (3) An exploration of the interpersonal dynamics of family life, the variation in family structure and function in different social classes and cultures.

SOC 215 Major Institutions in American Society (3) An examination of the current situation in our social institutions—education, economy, government, religion, and social services (including medicine and welfare)—emphasizing their interaction with each other, their common bureaucratic problems, and the balance between professionalism and voluntary efforts.

SOC 218 Race and Ethnicity: A Global Perspective (3) This course focuses on patterns of race and ethnic relations throughout the world. Selected issues in contemporary race and ethnic relations in American society are examined.

SOC 220 Social Problems (3) A systematic description and exploration of social problems of industrial and post-industrial society. The relationship of social problems to social change, value conflict and personal deviation will be examined. Urban and rural change, threats to the natural environment, the family, education, poverty, crime and civil liberties are some of the problem areas explored. This course is relevant to career preparation for all of the helping professions.

SOC 221 Urban Sociology (3) Covers the growth of cities with primary emphasis upon the industrial and post-industrial periods. Specific topics covered will include metropolitan growth, suburbanization, patterns of social geography and social segregation. Attention will also be paid to the relatedness of urban development and emergent economic, political and social issues.

ANT 234 Islamic Societies (3) An introduction to Islamic societies of the Near East, South and Southeast Asia. The course will focus on the contemporary demographic, economic, social political, religious, and ideological trends that are evident in Islamic regions.

SOC 318 Race and Ethnicity (3) An examination of the fundamental causes of inequality and stratification. Selected issues in contemporary American society, including class, race and ethnicity. The evaluation of various strategies for altering patterns of inequality. Prerequisite: SOC 102 or ANT 112.

SOC 320 Social Thought and Theory (3) Survey introduction to the history of sociological theory and social thought. Emphasis on selected European and early American theorists who have had a strong impact on contemporary sociology. Prerequisite: SOC 102 or ANT 112.

SOC 321 Complex Organizations (3) An examination of the changing patterns of American community life. A presentation of the structure and process of complex organizations and relationships to their social environments. The relation of both community and complex organization to new forms of social organization. Theory for this course is based upon sociocultural and general systems approaches. This course is central to career preparation for Business, Public Administration, and Social Work. Prerequisite: SOC 102 or ANT 112 or consent of instructor.

SOC 322 Social Deviance (3) Social deviance is defined as behavior which violates social norms. The social creation, function, organization and consequences of types of social deviancy are studied as well as ways to regulate and to control it. This course is central to career preparation for Public Administration, the Administration of Justice and Social Work. Prerequisite: SOC 102 or ANT 112 or consent of instructor.

SOC 323 Sociology of Health and Medical Care (3) An examination of the social facts of health and illness, the social functions of health institutions and organizations, and the relationship of systems of health care to other social systems. Disease prevention and health promotion, women's health movement, self-care, and current trends in social and economic policy relevant to public health and to private health care will also be covered. This course is central to career preparation for Medicine, Sports Medicine, Athletic Training, Public Health, Medical Care Administration and Social Work. Prerequisite: SOC 102 or ANT 112 or consent of instructor.

ANT 324 Religion and Culture (3) Anthropological approaches to the study of religion, religious beliefs and practices of selected non-Western and Western cultures. Prerequisites: ANT 112 or SOC 102 or REL 200 or consent of instructor.

SOC 325 Introduction to Social Research Methods (4) A basic course introducing current research techniques, methodological approaches, and the analysis of data. Students participate in designing and conducting research. Prerequisites: SOC 102 or ANT 112, MTH 106.

SOC 330 Sociology of Aging (3) An exploration of human aging: demographic trends, physical, psychological, and social aging; family and social support; employment and retirement; death and dying; the economics and politics of aging; health and social services; future prospects.

SOC 340/ANT 342 Current Topics in Sociology or Anthropology (3) This course will deal with a specialized aspect, topic, or region in Sociology or Anthropology. Each topic is announced and a course description provided at the time of registration. Prerequisite: SOC 102 or ANT 112 or consent of instructor.

SOC/ANT 391, 392, 393 Independent Study Courses (1-3)

SOC 400 Field Study (3)

SOC 450 Internships (6 or more)

SOC 499 Honors Project (6)

THEATRE

Program Description

The theatre major (45-48 hours) will include core requirements of 30-33 hours and a major emphasis of 15-18 hours in performance or design.

The core requires: TA 101, 111, 112, 206, 216, 271, 272, 306, 3 hours of dramatic literature chosen from advanced level Theatre courses or free elective English courses, and 3-6 hours from TA 100, 102, 403, 404, and 405.

The performance emphasis requires: TA 106 or 140, 201, 204, and 6 hours from 301, 302, 401, and 402. The design emphasis requires: 3 hours from ART 106, 108, or 136; 6 hours from TA 207, 208, 209 and 211; and 6 hours from TA 307, 308, 309, 407, 408 and 409.

Courses of Study

TA 100 Theatre Practicum (1) Practical work on stage productions. Open to all students. May be repeated.

TA 101 Acting I (3) Designed to teach basic skills to the beginning actor, the course explores the techniques of concentration, relaxation, nonverbal communication, and improvisation. This course is designed for both theatre majors and non-majors.

TA 102 Performance Practicum (1-2) Refines acting skills under the direction of a faculty stage director or choreographer. No more than 4 total credits in the course may apply to any major or minor in the department. Prerequisite: permission of instructor.

TA 105 Stage Movement (3) Basic non-verbal and physical explorations related to the development of the actor's body as a psychologically and physically responsive instrument.



TA 111, 112 Introduction to Technical Theatre I, II (3) (3) An introduction to the total technical spectrum of the theatre, from the construction of scenery to scene painting, stage lighting mechanics, and the construction of costumes. Topics range from scarf joints to color theory, drafting techniques, and darts and French seams.

TA 117 Introduction to the Theatrical Arts (3) An examination of the origins, forms and styles of drama, dance and musical theatre and their esthetic values and studies the relationships of the collaborative artists in their contributions to these arts in performance. Laboratory work will include attending actual performances of the various forms.

TA 140 Introduction to Dance I (3) An introduction course in the theory and technique of dance. Emphasizes dance as a visual and kinesthetic art. Will develop body awareness and expand individual movement range.

TA 141 Introduction to Dance II (3) Continuation of TA 140. Prerequisite: TA 140 or permission of instructor.

TA 201 Acting II (3) Designed to be a scene-study class, the course explores the techniques for character analysis as described by Stanislavski. Students perform selected scenes from plays especially chosen to give them the necessary skills for building a character and creating a role for the stage. Prerequisite: TA 101.

TA 204 Stage Voice I (3) Mechanics of voice and diction geared to the individual actor's needs and problems. Prerequisite: TA 101 and permission of instructor.

TA 205 Stage Combat (3) Theory and studio exercises in armed and unarmed stage combat. Prerequisite: TA 105 or 201.

TA 206 Script Analysis (3) This basic course in theatrical theory presents the analytical and research processes necessary to the consideration of any play prior to production. The approach is necessary for persons working in any of the artistic roles in the theatre.

TA 207 Set Design (3) An introduction to the process of set design, from research and thumbnail sketches to color elevations, and property sketches. Two (or more) designs will be completed in a thorough step-by-step procedure.

TA 208 Lighting Design (3) An introduction to the mechanics of stage lighting, from ohms to SCR's and a thorough examination of lighting design, from lighting plot and dimmer list to rough copy of cues and levels.

TA 209 Costume Design (3) Study of the purposes of stage costume, research of script and period, designer/director relationship, character and mood choices in styles and colors, and rendering of plates. Prerequisite: TA 111 or permission of instructor.

TA 211 Problems in Technical Theatre (3) Study and practice of theories and skills in set construction, scene painting, and lighting instrumentation.

TA 216 Stage Make-up (3) Correct techniques in the application of stage make-up from corrective to old age, style in make-up form realistic through stylized to fantasy, creation and use of facial hair and prosthetics, wig and hair style, and the development of masks.

TA 217/BFA 276 History of Costume and Fashion (3) Course traces the styles of human dress in world culture from the Biblical era to the mid-20th Century.

TA 240/241 Intermediate Dance I, II (3) (3) Emphasized improved technical and performance ability, movement qualities, phrasing and knowledge of choreographic diversity and potential. Prerequisite: TA 141 or permission of instructor.

TA 271 History of Performing Arts I (3) Study of the performing arts of drama, dance, and music: their interrelation, styles in form and production, their basis in contemporary philosophical ideas and their interpretations in the original period and now, from the beginnings to the developments in 17th century French Neoclassicism. Prerequisite: HIS 100 or concurrent registration, ENG 102.

TA 272 History of Performing Arts II (3) Study of the performing arts of drama, dance, and music: their interrelation, styles in form and production, their basis in contemporary philosophical ideas and their interpretations in the original period and now, from the English Restoration through the rise of modern forms. Prerequisites: HIS 100 or concurrent registration, ENG 102.

TA 301 Acting Studio I (3) Designed to be an advanced scene study class, the course explores the techniques of characters in the plays of various periods and styles. Prerequisite: TA 201 and consent of instructor.

TA 302, 401, 402 Acting Studios II, III, IV (3) (3) Advanced scene study classes and acting styles. Exploration of the styles of Shakespeare, Moliere, and contemporary playwrights. Prerequisites: TA 201 and consent of instructor.

TA 306 Directing (3) Fundamental theory and practice for the stage director. Prerequisite: TA 201 and 206.

TA 307, 407 Set Design I, II (3) (3) Studio courses for the student interested in a career in scenic design. Designs chosen and completed with an emphasis on portfolio and personal artistic growth, the business of making a living in the field, from contacts to contracts, to the union and underlying themes. Prerequisite: TA 207.

TA 308, 408 Lighting Design Studio I, II (3) (3) Studio courses for the student interested in a career in lighting design. Designs will be chosen to build individual portfolios and to challenge one's knowledge of lighting. Prerequisite: TA 208.

TA 309, 409 Costume Design Studio I, II (3) (3) Studio courses for students interested in a career in costuming. Designs will be chosen to build individual portfolios and to challenge the advanced student's knowledge of costuming and design. Prerequisite: TA 209.

TA 335/ENG 335 (3) Modern Drama (3) A study of directions in modern and contemporary drama from Ibsen to the present. Includes realism and naturalism and symbolist, poetic, expressionist, existentialist, "epic," and experimental plays.

TA 336 Survey of Dramatic Literature (3) All major periods of the Western World from ancient Athens to the present. Prerequisite: ENG 201-202.

TA 340/440 Dance Theory (3) (3) Advanced level dance courses. Emphasis on continued artistic growth, personal expression and knowledge of dance aesthetics and criticism. Prerequisite: TA 241 or permission of instructor.

TA 350 Theory & Composition of Dance (3) Emphasis on principles of choreography, awareness of personal movement styles, thematic and conceptual material for dance, rehearsal, and editing of dances and the interaction of dance with the other arts including music, painting and poetry. Prerequisite: TA 240 or permission of instructor.

TA 360 Traditional Drama of Asia (3) A study of the universal puppet drama, Sanskrit drama of India, Yuan Drama and Peking Opera in China and the Noh and Kabuki theatre in Japan, their historic development and styles and their modern production and influence on contemporary culture.

TA 383 American Musical Theatre (3) A study of the development of the genre of Musical Theatre. This course traces the origins of Musical Theatre from its roots in music hall entertainment, vaudeville, and melodrama. The course uses musical scores, video tapes, and film adaptations to explore current musical theatre entertainment.

TA 403 Applied Acting Studio (3) Performance course related to a specific role in a dramatic work, concentrating on style, period and genre of the work. May be repeated for credit with permission of the instructor.

TA 404 Applied Set Design Studio (3) Set design course related to a specific dramatic work, concentrating on style, period and genre of the work. Specific application of technical related skills will play a major part of this course. May be repeated for credit with the permission of the instructor.

TA 405 Applied Costume Design Studio (3) Costume design course related to a specific dramatic work, concentrating on style, period and genre of the work. Specific application of costume related techniques will play a major part in this course. May be repeated with permission of the instructor.

TA 406 Advanced Directing (3) Exercises in analysis and style leading to the production of a one-act play. Prerequisite: TA 306 or permission of instructor.



Evens, James D., Professor, Psychology, 1974; B.S., Geneva College; M.S., Ph.D., Iowa State University.

Evvas, Kazimierz, Assistant Professor, Business Administration, 1984; Technical University of Wrocław, Poland; Ph.D., Southern Illinois University.

Factor, James Dennis, Associate Professor, Computer Science, 1990; B.A., M.S., and Ph.D., St. Louis University.

Foely, James H., Associate Professor, English, 1958; B.A., M.A., Northwestern University.

Foley, William, Jr., Assistant Professor of Business Administration, 1991; A.A., Southeast Missouri State; B.S. and M.B.A., Southeast Missouri State.

Fields, N. Jean, Associate Professor, English and Communications, 1969; B.A., Morris Harvey College; M.A., Ohio State University.

Fleming, Edward, Instructor of Physical Education and Athletic Training, 1990; B.S., University of Missouri-St. Louis; M.S., Indiana State University; Athletic Trainer Certification by National Athletic Trainers Association.

Griffin, Peter, Assistant Professor, History, 1989; B.A., University of California-Santa Barbara; M.A., University of California-Santa Barbara; Ph.D., University of California-Santa Barbara.

Hagan, Oliver, Assistant Professor of Business, 1990; B.A., Baldwin-Wallace College; Drew University; M.S., Hankamer School of Business, Baylor University.

Henderson, M. Gene, Education Division Dean, Professor, Education, 1981; B.M.E., Central Methodist College; M.Mus., Indiana University; Ed.D., University of Missouri.

Hess, Frederick, Professor, History, 1971; B.A., M.A., Ph.D., University of Illinois.

Holst, Robert L., Associate Professor, Business Administration, 1981; B.A., B.S., University of Missouri; C.P.A.

Juchacz, Niki, Associate Professor, Theatre, 1981; B.F.A., Washington University; M.F.A., Lindenwood College.

Kemper, Daniel, Assistant Professor & Faculty Advisor, LCIE, 1988; B.S., Lindenwood College, M.B.A., Lindenwood College.

King, Robert W., Dean and Associate Professor, Business Administration, 1976; B.A., Indiana University; M.A., Purdue University.

Kottmeyer, Rita M., Assistant Professor of Mathematics, 1990; B.S., M.A., and Ph.D., St. Louis University.

Kottmeyer, William K., Full Professor, 1990; B.S., Missouri University; B.A., Maysville College, M.S. and Ph.D., St. Louis University.

Lehmkuhle, Cynthia, Assistant Professor, Mathematics, 1989; B.S., Wright State University; M.S., Middle Tennessee State University.

Leumsters, Betty Donley, Assistant Professor in the Lindenwood College for Individualized Education (LCIE), 1991; A.D.N., Belleville Area College; B.S.N., Washington University; M.S.N., Psychiatric Nursing, University of Missouri-St. Louis; Ph.D., Higher Education, St. Louis University.

Levi, Heat, Associate Professor, Art, 1988; B.S., B.A., Washington University; M.A., San Francisco State University.

Liu, Shih Kung, Associate Professor of Chemistry, 1991; M.S., Physical Chemistry, University of Portland; Ph.D., Physical Organic Chemistry, Florida State University.

Martin, Terry, Assistant Professor, Music, 1989; Licence D'Enseignement, Ecole Normale de Musique de Paris; B.M., Webster University; M.M., Southern Illinois University-Carbondale; Ph.D., Washington University.

Meyers, Alan, Assistant Professor, Religion, 1989; A.B., Princeton University; M.Div., Princeton Theological Seminary; Ph.D., Union Theological Seminary-Virginia.

Moore, Lynn R., Assistant Professor, Director, Fashion Marketing, 1982; B.A., Northwestern University; M.B.A., Lindenwood College.

Nasr, Mohab M., Associate Professor, Chemistry, 1979; B.S., M.S., University of Cairo; Ph.D., University of Minnesota.

Nichols, John, Associate Professor, Mathematics, 1969; B.S., Hampden-Sydney College; M.A., University of Virginia.

Nickels, Pamela, Assistant Professor in the Lindenwood College for Individualized Education (LCIE), 1991; B.A., Foothill College; M.Ed., Special Education, University of Missouri-St. Louis (UMSL); Ph.D., Counseling, UMSL.

Openlander, Patrick, Assistant Professor and Faculty Advisor, LCIE, 1989; B.A., Cardinal Glennon College; M.A., Ph.D., Saint Louis University.

Payne-Brown, Dorothy R., Visiting Assistant Professor of English, 1990; B.A. and M.A., Western Illinois University; candidate for Ph.D., University of Wisconsin.

Perrone, Anthony, Associate Professor, Modern Languages, 1969; B.A., Assumption College; M.A., University of Illinois.

Petrillo, Nick, Instructor of Physical Education, 1990; B.S., Peru State College; M.S., Northwest Missouri State University.

Reeder, Bryan, Assistant Professor and Director of Theatre, 1987; B.A., Northwestern State University; M.A., Walz Forest University; M.F.A., Lindenwood College.

Sabahari, Sezanno A., Assistant Professor, Communications, 1978; B.S., Pontbourse College; M.A., St. Louis University.

Schallert, Dale, Physical Education Instructor, 1991; B.S., University of Wisconsin-Sevens Point; M.S., Education, Wisconsin State University.

Scherodter, Dave, Instructor, Physical Education, 1989; Head Football Coach; B.S., University of Wisconsin-Sevens Point; M.S., Northern Michigan University.

Scopia, Ray, Associate Professor, Sociology/Anthropology, 1981; B.A., University of California-Los Angeles; M.A. and Ph.D., University of California-Santa Barbara.

Siebel, Arthur, Instructor, Physical Education, 1988; Head Basketball Coach; B.S., Southeast Missouri State University; M.Ed., University of Arizona.

Soda, Dominic C., Professor, Mathematics, 1969; B.S., M.S., Queen's University, Canada; M.Sc., University of Missouri-Rolla; Ph.D., Yale University.

Solomon, Elisea Prohman, Assistant Professor of Communications, 1990; B.A., Washington University; M.A., Boston University.

Swift, James W., Associate Professor, Sociology, 1984; B.A., Pomona College; B.D., University of Chicago; M.A., University of Colorado; Ph.D., Washington University; Post-Doctoral Study, London School of Economics.

Taich, Arlene, Provost and Associate Professor of Gerontology, Sociology, 1980; B.S., Ohio State University; M.S., Ph.D., Saint Louis University.

Taylor, Jean, Instructor, Professional Librarian, 1985; B.A., Bradley University; M.A.L.S., Rosary College.

Tillinger, Elaine, Assistant Professor of Art, 1991; B.A., University of Missouri-Columbia; M.S., art history, St. Louis University.

Udey-Shook, Mary E., Assistant Professor, Psychology, 1990; B.A., St. Louis University; M.A., Southern Illinois University-Edwardsville; Ph.D., University of Georgia.

Walsh, Donnell, Assistant Professor of Theatre, 1991; M.F.A., Scenic Design, Stanford University; B.A., University of San Francisco.

Wehmer, John H., Professor, Art, 1959; B.F.A., Washington University; M.F.A., University of Illinois.

Wier, Richard A., Associate Professor, Political Science, 1968; B.A., Blackburn College; M.A., St. Louis University; Ph.D., Georgetown University; J.D., St. Louis University.

Wilson, James, Dean of Humanities and Associate Professor, Communications, 1979; B.S., University of Wisconsin-LaCrosse; M.A., Oklahoma State University.

White, Gary, Instructor, Physical Education, 1989; Head Track and Cross Country Coach; B.S., M.A., Moorehead State University.

Yawn, G. Bernard, Associate Professor of Management, 1991; B.S., Eastern Illinois University; M.B.A., Marketing/Management, Eastern Illinois University.

Zambrennan, Wanita A., Associate Professor, English, 1980; B.A., Coe College; M.A., Mills College; Ph.D., University of Iowa.